Geological Resources, Inc.

UST DOCKETING mtech

UST NOV 26 2014 DIVISION

November 24, 2014

Ms. Cathleen Ridgley
South Carolina Department of Health
And Environmental Control
Underground Storage Tank Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Re: GRI Proposal No. 14-712
Site Specific Work Plan
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
UST Permit No. 08825
GRI Project No. 2001

Dear Ms. Ridgley:

Attached is a Site Specific Work Plan for approved ACQAP and the associated Assessment Component Cost Agreement for the above referenced site in Horatio, Sumter County, South Carolina.

Please contact me at (704) 845-4010 or by e-mail at wsb@geologicalresourcesinc.com if you have questions or comments concerning this matter.

Sincerely,

W. Scott Ball
Senior Project Manager

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

D H E C
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Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Cathleen Ridgley (SCDHEC Project Manager)
From: Scott Ball (Contractor Project Manager)
Contractor: Geological Resources, Inc. UST Contractor Certification Number: 74

Facility Name: Lenoir Store UST Permit #: 08825
Facility Address: 3240 Horatio Hagood Road, Horatio, Sumter County, SC
Responsible Party: Carrie Lenoir Phone: (843) 326-5820
RP Address: 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina, 29062-0156
Property Owner (if different): _____
Property Owner Address: _____
Current Use of Property: Commercial - Country Store and US Post Office

Scope of Work (Please check all that apply)

- ☐ IGWA
- ☐ Tier I
- ☐ Tier II
- ☐ Monitoring Well Installation
- ☑ Groundwater Sampling
- ☐ Other _____
- ☐ GAC

Analyses (Please check all that apply)

Groundwater/Surface Water:

- ☑ BTEXNMDCA (8260B)
- ☑ Oxygenates (8260B)
- ☑ EDB (8011)
- ☐ PAH (8270D)
- ☐ Lead
- ☐ 8 RCRA Metals
- ☐ TPH
- ☐ pH
- ☐ BOD
- ☐ Nitrate
- ☐ Sulfate
- ☐ Other _____
- ☐ Methane
- ☐ Ethanol
- ☐ Dissolved Iron

Soil:

- ☐ BTEXN
- ☐ PAH
- ☐ 8 RCRA Metals
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☐ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

_____ Soil	7 Water Supply Wells	_____ Air	1 Field Blank
40 Monitoring Wells	0 Surface Water	3 Duplicate	1 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
# of shallow points proposed: NA Estimated Footage: _____ feet per point
# of deep points proposed: _____ Estimated Footage: _____ feet per point
Field Screening Methodology: _____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.
# of shallow wells: NA Estimated Footage: _____ feet per point
# of deep wells: _____ Estimated Footage: _____ feet per point
# of recovery wells: _____ Estimated Footage: _____ feet per point
Monitoring Well development method (consistent with SOP): _____
Comments, if warranted:

_____
_____
_____

UST Permit #: 08825 Facility Name: Lenoir Store

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 10 days from approval Field Work Completion: 12 days from approval
Report Submittal: 45 days from approval # of Copies Provided to Property Owners: 1

Aquifer Characterization
Pump Test: ☐ Slug Test: ☐ (Check one and provide explanation below for choice)
NA

Investigation Derived Waste Disposal
Soil: _____ Tons Purge Water: 75 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
Sample monitoring wells MW-1 through MW-35, TW-1, TW-2, TW-3, recovery wells RW-1 and RW-2 and Water Supply Wells WSW-1, WSW-2, WSW-3, WSW-4,WSW-6, WSW-7 and WSW-8.
All ground water samples collected will be submitted for analyses of BTEX, MTBE, naphthalene, 1, 2-DCA and 8 oxygenates by Method 8260 and EDB by Method 8011.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)
Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.
Name of Laboratory: _____
SCDHEC Certification Number: _____
Name of Laboratory Director: _____

NA Well Driller as indicated in ACQAO? (Yes/No) If no, indicate driller information below.
Name of Well Driller: _____
SCLLR Certification Number: _____

NA Other variations from ACQAP. Please describe below.

Attachments
1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
   - North Arrow
   - Location of property lines
   - Location of buildings
   - Previous soil sampling locations
   - Previous monitoring well locations
   - Proposed soil boring locations
   - Proposed monitoring well locations
   - Legend with facility name and address, UST permit number, and bar scale
   - Streets or highways (indicate names and numbers)
   - Location of all present and former ASTs and USTs
   - Location of all potential receptors
3. Assessment Component Cost Agreement, SCDHEC Form D-3664

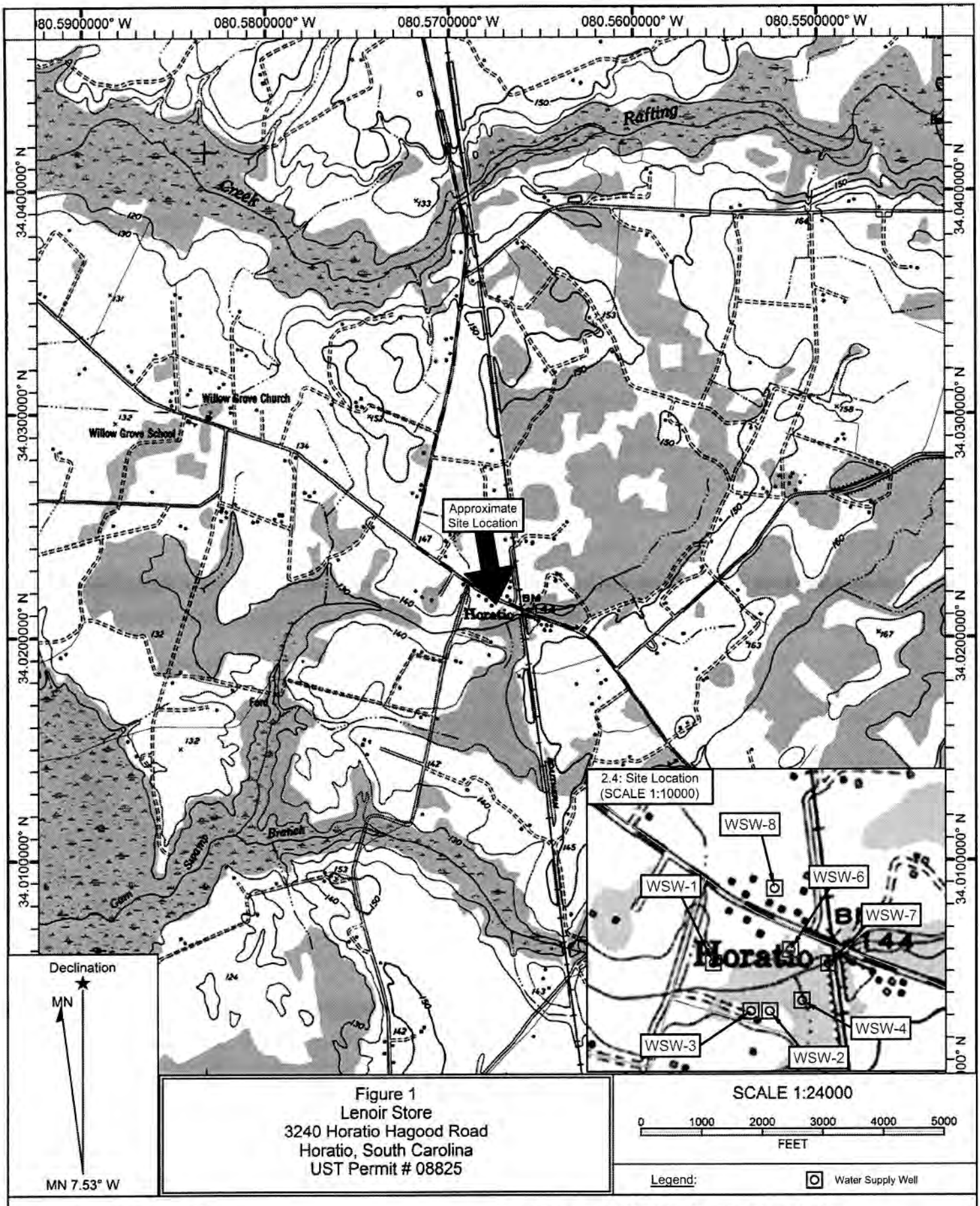


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

SCALE 1:24000

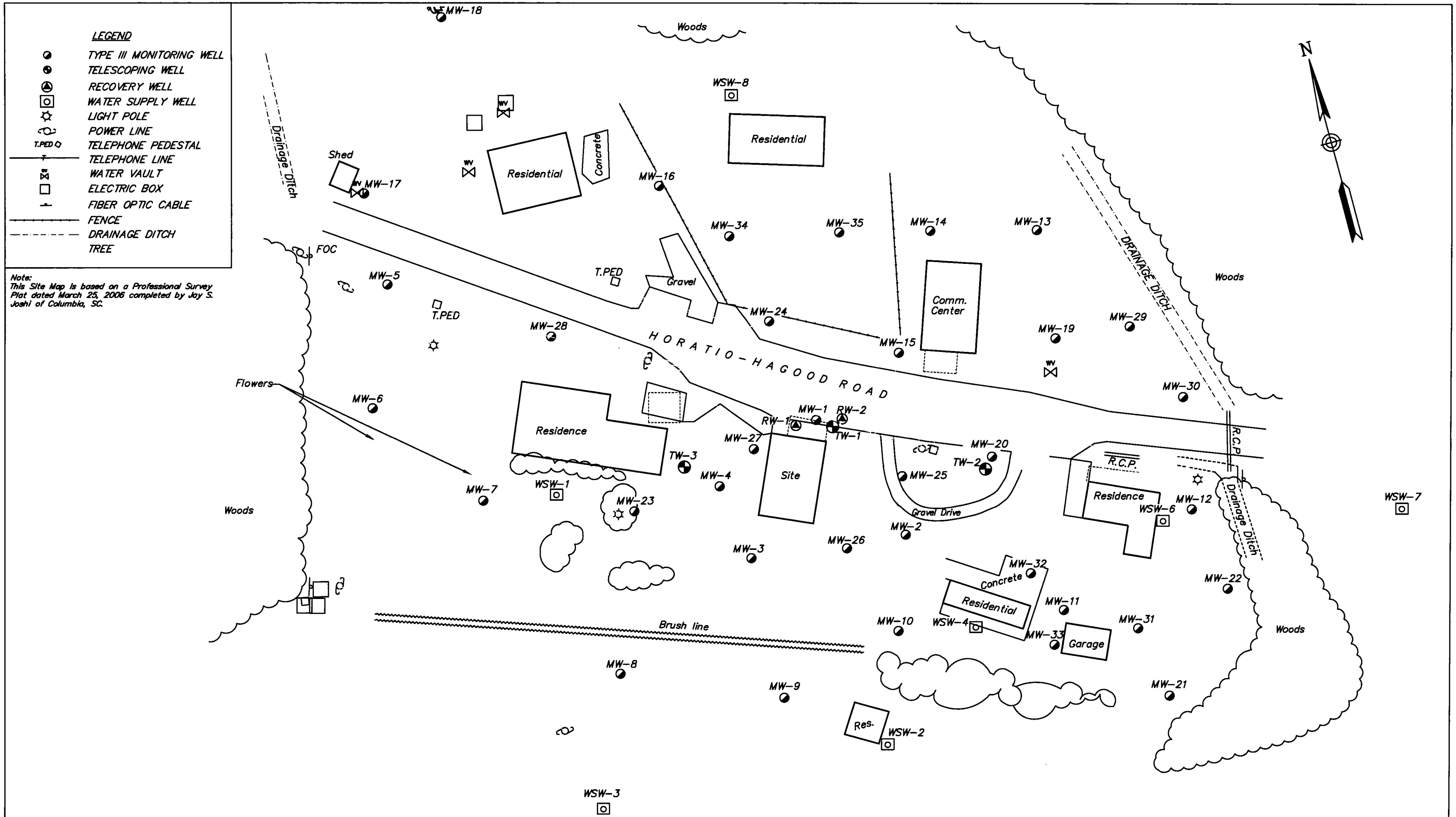
0 1000 2000 3000 4000 5000
FEET

Legend: Water Supply Well

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

SITE MAP

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	09/11/14	Drawn by:	ECH	Figure:	2

D H E C

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South Carolina Department of Health and Environmental Control

ASSESSMENT COMPONENT INVOICE

SOUTH CAROLINA

Department of Health and Environmental Control

Underground Storage Tank Management Division

State Underground Petroleum Environmental Response Bank Account

May 15, 2014

Facility Name: Lenoir Store

GRI Proposal #14-712

UST Permit #: 08825 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1. **Plan Preparation**				
A1. Site-specific Work Plan	1	each	$150.00	$150.00
B1. Tax Map		each	$70.00	$0.00
C1. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00	$0.00
2. A1. **Receptor Survey** *		each	$551.00	$0.00
3. **Survey (500 ft x 500 ft)**				
A1. Comprehensive Survey		each	$1,040.00	$0.00
B. Subsurface Geophysical Survey				
1B. < 10 meters below grade		each	$1,300.00	$0.00
2B. > 10 meters below grade		each	$2,310.00	$0.00
C1. Geophysical UST or Drum Survey		each	$910.00	$0.00
4. **Mob/Demob**				
A1. Equipment		each	$1,020.00	$0.00
B1. Personnel	2	each	$423.00	$846.00
C1. Adverse Terrain Vehicle		each	$500.00	$0.00
5. A1. **Soil Borings (hand auger)***		foot	$5.00	$0.00
6. **Soil Borings (requiring equipment, push technology, etc)* or Field Screening (including water sample, soil sample, soil gas sample, etc.)***				
AA. Standard		per foot	$15.00	$0.00
C1. Fractured Rock		per foot	$20.20	$0.00
7. A1. **Soil Leachability Model**		each	$60.00	$0.00
8. **Abandonment (per foot)***				
A1. 2" diameter or less		per foot	$3.10	$0.00
B1. Greater than 2" to 6" diameter		per foot	$4.50	$0.00
C1. Dug/Bored well (up to 6 feet diameter)		per foot	$15.00	$0.00
9. **Well Installation (per foot)***				
A1. Water Table (hand augered)		per foot	$10.60	$0.00
B1. Water Table (drill rig)		per foot	$38.00	$0.00
CC. Telescoping		per foot	$50.00	$0.00
DD. Rock Drilling		per foot	$58.00	$0.00
E1. 2" Rock Coring		per foot	$30.90	$0.00
G1. Rock Multi-sampling ports/screens		per foot	$33.40	$0.00
HH. Recovery Well (4" diameter)		per foot	$45.00	$0.00
II. Pushed Pre-packed screen (1.25" dia)		per foot	$15.00	$0.00
J1. Rotosonic (2" diameter)		per foot	$44.00	$0.00
K. Re-develop Existing Well		per foot	$11.00	$0.00
10. **Groundwater Sample Collection / Gauge Depth to Water or Product ***				
A1. Groundwater Purge	3	per well/receptor	$60.00	$180.00
B1. Air or Vapors		per receptor	$12.00	$0.00
C1. Water Supply	7	per well/receptor	$22.00	$154.00
D1. Groundwater (No Purge or Duplicat	40	per well/receptor	$28.00	$1,120.00
E1. Gauge Well only		per well	$7.00	$0.00
F1. Sample Below Product		per well	$12.00	$0.00
G1. Passive Diffusion Bag		each	$26.00	$0.00
H1. Field Blank	1	each	$24.60	$24.60

11. Laboratory Analyses-Groundwater					
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(82	52	per sample	$122.00		$6,344.00
AA1. Lead, Filtered		per sample	$13.80		$0.00
B2. Rush EPA Method 8260B (All of item A.)		per sample	$153.60		$0.00
C2. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$36.40		$0.00
D1. PAH's		per sample	$60.60		$0.00
E1. Lead		per sample	$16.00		$0.00
F1. EDB by EPA 8011	51	per sample	$45.20		$2,305.20
FF1. EDB by EPA Method 8011 Rush		per sample	$68.20		$0.00
G1. 8 RCRA Metals		per sample	$63.40		$0.00
H1. TPH (9070)		per sample	$41.00		$0.00
II. pH		per sample	$5.20		$0.00
J1. BOD		per sample	$20.00		$0.00
PP. Ethanol		per sample	$14.80		$0.00
11. **Analyses-Soil**					
Q1. BTEX + Naphth.		per sample	$64.00		$0.00
R1. PAH's		per sample	$64.04		$0.00
S1. 8 RCRA Metals		per sample	$56.40		$0.00
U1. TPH-DRO (3550C/8015C)		per sample	$40.00		$0.00
V1. TPH- GRO (5030B/8015C)		per sample	$35.96		$0.00
W1. Grain size/hydrometer		per sample	$104.00		$0.00
X1. Total Organic Carbon		per sample	$30.60		$0.00
11. **Analyses-Air**					
Y1. BTEX + Naphthalene		per sample	$216.00		$0.00
11. **Analyses-Free Phase Product**					
Z1. Hydrocarbon Fuel Identification		per sample	$357.00		$0.00
12. **Aquifer Characterization**					
A1. Pumping Test*		per hour	$23.00		$0.00
B1. Slug Test*		per test	$191.00		$0.00
C1. Fractured Rock		per test	$100.00		$0.00
13. A1. **Free Product Recovery Rate Test***		each	$38.00		$0.00
14. **Fate/Transport Modeling**					
A1. Mathematical Model		each	$100.00		$0.00
B1. Computer Model		each	$100.00		$0.00
15. **Risk Evaluation**					
A. Tier I Risk Evaluation		each	$300.00		$0.00
B1. Tier II Risk Evaluation		each	$100.00		$0.00
16. A1. **Subsequent Survey***		each	$260.00		$0.00
17. **Disposal (gallons or tons)***					
AA. Wastewater	75	gallon	$0.56		$42.00
BB. Free Product		gallon	$0.50		$0.00
C1. Soil Treatment/Disposal		ton	$60.00		$0.00
D1. Drilling fluids		gallon	$0.42		$0.00
18. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
20. **Tier I Assessment (Use DHEC 3665 form)**		standard			$0.00
21. **IGWA (Use DHEC 3666 form)**		standard			$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00

23. **Aggressive Fluid & Vapor Recovery (AFVR)**					
A1. 8-hour Event*		each	$1,375.00		$0.00
AA. 24-hour Event*		each	$3,825.00		$0.00
A3. 48-hour Event*		each	$6,265.00		$0.00
A4. 96-hour Event*		each	$12,567.50		$0.00
C1. Off-gas Treatment 8 hour		per event	$122.50		$0.00
C2. Off-gas Treatment 24 hour		per event	$241.50		$0.00
C3. Off-gas Treatment 48 hour		per event	$327.00		$0.00
C4. Off-gas Treatment 96 hour		per event	$780.00		$0.00
D. Site Reconnaissance		each	$203.25		$0.00
E1. Additional Hook-ups		each	$25.75		$0.00
F1. Effluent Disposal		gallon	$0.44		$0.00
G. AFVR Mobilization/Demobilization		each	$391.50		$0.00
24. **Granulated Activated Carbon (GAC) filter system installation & service:**					
A1. New GAC System Installation*		each	$1,900.00		$0.00
BB. Refurbished GAC Sys. Install*		each	$900.00		$0.00
C1. Filter replacement/removal*		each	$350.00		$0.00
DD. GAC System removal, cleaning, & refurbishment*		each	$275.00		$0.00
E1. GAC System housing*		each	$250.00		$0.00
F. In-line particulate filter		each	$150.00		$0.00
G1. Additional piping & fittings		foot	$1.50		$0.00
25. **Well Repair**					
A1. Additional Copies of the Report Delivered		each	$50.00		$0.00
B1. Repair 2x2 MW pad*		each	$50.00		$0.00
C1. Repair 4x4 MW pad*		each	$88.00		$0.00
D1. Repair well vault*		each	$118.00		$0.00
F1. Replace well cover bolts		each	$2.60		$0.00
G. Replace locking well cap & lock		each	$15.00		$0.00
H1. Replace/Repair stick-up*		each	$134.00		$0.00
I1. Convert Flush-mount to Stick-up*		each	$150.00		$0.00
J1. Convert Stick-up to Flush-mount*		each	$130.00		$0.00
K1. Replace missing/illegible well ID plate		each	$12.00		$0.00
Report Prep & Project Coordination	12%	percent	$11,165.80		$1,339.90
TOTAL					$12,505.70

*The appropriate mobilization cost can be added to complete these tasks, as necessary. DHEC

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

CARRIE LENOIR
C/O STEVE LENOIR
LENOIR STORE
3240 HORATIO HAGOOD RD
HORATIO SC 29062-0156

DEC 10 2014

Re: Groundwater Sampling Directive
Lenoir Store, 3240 Horatio Hagood Rd, Horatio, SC
UST Permit # 08825; Cost Agreement # 49274
Release reported June 29, 1993
Site Specific Work Plan received November 26, 2014
Sumter County

Dear Ms. Lenoir:

The previous assessment work for this release indicates that petroleum Chemicals of Concern (CoC) are present in the groundwater at concentrations that exceed risk-based screening levels (RBSLs). In order to obtain current groundwater quality data, a groundwater sampling event is necessary. All work must be conducted in accordance with the UST Quality Assurance Program Plan (QAPP) Revision 2.0 and must be conducted in compliance with all applicable regulations. A copy of the Agency's QAPP for the UST Management Division is available at http://www.scdhec.gov/environment/docs/QAPP_Rev-2_April2013.pdf.

Groundwater sampling activities at the site should begin immediately upon receipt of this letter. Cost agreement # 49274 has been approved for the amount shown on the enclosed cost agreement form for the sampling of all monitoring wells, recovery wells, and water supply wells associated with the release. Groundwater samples should be collected and analyzed for BTEX, naphthalene, MtBE, the oxygenates, ethanol, 1,2-DCA, and EDB. Analyses should be in accordance with Appendix E of the QAPP to include duplicate samples, field and trip blanks.

In accordance with the QAPP, **a weekly status report of the project should be provided via e-mail**. If any quality assurance problems arise, you must contact me within 24 hours via phone or e-mail. In addition, a discussion of the problem(s) encountered, including quality assurance problems, the actions taken, and the results must be included in the final report submitted to the Agency.

The Monitoring Report, contractor checklist from Appendix K of the QAPP, and invoice are due within 60 days from the date of this letter. The report submitted at the completion of these activities should include the required information outlined in the QAPP. Please note that all applicable South Carolina certification requirements apply to all site rehabilitation activities, laboratory services, and report preparation.

Geological Resources, Inc. can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Agency is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Agency for the cost to be paid. The Agency reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Agency reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note, if unnecessary dilutions are completed resulting in reporting limits of individual CoC in excess of RBSLs, the data cannot be used. In those cases, the Agency may deny payment for any non-detect analysis where the reporting limit exceeds the RBSL. The Agency encourages the use of 'J' values as necessary so the appropriate action can be determined for a release.

The Agency grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. The transport and disposal must be conducted in accordance with the QAPP. If the CoC concentrations based on laboratory analysis are below RBSLs, please contact the project manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit #08825. If you have any questions regarding this correspondence, please contact me by telephone at (803) 898-0610, by fax at (803) 898-0673, or by e-mail at ridglect@dhec.sc.gov.

Sincerely,

Cathleen Ridgley

Cathleen Ridgley, Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: Geological Resources, Inc., 3502 Hayes Road, Monroe, NC 28110 (w/enc)
Technical File (w/enc)

Approved Cost Agreement 49274

Facility: 08825 LENOIR STORE
RIDGLECT
PO Number

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
01 PLAN						
		A1	SITE SPECIFIC WORK PLAN	1.0000	150 00	150 00
04 MOB/DEMOB						
		B1	PERSONNEL	2 0000	423 00	846 00
10 SAMPLE COLLECTION						
		A1	GROUNDWATER (PURGE)	3 0000	60.00	180.00
		C1	WATER SUPPLY	7 0000	22 00	154 00
		D1	GROUNDWATER NO PURGE/DUPLICATE	40 0000	28 00	1,120 00
		H1	FIELD BLANK	1 0000	24.60	24.60
11 ANALYSES	GW GROUNDWATER					
		A2	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	52 0000	122.00	6,344 00
		F1	EDB BY 8011	51 0000	45 20	2,305 20
17 DISPOSAL						
		AA	WASTEWATER	75 0000	0 56	42.00
19 RPT/PROJECT MNGT & COORDINATIO						
		PRT	REPORT PREPARATION	0 1200	11,165 80	1,339 90
				Total Amount		12,505 70

UST
JAN 2 2 2015
PROGRAM

Geological Resources, Inc.

UST
mg tech
DOCKETING

January 19, 2015

Ms. Cathleen Ridgley
SCDHEC-Underground Storage Tank Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, SC 29201

Re: Ground Water Monitoring Report
December 2014
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County, SC
UST Permit No: 08825
GRI PROJECT No: 2001

Dear Ms. Ridgley,

Please find enclosed the referenced report for the above mentioned site. If you have any questions, please do not hesitate to contact Scott Ball at (704) 698-1223.

Sincerely,
Geological Resources, Inc.

J Donnelly

Jackie Donnelly
Project Coordinator

Enclosure

cc: Ms. Carrie Lenoir
file

3502 Hayes Road • Monroe, North Carolina 28110
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

GROUND WATER MONITORING REPORT
DECEMBER 2014
LENOIR STORE
3240 HORATIO HAGOOD RD.
HORATIO, SUMTER COUNTY
SOUTH CAROLINA
UST PERMIT NO. 08825
GRI PROJECT NO. 2001

Prepared for:

Ms. Carrie Lenoir
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina 29062

Prepared by:

Geological Resources, Inc.
3502 Hayes Road
Monroe, North Carolina 28110
Class 1 UST Site Rehabilitation Contractor # 74

January 19, 2015

W. Scott Ball
Senior Project Manager

Johanna M. Teschner, P.G.
License Number 2576

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FIGURES

Figure 1: Site Location Map
Figure 2: Site Map
Figure 3: Water Table Surface Map
Figure 4: Ground Water Quality Map

TABLES

Table 1: Summary of Ground Water Elevation Data
Table 2: Summary of Laboratory Analytical Results – Chemicals of Concern - Ground Water Samples
Table 3: Summary of Laboratory Analytical Results – Ground Water Samples - Oxygenates

APPENDICES

Appendix A: Laboratory Analytical Report - Ground Water Samples
Appendix B: Ground Water Sampling Data Sheets
Appendix C: Contractor Checklist

1.0 INTRODUCTION

This report presents the results of comprehensive ground water sampling activities conducted in December 2014 at the Lenoir Store site, located at 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina (**Figure 1**). The activities were conducted in accordance with the "Groundwater Sampling Directive" dated December 10, 2014 from the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the activities was to determine the overall effectiveness of the October 2014 AFVR events and to obtain current ground water quality data for the site. The site currently contains a general store and post office. Adjacent properties are currently used for residential purposes.

A release from the UST system was reported to the SCDHEC on June 29, 1993. One 2,000-gallon gasoline UST was removed from the site on June 4, 1993. One 3,000-gallon gasoline UST was closed in place on June 16, 1999. A Tier I Assessment was completed at the site in October 2003. A Tier II Assessment was completed at the site in April 2008. A total of thirty-five Type III monitoring wells (MW-1 through MW-35), three telescoping wells (TW-1 through TW-3) and two recovery wells (RW-1 and RW-2) have been installed during previous assessment activities conducted at the site. In addition, several AFVR and ground water sampling events have been conducted at the site since completion of the Tier II assessment.

Eight water supply wells (WSW-1 though WSW-8) were identified within 1,000 feet of the source area during a receptor survey conducted in April 2008 as part of the Tier II assessment. Municipal water is available to all properties in the area. The last comprehensive ground water sampling event conducted at the site occurred on August 29, 2014. Contaminants of concern (COCs) above their respective risk-based screening levels (RBSLs) have been reported in several monitoring wells at the site. This report summarizes the December 2014 ground water monitoring results.

2.0 FACILITY INFORMATION

- **Facility Name:** Lenoir Store
- **Location:** 3240 Horatio Hagood Road
Horatio, Sumter County, SC 29062
- **UST Permit No.** 08825
- **Land Use:** Commercial

- **Property Owner:** Carrie Lenoir
  3240 Horatio Hagood Road
  Horatio, SC 29062
  803-499-4023

- **UST Owner/Operator:** Carrie Lenoir
  3240 Horatio Hagood Road
  Horatio, SC 29062
  803-499-4023

- **Site Rehabilitation Contractor:** Geological Resources, Inc. (GRI)
  3502 Hayes Road
  Monroe, North Carolina 28110
  (704) 845-4010
  Class 1, Certification Number 74

- **Laboratory:** Accutest Laboratories - Southeast
  4405 Vineland Road, Suite C-15
  Orlando, FL 32811
  (407) 425-6700
  State Certification Number: 96038001

Release Information:

- **Date Discovered:** June 29, 1993
- **Estimated Amount of Release:** Unknown
- **Source of Release:** Leaking UST System
- **UST Size/Contents:** One 2,000-gallon and one 3,000-gallon gasoline USTs

- **Latitude:** 34.0216209°North **Longitude:** 80.5678072° West

3.0 GROUND WATER QUALITY

Thirty-two Type III monitoring wells (MW-1 through MW-20, MW-23, MW-24 and MW-26 through MW-35), three telescoping monitoring wells (TW-1 through TW-3) and two recovery wells (RW-1 and RW-2) were gauged on December 22, 2014. Thirty-two monitoring wells, three telescoping wells, and two recovery wells were sampled between December 22 and 23, 2014. Telescoping wells TW-1 through TW-3 and MW-30 were the only wells purged prior to sampling. Monitoring wells MW-21, MW-22 and MW-25 could not be located. WSW-1 was not sampled due to no access to water from the well. In addition, water supply wells WSW-2, WSW-3, WSW-4, WSW-6, WSW-7 and WSW-8 were sampled between December 22 and 23, 2014. Water supply well WSW-5 has been destroyed.

The depths to ground water in the Type III monitoring wells during the December 2014 gauging event ranged from 3.72 to 11.67 feet below the top of casings. Free product was not encountered during the December 2014 monitoring event. Free product has historically been encountered in MW-1. Ground water elevations in the Type III monitoring wells relative to a temporary benchmark with an assumed

datum of 100.00 feet ranged from 89.11 to 94.47 feet. Based on this data, the water table is relatively flat with an anomalous high in the area of MW-3, which had an elevation of 94.80. Ground water flow across the site was generally towards the east. The horizontal hydraulic gradient across the site was less than 0.01 feet per foot. The vertical hydraulic gradient calculated for paired wells MW-20/TW-2 was approximately 0.009 feet per foot downward. A Site Map showing the locations of the monitoring wells and the structures on-site has been included as **Figure 2**. Summaries of ground water elevation data for the December 2014 sampling event are presented in **Table 1**. A Water Table Surface Map for the December 2014 sampling event has been included as **Figure 3**.

Laboratory analyses were performed on the ground water samples collected from the monitoring wells during the December 2014 sampling event for BTEX, MTBE, naphthalene, 1,2-dichloroethane (1,2-DCA) and eight oxygenates using EPA Method 8260B and EDB by Method 8011. Concentrations of benzene, toluene, naphthalene, 1,2-DCA and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-15, MW-20, MW-24, MW-27, RW-1 and RW-2. Detectable concentrations of oxygenates were reported in the samples collected from MW-1, MW-15, MW-20, MW-23, MW-24, MW-27, MW-28 and RW-2. No detectable concentrations of requested method constituents were reported in any of the samples collected from the water supply wells or telescoping wells. A Ground Water Quality Map based on data from the December 2014 sampling event has been included as **Figure 4**. Summaries of ground water analytical results are presented in **Table 2** and **Table 3**. A complete laboratory analytical report has been included as **Appendix A**. Ground Water Sampling Data Sheets are attached as **Appendix B**.

4.0 QA/QC

Monitoring well gauging, purging and sampling was conducted in general accordance with the SCDHEC Programmatic QAPP and the approved site specific Contractor Addendum. All wells were purged and/or sampled with dedicated disposable bailers. All field measurement equipment was properly decontaminated between sampling locations. Duplicate samples from monitoring wells MW-15, MW-20 and MW-34 (MW-15 DUP, MW-20 DUP and MW-34 DUP), and one field blank were collected during the sampling activities. Laboratory results for each sample and their respective duplicate samples showed the same compounds at similar concentrations. No detectable concentrations of method constituents were reported in the trip blank or the field blank. All applicable items on the Contractor Checklist were reviewed and verified. A copy of the Contractor Checklist is included as **Appendix C**.

5.0 CONCLUSIONS AND RECOMMENDATIONS

- Thirty-two Type III monitoring wells, three telescoping monitoring wells and six water supply wells were gauged, purged and/or sampled on December 22 and December 23, 2014. Ground water flow across the site was generally towards the east. The horizontal hydraulic gradient across the site was less than 0.01 feet per foot. The vertical hydraulic gradient across the site was approximately 0.009 feet per foot downward.
- Concentrations of benzene, toluene, naphthalene, 1,2-DCA and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-15, MW-20, MW-24, MW-27, RW-1 and RW-2. Detectable concentrations of oxygenates were reported in the samples collected from MW-1, MW-15, MW-20, MW-23, MW-24, MW-27, MW-28 and RW-2. No detectable concentrations of requested method constituents were reported in any of the samples collected from the water supply wells or telescoping wells.
- Free product was not encountered in any of the monitoring wells sampled in December 2014.
- Contaminant concentrations in in monitoring wells MW-1 and MW-24 have been greatly reduced since the August 2014 sampling event. It appears that the 96-hour AFVR events conducted at the site have been successful in removing free product and/or reducing contaminant concentrations in those wells.
- GRI makes the following recommendations:
  - Conduct AFVR activities on monitoring wells MW-1, MW-20, MW-24, RW-1 and RW-2 in order to continue the reduction of contaminant concentrations in those wells.
  - Ground water sampling events should continue at the site.

6.0 LIMITATIONS

This report has been prepared for the exclusive use of Carrie Lenoir and the SCDHEC for specific application to the referenced site in Sumter County, South Carolina. The assessment was conducted based on the scope of work and level of effort specified by the SCDHEC and with resources adequate only for that scope of work. Our findings have been developed in accordance with generally accepted standards of geology and hydrogeology practices in the State of South Carolina, available information, and our professional judgment. No other warranty is expressed or implied.

The data that are presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. In addition, the data obtained from samples would be interpreted as being meaningful with respect to parameters indicated in the laboratory report. No

additional information can logically be inferred from these data. Please note that certain information contained in this report was not obtained under the direct supervision of GRI personnel. Therefore, GRI cannot verify the accuracy of this information. However, for the purpose of this report, GRI assumes the information is correct.

FIGURES

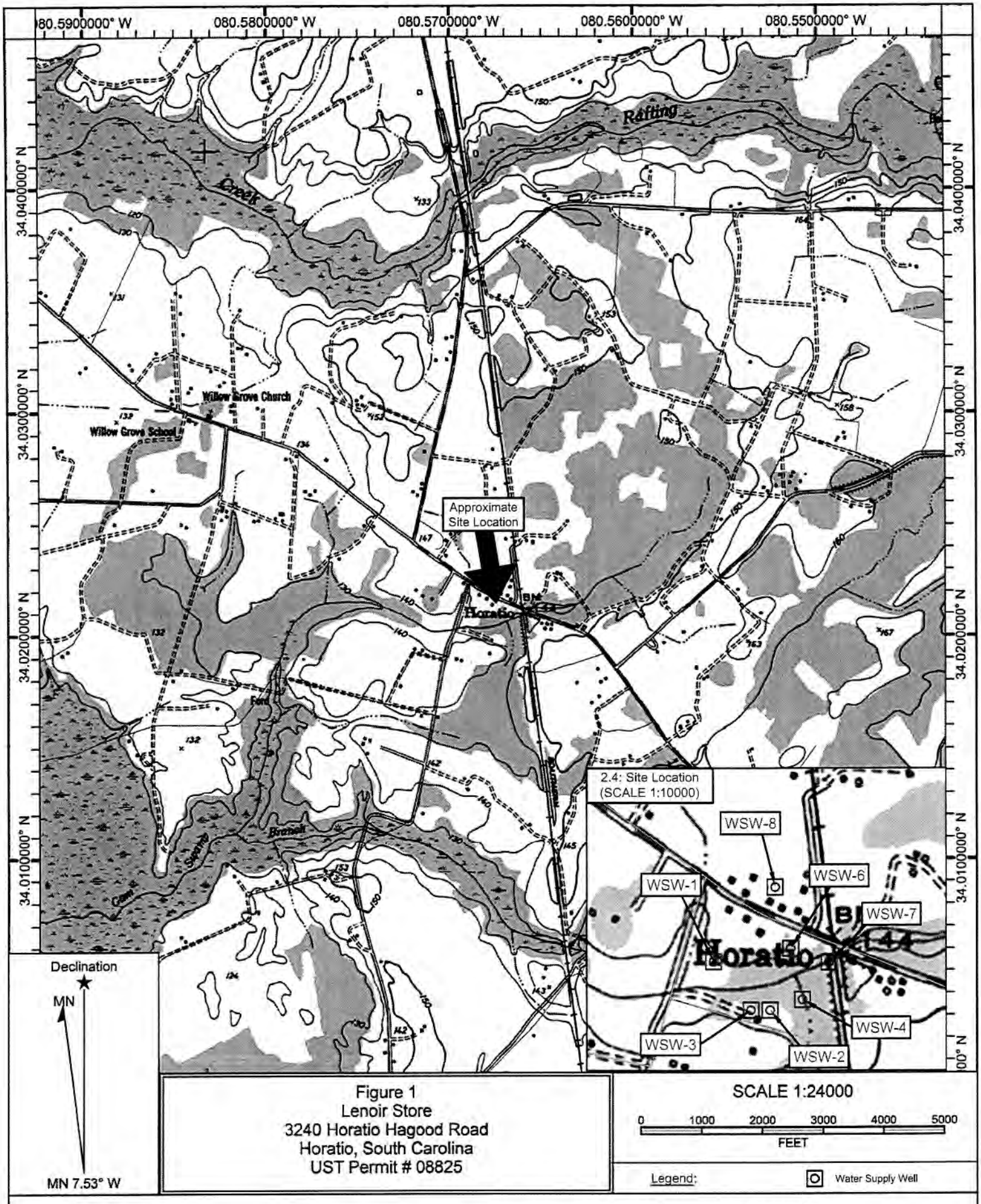


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

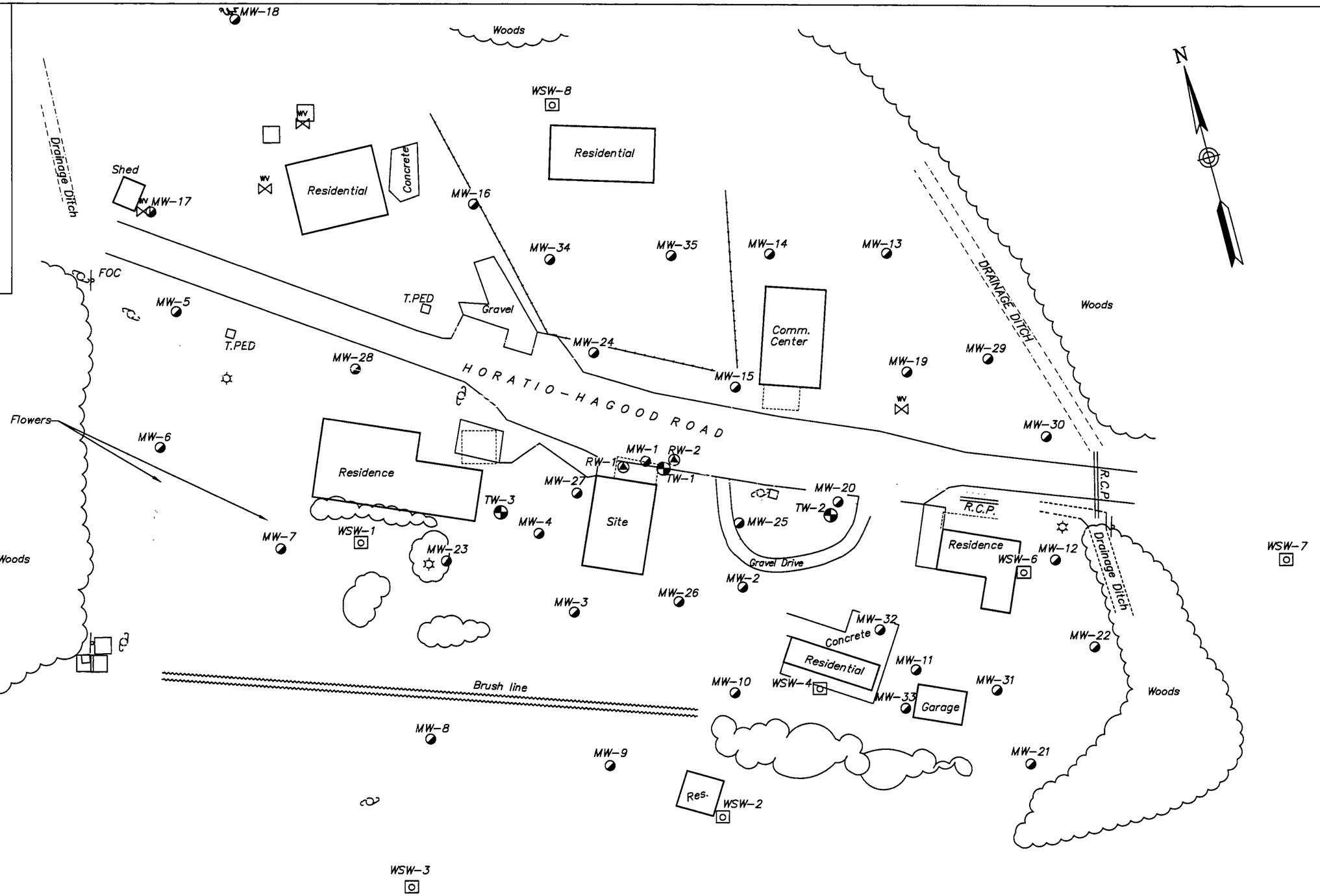
Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Jay S. Joshi of Columbia, SC.



Geological Resources, Inc.

0 30 60 120
(IN FEET)
1 inch = 60 ft

SITE MAP

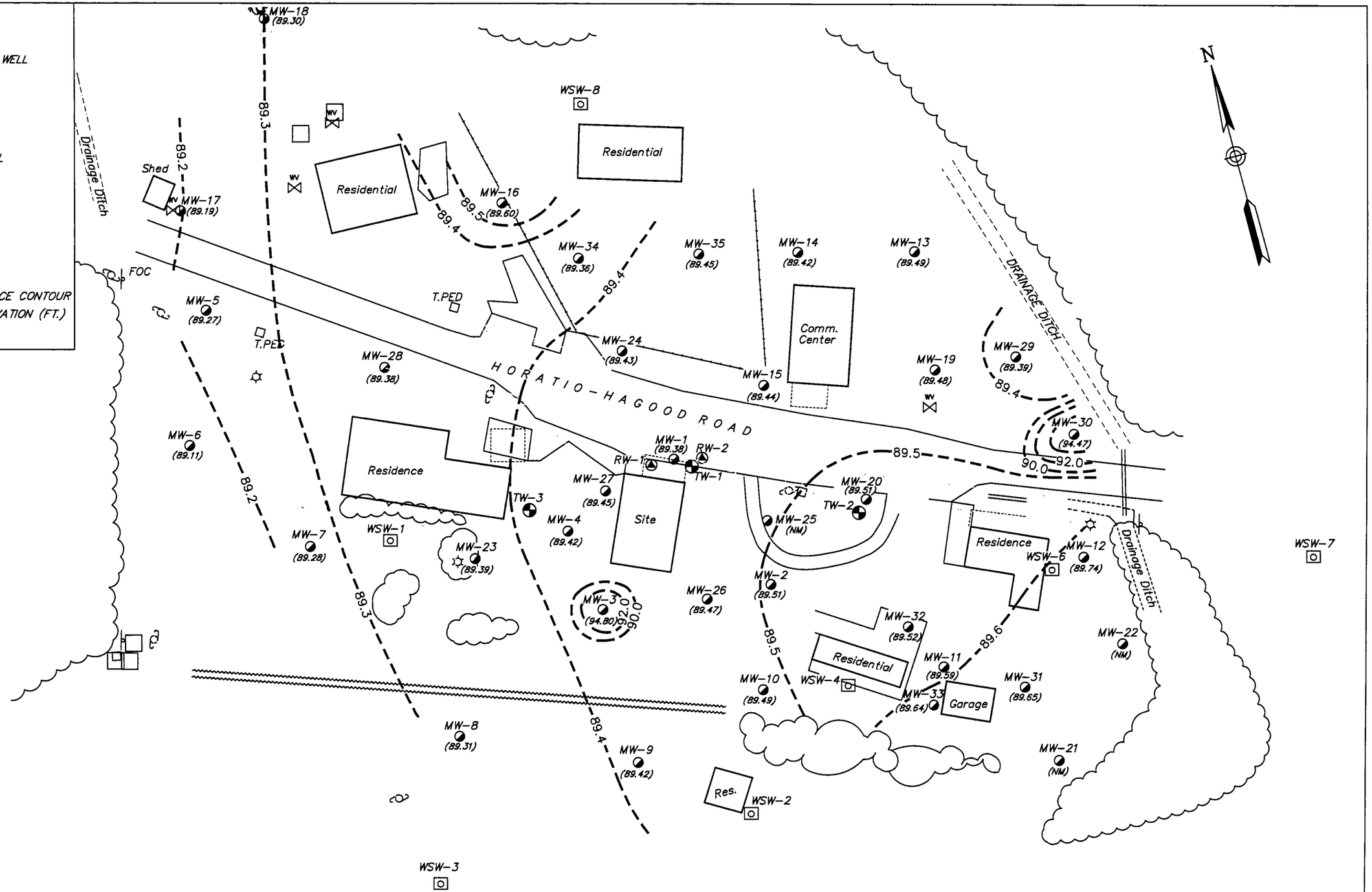
Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	01/13/15	Drawn by:	ECH	Figure:	2

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED — TELEPHONE PEDESTAL
- TELEPHONE LINE
- WV — WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE
- 89.9 — WATER TABLE SURFACE CONTOUR
- (89.38) — GROUND WATER ELEVATION (FT.)
- (NM) — NOT MEASURED



Geological Resources, Inc.

0 30 60 120

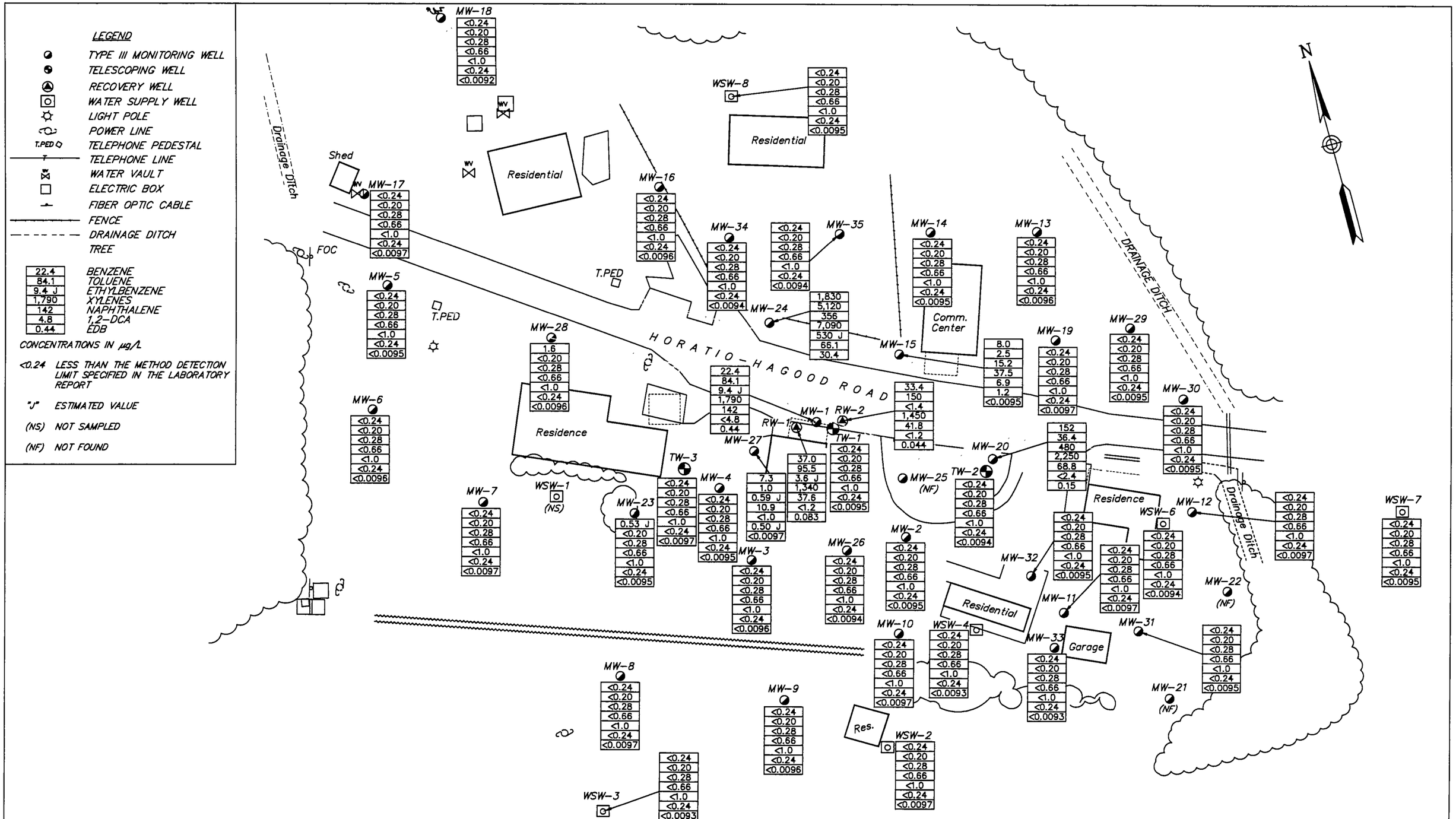
(IN FEET)
1 inch = 60 ft

WATER TABLE SURFACE MAP (12/22/14)

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	01/19/15	Drawn by:	ECH	Figure:	3



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

GROUND WATER QUALITY MAP (12/22 & 12/23/14)

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	01/19/15	Drawn by:	ECH	Figure:	4

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-1	09/23/03	09/24/03	100.00	9.16	---	90.84	14.5	4.5-14.5
		08/28/07		11.54	0.66	89.03		
		03/07/08	100.27	3.16	0.56	97.59		
		06/12/08		10.44	0.11	89.92		
		08/25/08		9.86	0.11	90.50		
		03/05/09		8.62	0.20	91.82		
		10/13/10		10.79	0.02	89.50		
		07/25/11		11.41	0.03	88.89		
		02/29/12		12.52	0.04	87.78		
		07/18/13		8.52	---	91.75		
		01/23/14		9.16	---	91.11		
		08/28/14		9.66	9.63	98.87		
		12/23/14		10.89	---	89.38		
MW-2	09/23/03	09/24/03	99.74	9.01	---	90.73	15	5-15
		08/28/07		10.76	---	88.98		
		03/07/08	100.00	3.70	---	96.30		
		06/12/08		10.02	---	89.98		
		08/25/08		9.18	---	90.82		
		03/05/09		4.20	---	95.80		
		10/13/10		10.46	---	89.54		
		02/29/12		6.33	---	93.67		
		07/18/13		3.15	---	96.85		
		01/23/14		6.38	---	93.62		
		08/28/14		9.28	---	90.72		
		12/23/14		10.49	---	89.51		
MW-3	09/23/03	09/24/03	100.11	7.68	---	92.43	14	4-14
		08/28/07		11.22	---	88.89		
		03/07/08	100.41	3.04	---	97.37		
		06/12/08		10.49	---	89.92		
		08/25/08		5.89	---	94.52		
		03/05/09		3.87	---	96.54		
		10/13/10		7.72	---	92.69		
		02/29/12		3.20	---	97.21		
		07/18/13		2.04	---	98.37		
		01/23/14		2.45	---	97.96		
		08/28/14		6.24	---	94.17		
		12/22/14		5.61	---	94.80		
MW-4	03/05/08	03/07/08	100.76	7.85	---	92.91	12	2-12
		06/12/08		10.87	---	89.89		
		08/25/08		10.28	---	90.48		
		03/05/09		8.91	---	91.85		
		10/13/10		11.28	---	89.48		
		07/25/11		11.70	---	89.06		
		02/29/12		DRY	---	DRY		
		07/18/13		8.07	---	92.69		
		01/23/14		9.62	---	91.14		
		08/28/14		10.18	---	90.58		
		12/22/14		11.34	---	89.42		
MW-5	03/05/08	03/07/08	99.16	7.71	---	91.45	12	2-12
		06/12/08		9.37	---	89.79		
		08/25/08		8.74	---	90.42		
		03/05/09		7.35	---	91.81		
		10/13/10		9.81	---	89.35		
		02/29/12		11.52	---	87.64		
		07/18/13		6.49	---	92.67		
		01/23/14		8.07	---	91.09		
		08/28/14		8.70	---	90.46		
		12/22/14		9.89	---	89.27		

TABLES

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-6	03/05/08	03/07/08	98.32	6.98	---	91.34	12	2-12
		06/12/08		8.56	---	89.76		
		08/25/08		7.94	---	90.38		
		03/05/09		6.60	---	91.72		
		10/13/10		8.99	---	89.33		
		02/29/12		10.60	---	87.72		
		07/18/13		5.44	---	92.88		
		01/23/14		7.23	---	91.09		
		08/28/14		7.94	---	90.38		
		12/22/14		9.21	---	89.11		
MW-7	03/05/08	03/07/08	99.45	8.16	---	91.29	12	2-12
		06/12/08		9.70	---	89.75		
		08/25/08		9.08	---	90.37		
		03/05/09		7.66	---	91.79		
		10/13/10		10.09	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.83	---	92.62		
		01/23/14		8.41	---	91.04		
		08/28/14		9.02	---	90.43		
		12/22/14		10.17	---	89.28		
MW-8	03/05/08	03/07/08	98.43	7.23	---	91.20	13	3-13
		06/12/08		8.70	---	89.73		
		08/25/08		8.91	---	89.52		
		03/05/09		8.35	---	90.08		
		10/13/10		9.07	---	89.36		
		02/29/12		10.74	---	87.69		
		07/18/13		NM	NM	NM		
		01/23/14		7.43	---	91.00		
		08/28/14		7.99	---	90.44		
		12/22/14		9.12	---	89.31		
MW-9	03/05/08	03/07/08	99.09	7.63	---	91.46	12	2-12
		06/12/08		9.17	---	89.92		
		08/25/08		8.50	---	90.59		
		03/05/09		7.37	---	91.72		
		10/13/10		9.54	---	89.55		
		02/29/12		11.07	---	88.02		
		07/18/13		5.30	---	93.79		
		01/23/14		7.87	---	91.22		
		08/28/14		8.45	---	90.64		
		12/22/14		9.67	---	89.42		
MW-10	03/05/08	03/07/08	99.16	7.81	---	91.35	12	2-12
		06/12/08		9.20	---	89.96		
		08/25/08		8.66	---	90.50		
		03/05/09		7.26	---	91.90		
		10/13/10		9.61	---	89.55		
		02/29/12		11.20	---	87.96		
		07/18/13		6.59	---	92.57		
		01/23/14		8.02	---	91.14		
		08/28/14		8.48	---	90.68		
		12/23/14		9.67	---	89.49		
MW-11	03/05/08	03/07/08	98.23	6.79	---	91.44	12	2-12
		06/12/08		8.26	---	89.97		
		08/25/08		7.70	---	90.53		
		03/05/09		6.34	---	91.89		
		10/13/10		8.65	---	89.58		
		07/25/11		9.25	---	88.98		
		02/29/12		10.20	---	88.03		
		07/18/13		5.53	---	92.70		
		01/23/14		7.08	---	91.15		
		08/28/14		7.50	---	90.73		
		12/22/14		8.64	---	89.59		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-12	03/05/08	03/07/08	97.88	6.34	---	91.54	13	3-13
		06/12/08		7.83	---	90.05		
		08/25/08		7.20	---	90.68		
		03/05/09		5.82	---	92.06		
		10/13/10		8.18	---	89.70		
		02/29/12		9.69	---	88.19		
		07/18/13		4.95	---	92.93		
		01/23/14		6.51	---	91.37		
		08/28/14		7.02	---	90.86		
		12/22/14		8.14	---	89.74		
MW-13	03/06/08	03/07/08	98.27	6.95	---	91.32	12	2-12
		06/12/08		8.20	---	90.07		
		08/25/08		7.66	---	90.61		
		03/05/09		6.30	---	91.97		
		10/13/10		8.60	---	89.67		
		02/29/12		10.38	---	87.89		
		07/18/13		5.49	---	92.78		
		01/23/14		7.02	---	91.25		
		08/28/14		7.53	---	90.74		
		12/22/14		8.78	---	89.49		
MW-14	03/06/08	03/07/08	97.29	6.02	---	91.27	12	2-12
		06/12/08		7.30	---	89.99		
		08/25/08		6.71	---	90.58		
		03/05/09		5.36	---	91.93		
		10/13/10		7.65	---	89.64		
		02/29/12		9.43	---	87.86		
		07/18/13		4.54	---	92.75		
		01/23/14		6.09	---	91.20		
		08/28/14		6.57	---	90.72		
		12/22/14		7.87	---	89.42		
MW-15	03/06/08	03/07/08	99.64	8.38	---	91.26	13	3-13
		06/12/08		9.66	---	89.98		
		08/25/08		9.09	---	90.55		
		03/05/09		7.71	---	91.93		
		10/13/10		10.03	---	89.61		
		07/25/11		10.65	---	88.99		
		02/29/12		11.74	---	87.90		
		07/18/13		6.82	---	92.82		
		01/23/14		8.37	---	91.27		
		08/28/14		8.45	---	91.19		
		12/22/14		10.20	---	89.44		
MW-16	03/06/08	03/07/08	101.27	10.00	---	91.27	13	3-13
		06/12/08		11.31	---	89.96		
		08/25/08		10.74	---	90.53		
		03/05/09		9.36	---	91.91		
		10/13/10		11.70	---	89.57		
		02/29/12		DRY	---	DRY		
		07/18/13		5.53	---	95.74		
		01/23/14		10.13	---	91.14		
		08/28/14		10.66	---	90.61		
		12/22/14		11.67	---	89.60		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-17	03/06/08	03/07/08	99.09	8.35	---	90.74	13	3-13
		06/12/08		9.32	---	89.77		
		08/25/08		8.70	---	90.39		
		03/05/09		7.29	---	91.80		
		10/13/10		9.73	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.49	---	92.60		
		01/23/14		8.07	---	91.02		
		08/28/14		8.68	---	90.41		
		12/22/14		9.90	---	89.19		
MW-18	03/06/08	03/07/08	99.71	7.95	---	91.76	13	3-13
		06/12/08		9.83	---	89.88		
		08/25/08		9.23	---	90.48		
		03/05/09		7.86	---	91.85		
		10/13/10		10.27	---	89.44		
		02/29/12		12.01	---	87.70		
		07/18/13		6.90	---	92.81		
		01/23/14		8.58	---	91.13		
		08/28/14		9.18	---	90.53		
		12/22/14		10.41	---	89.30		
MW-19	05/06/08	06/12/08	98.52	8.48	---	90.04	14	4-14
		08/25/08		8.40	---	90.12		
		03/05/09		7.73	---	90.79		
		10/13/10		8.88	---	89.64		
		07/25/11		9.48	---	89.04		
		02/29/12		10.67	---	87.85		
		07/18/13		6.04	---	92.48		
		01/23/14		7.38	---	91.14		
		08/28/14		7.78	---	90.74		
		12/22/14		9.04	---	89.48		
MW-20	05/06/08	06/12/08	99.65	9.69	---	89.96	14	4-14
		08/25/08		9.24	---	90.41		
		03/05/09		8.32	---	91.33		
		10/13/10		10.07	---	89.58		
		07/25/11		10.63	---	89.02		
		02/29/12		11.72	---	87.93		
		07/18/13		6.99	---	92.66		
		01/23/14		8.52	---	91.13		
		08/28/14		8.91	---	90.74		
		12/22/14		10.14	---	89.51		
MW-21	05/06/08	06/12/08	97.64	8.71	---	88.93	14	4-14
		08/25/08		7.19	---	90.45		
		03/05/09		5.95	---	91.69		
		10/13/10		8.05	---	89.59		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
MW-22	05/06/08	06/12/08	97.35	7.31	---	90.04	14	4-14
		08/25/08		6.63	---	90.72		
		03/05/09		5.11	---	92.24		
		10/13/10		7.67	---	89.68		
		02/29/12		5.95	---	91.40		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-23	05/06/08	06/12/08	100.47	10.65	---	89.82	14	4-14
		08/25/08		10.04	---	90.43		
		03/05/09		9.17	---	91.30		
		10/13/10		NM	---	NM		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.38	---	91.09		
		08/28/14		9.92	---	90.55		
		12/22/14		11.08	---	89.39		
MW-24	05/06/08	06/12/08	99.69	9.75	---	89.94	14	4-14
		08/25/08		9.17	---	90.52		
		03/05/09		7.80	---	91.89		
		10/13/10		10.13	---	89.56		
		07/25/11		10.76	---	88.93		
		02/29/12		11.80	---	87.89		
		07/18/13		7.00	---	92.69		
		01/23/14		9.55	---	90.14		
		08/28/14		9.02	---	90.67		
		12/22/14		10.26	---	89.43		
MW-25	08/25/08	08/25/08	101.10	10.60	---	90.50	14.5	4.5-14.5
		03/05/09		9.20	---	91.90		
		10/13/10		11.56	---	89.54		
		07/25/11		12.16	---	88.94		
		02/29/12		13.15	---	87.95		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
MW-26	08/25/08	08/25/08	100.10	9.61	---	90.49	15	5-15
		03/05/09		9.04	---	91.06		
		10/13/10		10.56	---	89.54		
		02/29/12		12.18	---	87.92		
		07/18/13		7.45	---	92.65		
		01/23/14		8.66	---	91.44		
		08/28/14		9.44	---	90.66		
		12/23/14		10.63	---	89.47		
MW-27	08/25/08	08/25/08	100.74	10.41	---	90.33	15	5-15
		03/05/09		9.90	---	90.84		
		10/13/10		11.25	---	89.49		
		07/25/11		11.86	---	88.88		
		02/29/12		12.90	---	87.84		
		07/18/13		8.02	---	92.72		
		01/23/14		9.61	---	91.13		
		08/28/14		10.14	---	90.60		
		12/22/14		11.29	---	89.45		
MW-28	08/25/08	08/25/08	100.92	10.41	---	90.51	15	5-15
		03/05/09		10.01	---	90.91		
		10/13/10		11.47	---	89.45		
		07/25/11		12.05	---	88.87		
		02/29/12		13.20	---	87.72		
		07/18/13		8.10	---	92.82		
		01/23/14		9.82	---	91.10		
		08/28/14		10.39	---	90.53		
		12/22/14		11.54	---	89.38		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-29	08/25/08	08/25/08	96.98	6.40	---	90.58	14	4-14
		03/05/09		5.00	---	91.98		
		10/13/10		7.30	---	89.68		
		02/29/12		9.05	---	87.93		
		07/18/13		4.19	---	92.79		
		01/23/14		5.73	---	91.25		
		08/28/14		6.27	---	90.71		
		12/22/14		7.59	---	89.39		
MW-30	08/25/08	08/25/08	98.19	3.21	---	94.98	14	4-14
		03/05/09		6.22	---	91.97		
		10/13/10		NM	---	NM		
		02/29/12		2.92	---	95.27		
		07/18/13		2.05	---	96.14		
		01/23/14		2.42	---	95.77		
		08/28/14		7.38	---	90.81		
		12/22/14		3.72	---	94.47		
MW-31	08/25/08	08/25/08	98.12	7.59	---	90.53	15	5-15
		03/05/09		7.41	---	90.71		
		10/13/10		8.48	---	89.64		
		02/29/12		10.22	---	87.90		
		07/18/13		5.34	---	92.78		
		01/23/14		8.19	---	89.93		
		08/28/14		7.30	---	90.82		
		12/22/14		8.47	---	89.65		
MW-32	08/25/08	08/25/08	99.11	8.52	---	90.59	15	5-15
		03/05/09		7.98	---	91.13		
		10/13/10		9.48	---	89.63		
		02/29/12		11.19	---	87.92		
		07/18/13		6.43	---	92.68		
		01/23/14		7.94	---	91.17		
		08/28/14		8.38	---	90.73		
		12/22/14		9.59	---	89.52		
MW-33	08/25/08	08/25/08	97.92	7.41	---	90.51	15	5-15
		03/05/09		6.34	---	91.58		
		10/13/10		8.32	---	89.60		
		02/29/12		9.90	---	88.02		
		07/18/13		5.24	---	92.68		
		01/23/14		6.74	---	91.18		
		08/28/14		7.18	---	90.74		
		12/22/14		8.28	---	89.64		
MW-34	03/03/09	03/05/09	100.73	8.80	---	91.93	15	5-15
		10/13/10		11.17	---	89.56		
		07/28/11		11.83	---	88.90		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.49	---	91.24		
		08/28/14		10.08	---	90.65		
		12/22/14		11.37	---	89.36		
MW-35	03/03/09	03/05/09	99.07	7.12	---	91.95	13	3-13
		10/13/10		9.46	---	89.61		
		07/28/11		10.12	---	88.95		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		7.82	---	91.25		
		08/28/14		8.38	---	90.69		
		12/22/14		9.62	---	89.45		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
TW-1	03/06/08	03/07/08	100.22	9.55	---	90.67	41	36-41
		06/12/08		9.85	---	90.37		
		08/25/08		10.52	---	89.70		
		03/05/09		9.17	---	91.05		
		10/13/10		10.96	---	89.26		
		07/25/11		11.62	---	88.60		
		02/29/12		12.68	---	87.54		
		07/18/13		8.26	---	91.96		
		01/23/14		9.49	---	90.73		
		08/28/14		9.78	---	90.44		
		12/23/14		11.11	---	89.11		
TW-2	03/03/09	03/05/09	99.81	8.17	---	91.64	38	33-38
		10/13/10		10.39	---	89.42		
		07/25/11		11.09	---	88.72		
		02/29/12		11.95	---	87.86		
		07/18/13		7.56	---	92.25		
		01/23/14		8.77	---	91.04		
		08/28/14		9.24	---	90.57		
		12/23/14		10.53	---	89.28		
TW-3	03/03/09	03/05/09	100.95	9.49	---	91.46	40	35-40
		10/13/10		11.58	---	89.37		
		07/25/11		12.07	---	88.88		
		02/29/12		11.92	---	89.03		
		07/18/13		8.68	---	92.27		
		01/23/14		10.32	---	90.63		
		08/28/14		10.37	---	90.58		
		12/23/14		11.81	---	89.14		
RW-1	06/25/12	12/23/14	102.56	11.12	---	91.11	20	5-20
RW-2	06/25/12	12/23/14	102.23	10.78	---	91.45	20	5-20

Notes:
- Top of casing elevations relative to a temporary benchmark with an assumed datum of 100.00 feet; data reported in feet.
- Ground water elevations corrected for presence of free product with an assumed density of 0.8581, if present.

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-1	09/24/03	**175**	265	**773**	4,000	<1.0	**436**	NR	**1.69**	NR	**191**
	08/28/07	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/06/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	06/12/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	08/26/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/05/09	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	10/13/10	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/25/11	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	02/29/12	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/18/13	**1,620**	**7,760**	**1,800**	**14,500**	<21	**975**	<22	<0.0095	NR	NR
	01/23/14	**3,630**	**10,600**	**5,530**	**19,400**	<40	**6,180**	<48	**1.7**	NR	NR
	08/28/14	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	12/23/14	**22.4**	84.1	9.4 J	1,790	<4.0	**142**	<4.8	**0.44**	NR	NR
MW-2	09/24/03	**274**	38.7	**753**	1,530	<1.0	**167**	NR	<0.02	NR	**305**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	**18.3**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
MW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**211**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	<5.00
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
MW-4	03/06/08	**294**	12.1	231	380	<10	**82.6**	<1.0	<0.010	NR	**428**
	06/12/08	**242**	4.75 I	206	193	<0.60	12.9	NR	<0.85	<2.9	NR
	08/26/08	**97.2**	<0.076	71.8	81	0.299 JI	5.66	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**68**	<1.7	15	13	0.53 J	4.0 J	**5.3**	NR	NR	NR
	07/25/11	**17.0**	0.30 J	3.5	2.2 J	<0.34	1.1 J	0.42 J	<0.010	NR	NR
	07/18/13	3.4	2.7	1.0	42.4	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/28/14	0.37 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
MW-5	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**302**
	06/12/08	<0.31	<0.28	1.03	2.17 I	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-6	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**308**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
MW-7	03/06/08	1.10	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**1,250**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
MW-8	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**189**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
MW-9	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**376**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
MW-10	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**267**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-11	03/06/08	**25.4**	1.83	31.1	45.9	<1.0	23.3	<1.0	<0.010	NR	**390**
	06/12/08	**18.4**	3	26.9	105	<0.12	6.91	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	5.0	<1.7	4.1 J	13	<0.40	2.5 J	<0.30	<0.0061	NR	NR
	07/25/11	3.2	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	0.30 J	<0.20	<0.29	1.2 J	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**5.6**	0.71 J	8.7	21.4	<0.20	5.6	0.51 J	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
MW-12	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**699**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	0.34 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.35 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	2.4	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
MW-13	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**346**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
MW-14	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**667**
	06/12/08	0.310 I	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
MW-15	03/07/08	**237**	402	404	2,050	<20	**174**	<20	**0.117**	NR	**153**
	06/12/08	**590**	**1,430**	**791**	4,950	<2.4	**107**	NR	<3.4	7.14 I	NR
	08/26/08	**143**	127	71.2	332	<0.15	24.4	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**180**	15	220	140	<0.40	**36**	<0.30	**0.076**	NR	NR
	07/25/11	**260**	8.9	212	70.1	<1.7	**36.0**	**7.8**	0.017 J	NR	NR
	03/02/12	**136**	**1,040**	318	1,990	<0.34	**31.7**	**5.3**	**0.057**	NR	NR
	07/18/13	**25.4**	15.4	18.6	119	<0.21	5.9	1.3	<0.0094	NR	NR
	01/23/14	2.9	7.8	3.5	60.2	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**31.7**	11.0	56.8	226	<0.20	23.0	2.0	<0.0096	NR	NR
	12/22/14	**8.0**	2.5	15.2	37.5	<0.20	6.9	1.2	<0.0095	NR	NR
MW-15 DUP	03/02/12	**145**	907	322	1,890	<3.4	**30.1 J**	4.7 J	**0.067**	NR	NR
	07/18/13	**22.4**	18.5	26.0	163	<0.21	5.7	1.3	<0.0097	NR	NR
	01/23/14	2.4	6.0	2.0	48.8	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**29.1**	10.5	55.7	206	<0.20	20.6	1.9	<0.0095	NR	NR
	12/22/14	3.0	0.83 J	2.7	21.3	<0.20	1.6 J	0.91 J	<0.0096	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-16	03/07/08	<1.0	<1.0	<1.0	3.7	<1.0	4.15	<1.0	<0.010	NR	**313**
	06/12/08	0.350 I	1.78	0.580 I	2.69	<0.12	0.710 I	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.45 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
MW-17	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**23.7**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.48 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
MW-18	03/07/08	<1.0	<1.0	<1.0	4.42	<1.0	<1.0	<1.0	<0.010	NR	**891**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	3.83 I	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	1.4	<0.28	1.1 J	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
MW-19	06/12/08	**20.5**	3.38	42.2	214	<0.12	**25.4**	1.01	<0.17	<2.9	NR
	08/26/08	**46.4**	19.2 JI	72.4	493	<0.39	**39.8**	NR	NR	NR	NR
	03/05/09	**38.7**	5.8	83.5	286.9	<5.0	**47.2**	NR	NR	NR	NR
	10/13/10	**23**	13	50	380	<0.40	**32**	<0.30	0.028	NR	NR
	07/25/11	3.5	0.5 J	0.43 J	7.8	<0.34	2.5 J	0.54 J	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	0.29 J	2.1	2.0	25.2	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	0.47 J	3.3	0.78 J	36.6	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	4.0	19.6	22.2	274	<0.40	<2.0	<0.48	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
MW-19 DUP	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0092	NR	NR
MW-20	06/12/08	**1,180**	**10,400**	**2,870**	**15,400**	<12	**349**	**12.0 I**	<17	5.07 I	NR
	08/26/08	**1,340**	**17,600**	**4,070**	**23,600**	<7.7	**921**	NR	NR	NR	NR
	03/05/09	**1,200**	**8,400**	**2,160**	**11,380**	<5.0	**613**	NR	NR	NR	NR
	10/13/10	**380**	930	**880**	5,600	<8.0	**140**	<6.0	**0.60**	NR	NR
	07/25/11	**665**	**1,910**	**1,180**	4,640	<6.8	**174**	**10.3 J**	**0.19**	NR	NR
	03/02/12	**325**	788	368	2,030	<3.4	**63.6**	**7.2 J**	<0.0093	NR	NR
	07/18/13	**647**	420	**1,590**	7,020	<11	**98.0 J**	<11	**0.089**	NR	NR
	01/23/14	**426**	441	**943**	4,540	<4.0	**112**	**5.4 J**	**0.12**	NR	NR
	08/29/14	**436**	**1,090**	**1,920**	**12,000**	<10	**244 J**	<12	**0.27**	NR	NR
	12/22/14	**152**	36.4	480	2,250	<2.0	**68.8**	<2.4	**0.15**	NR	NR
MW-20 DUP	07/18/13	**606**	450	**1,760**	8,420	<11	**130 J**	<11	<0.0096	NR	NR
	01/23/14	**457**	342	**846**	3,520	<4.0	**78.5 J**	<4.8	**0.14**	NR	NR
	08/28/14	**432**	**1,090**	**2,040**	**12,600**	<10	**322**	<12	**0.30**	NR	NR
	12/22/14	**173**	45.2	527	2,490	<0.20	**86.4**	2.0	**0.097**	**NR**	**NR**

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-21	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0063	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
MW-22	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
MW-23	06/12/08	**5.58**	<0.28	<0.31	1.28 I	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**66.0**	0.27 J	<0.28	2.1 J	<0.20	3.4 J	1.6	<0.0096	NR	NR
	12/22/14	0.53 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
MW-24	06/12/08	**7,150**	**56,000**	**20,500**	**104,000**	<1,000	**4,310**	<120	<170	**489**	NR
	08/26/08	**8,370**	**31,700**	**6,440**	**40,800**	<31	**3,590**	NR	NR	NR	NR
	03/05/09	**5,300**	**14,700**	**1,650**	**10,340**	<500	**502**	NR	NR	NR	NR
	10/13/10	**7,600**	**21,000**	**1,700**	**14,000**	<40	**630**	**370 J**	**220**	NR	NR
	07/25/11	**11,500**	**25,100**	**2,030**	**11,700**	<170	<500	**241 J**	**85.5**	NR	NR
	03/02/12	**3,340**	**5,770**	440	6,330	<34	**281 J**	**31.6 J**	**7.0**	NR	NR
	07/18/13	**2,700**	**5,950**	**756**	7,150	<11	**170 J**	**37.3 J**	**34.9**	NR	NR
	01/23/14	**4,120**	**19,100**	**1,270**	**16,700**	<40	**325 J**	**51.6 J**	**44.1**	NR	NR
	08/29/14	**5,610**	**21,700**	**1,950**	**17,900**	<50	**794 J**	**126 J**	**44.4**	NR	NR
	12/22/14	**1,830**	**5,120**	356	7,090	<1.0	**530 J**	**66.1**	**30.4**	NR	NR
MW-24 DUP	03/02/12	**3,220**	**3,870**	437	5,550	<17	**264**	**28.3 J**	**4.9**	NR	NR
	07/18/13	**3,100**	**11,400**	**809**	9,990	<4.2	**310**	**44.8**	**40.5**	NR	NR
MW-25	08/26/08	**1,000**	250	**808**	2,680	<1.5	**178**	<1.8	<0.0059	<2.9	**439**
	03/05/09	**108**	108	94.6	225.5	<5.0	13.7	NR	NR	NR	NR
	10/13/10	**22**	2.4 J	16	43	<0.40	2.6 J	<0.30	<0.0061	NR	NR
	07/25/11	**9.8**	0.30J	4.6	6.0	<0.34	1.0J	<0.20	<0.0094	NR	NR
	03/02/12	**645**	952	610	2,100	<3.4	**129**	<2.0	<0.0094	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
MW-26	08/26/08	0.560 JI	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**752**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-27	08/26/08	**620**	902	610	3,040	<1.5	**201**	<1.8	**0.143**	<2.9	**604**
	03/05/09	**978**	691	426	1,496	<25.0	**125**	NR	NR	NR	NR
	10/13/10	**310**	49	140	270	<0.40	24	**9.8**	**0.083**	NR	NR
	07/25/11	**1,320**	145	329	1,020	<6.8	**59.8J**	<4.0	<0.0096	NR	NR
	03/02/12	**617**	43.2	53.9	209	<0.34	13.6	3.1	<0.0094	NR	NR
	07/18/13	**117**	174	154	473	<0.42	2.5 J	2.1	<0.0095	NR	NR
	01/23/14	**46.5**	97.4	61.5	186	<0.20	1.2 J	0.58 J	<0.0095	NR	NR
	08/28/14	**123**	191	179	524	<1.0	<5.0	2.1 J	<0.0095	NR	NR
	12/22/14	**7.3**	1.0	0.59 J	10.9	<0.20	<1.0	0.50 J	<0.0097	NR	NR
MW-28	08/26/08	**409**	19.8 JI	190	654	<0.77	**78.5**	<0.90	<0.0059	<2.9	**553**
	03/05/09	**43.1**	<5.0	16.7	42.1	<5.0	7.4	NR	NR	NR	NR
	10/13/10	4.8 J	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0075	NR	NR
	07/25/11	**5.5**	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	**20.9**	<0.40	2.3	2.9 J	<0.68	<2.0	<0.40	NA	NR	NR
	07/18/13	0.32 J	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	**6.0**	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	1.6	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
MW-29	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**390**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
MW-30	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**49.6**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	1.1	<0.20	0.32 J	1.6 J	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	0.99 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
MW-31	08/26/08	0.512 JI	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**616**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
MW-32	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**2,270**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0062	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
MW-33	08/26/08	3.01 JI	<0.076	2.76 JI	3.52 JI	<0.077	<0.12	1.47 JI	<0.0059	<2.9	**690**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-34	03/06/09	**15.0**	<5.0	<5.0	<15.0	<5.0	**45.7**	<5.0	<0.019	NR	NR
	10/13/10	**19**	1.9 J	<1.7	4.5 J	<0.40	**28**	<0.30	<0.0061	NR	NR
	07/28/11	**50.7**	4.7	17.3	12.6	<0.34	**98.0**	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
MW-34 DUP	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
MW-35	03/06/09	<5.0	<5.0	28.8	108.8	<5.0	**30.9**	<5.0	<0.019	NR	NR
	10/13/10	**5.2**	<1.7	110	28	<0.40	**56**	<0.30	<0.0061	NR	NR
	07/28/11	**6.7**	<0.20	1.7	1.4J	<0.34	**33.7**	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	0.46 J	8.1	47.8	<0.20	2.6 J	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	1.2	1.5 J	<0.20	8.1	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
TW-1	03/07/08	<1.0	3.38	2.54	14.7	<1.0	1.90	<1.0	<0.010	NR	**22.3**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
TW-2	03/06/09	<5.0	24.4	7.4	41	<5.0	5.6	<5.0	<0.020	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
TW-3	03/06/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<0.019	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0059	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
RW-1	12/22/14	**37.0**	95.5	3.6 J	1,340	<1.0	**37.6**	<1.2	**0.083**	NR	NR
RW-2	12/22/14	**33.4**	150	<1.4	1,450	<1.0	**41.8**	<1.2	0.044	NR	NR
WSW-1	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**50.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	**66.9**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**16.6**
	06/12/08	<0.31	0.810 IV	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

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CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-2	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	8.0
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	11.3
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
WSW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**20.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	<5.00
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
WSW-4	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	10.0
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	0.490 J	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
WSW-5	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	6.60
	03/07/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/29/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-6	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
WSW-7	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
WSW-8	08/25/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
Field Blank	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	<0.21	0.30 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0093	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	0.22 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
Trip Blank	02/29/12	NR	NR	NR	NR	NR	NR	NR	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	NR	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	NR	NR	NR
	01/23/14	<0.24	0.26 J	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR

Notes:

- Analyses for volatile organic compounds by EPA Method 8260B; total & filtered lead by EPA Method 6010B; EDB by Method 8011; results reported in µg/l.
- RBSL: May 2001 Risk Based Screening Level.
- Concentrations in bold face type exceeded the RBSL.
- <: Less than the method detection limit specified in the laboratory report.
- I, J: Estimated value; between the MDL and PQL.
- V: Present in laboratory blank.
- NS: Not sampled.
- NR: Not requested.
- FP: Free Product

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Ethanol	ETBA	ETBE	TAME	IPE	TBF	TBA	TAA
MW-1	07/25/11	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	02/29/12	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/18/13	<2,100	<2,000	<55	<49	**30.8 J**	<500	<470	<500
	01/23/14	<4,600	<760	<40	<44	**64.8 J**	<810	<1,800	<1,500
	08/28/14	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	12/23/14	<460	<76	<4.0	<4.4	**4.6 J**	<81	<180	<150
MW-2	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-3	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-4	07/25/11	<25	<25	<0.31	<0.39	**7.0**	<5.0	**18.4 J**	**102**
	07/18/13	<21	<20	<0.55	<0.49	**1.6**	<5.0	<4.7	**37.1**
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	**47.0**
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	**7.5 J**
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-5	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-6	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-7	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-8	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-9	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Ethanol	ETBA	ETBE	TAME	IPE	TBF	TBA	TAA
MW-10	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-11	07/25/11	**78.6J**	<25	<0.31	<0.39	**1.1**	<5.0	<3.0	**22.1**
	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	0.72 J	<4.0	<8.8	**23.3**
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-12	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-13	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-14	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-15	07/25/11	<130	<130	<1.6	<2.0	**14.6**	<25	<15	**413**
	03/02/12	<25	<25	<0.31	<0.39	**10.8**	<5.0	<3.0	**754**
	07/18/13	<21	<20	<0.55	<0.49	**2.4**	<5.0	<4.7	**76.2**
	01/23/14	<23	<3.8	<0.20	<0.22	**0.29 J**	<4.0	<8.8	**11.2 J**
	08/29/14	<23	<3.8	<0.20	<0.22	**3.8**	<4.0	<8.8	**147**
	12/22/14	<23	<3.8	<0.20	<0.22	**3.0**	<4.0	**12.8 J**	**107**
MW-15 DUP	03/02/12	<250	<250	<3.1	<3.9	**9.6J**	<50	<30	**562**
	07/18/13	<21	<20	<0.55	<0.49	**2.8**	<5.0	<4.7	**96.3**
	01/23/14	<23	<3.8	<0.20	<0.22	**0.26 J**	<4.0	<8.8	**9.2 J**
	08/29/14	<23	<3.8	<0.20	<0.22	**3.6**	<4.0	<8.8	**164**
	12/22/14	<23	<3.8	<0.20	<0.22	**2.1**	<4.0	**9.5 J**	**68.9**
MW-16	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-17	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Ethanol	ETBA	ETBE	TAME	IPE	TBF	TBA	TAA
MW-18	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-19	07/25/11	<25	<25	<0.31	<0.39	**1.2**	<5.0	<3.0	**27.1**
	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	**0.89 J**	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-19 DUP	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
MW-20	07/25/11	<500	<500	<6.2	<7.8	**12.1J**	<100	<60	**454**
	03/02/12	<250	<250	<3.1	<3.9	**9.5J**	<50	<30	**589**
	07/18/13	<1,100	<1,000	<28	<24	<13	<250	<240	**308 J**
	01/23/14	<460	<76	<4.0	<4.4	**6.0 J**	<81	<180	<350
	08/29/14	<1,200	<190	<10	<11	<11	<200	<440	<370
	12/22/14	<230	<38	<2.0	<2.2	<2.3	<40	<88	**197 J**
MW-20 DUP	07/18/13	<1,100	<1,000	<28	<24	<13	<250	<240	**405 J**
	01/23/14	<460	<76	<4.0	<4.4	**7.0 J**	<81	<180	**325 J**
	08/28/14	<1,200	<190	<10	<11	<11	<200	<440	<370
	12/22/14	<23	<3.8	<0.20	<0.22	**2.4**	<4.0	<8.8	**218**
MW-22	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
MW-23	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	**7.7**	<4.0	<8.8	**70.6**
	12/22/14	<23	<3.8	<0.20	<0.22	**0.54 J**	<4.0	<8.8	<7.4
MW-24	07/25/11	<13,000	<13,000	<160	<200	**560**	<2,500	<1,500	**16,200**
	03/02/12	<2,500	<2,500	<31	<39	**100**	<500	<300	**3,040**
	07/18/13	<1,100	<1,000	<28	<24	**83.0**	<250	<240	**1,140**
	01/23/14	<4,600	<760	<40	<44	**111 J**	<810	<1,800	<1,500
	08/29/14	<5,800	<950	<50	<55	**185 J**	<1,000	<2,200	**7,730**
	12/22/14	<120	<19	<1.0	<1.1	**121**	<20	**81.9 J**	**8,630**
MW-24 DUP	03/02/12	<1,300	<1,300	<16	<20	**100**	<250	<150	**3,080**
	07/18/13	<420	<400	<11	<9.7	**101**	<100	<95	**1,190**
MW-25	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	**5.1J**
	03/02/12	<250	<250	<3.1	<3.9	**14.3**	<50	<30	**823**
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS
	08/28/14	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Ethanol	ETBA	ETBE	TAME	IPE	TBF	TBA	TAA
MW-26	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-27	07/25/11	<500	<500	<6.2	<7.8	**95.6**	<100	<60	**1,410**
	03/02/12	<25	<25	<0.31	<0.39	**90.0**	<5.0	<3.0	**3,150**
	07/18/13	<42	<40	<1.1	<0.97	**14.1**	<10	**72.4**	**173**
	01/23/14	<23	<3.8	<0.20	<0.22	**2.8**	<4.0	<8.8	**154**
	08/28/14	<120	<19	<1.0	<1.1	**7.4**	<20	**68.0 J**	**96.5 J**
	12/22/14	<23	<3.8	<0.20	<0.22	**6.3**	<4.0	**28.1**	**141**
MW-28	07/25/11	<25	<25	<0.31	<0.39	**0.87 J**	<5.0	<3.0	**21.7**
	03/01/12	<50	<50	<0.62	<0.78	**2.4**	<10	<6.0	**122**
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	**1.0**	<4.0	<8.8	**92.2**
	12/22/14	<23	<3.8	<0.20	<0.22	**0.81 J**	<4.0	**11.6 J**	**101**
MW-29	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-30	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	**5.0 J**
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-31	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-32	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Ethanol	ETBA	ETBE	TAME	IPE	TBF	TBA	TAA
MW-33	03/01/12	<25	<25	<0.31	<0.39	**0.49 J**	<5.0	<3.0	**7.6J**
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-34	07/28/11	<25	<25	<0.31	<0.39	**0.93 J**	<5.0	**13.7J**	**205**
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-34 DUP	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
MW-35	07/28/11	<25	<25	<0.31	<0.39	<0.35	<5.0	**7.2 J**	**25.8**
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
TW-1	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	03/02/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
TW-2	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	03/02/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
TW-3	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	03/02/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
RW-1	12/22/14	<120	<19	<1.0	<1.1	<1.1	<20	<44	<37
RW-2	12/22/14	<120	<19	<1.0	<1.1	**1.2 J**	<20	<44	**46.5 J**
WSW-1	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Ethanol	ETBA	ETBE	TAME	IPE	TBF	TBA	TAA
WSW-2	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
WSW-3	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
WSW-4	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/29/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
WSW-6	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
WSW-7	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
WSW-8	07/25/11	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Ethanol	ETBA	ETBE	TAME	IPE	TBF	TBA	TAA
Field Blank	02/29/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
Trip Blank	03/01/12	<25	<25	<0.31	<0.39	<0.35	<5.0	<3.0	<5.0
	07/18/13	<21	<20	<0.55	<0.49	<0.25	<5.0	<4.7	<5.0
	01/23/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	08/28/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4
	12/22/14	<23	<3.8	<0.20	<0.22	<0.23	<4.0	<8.8	<7.4

- Analyses for selected oxygenates by EPA Method 8260B; results reported in µg/l.
- <: Less than the report limit specified in the laboratory report.
- FP: Free product.
- NS: Not sampled.

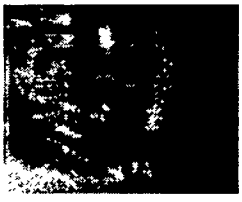
APPENDICES

APPENDIX A

Laboratory Analytical Report – Ground Water Samples

Southeast
ACCUTEST
LABORATORIES

12/31/14



Technical Report for

GRI (Geological Resources Inc.)

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

08825

Accutest Job Number: FA21058

Sampling Dates: 12/22/14 - 12/23/14

Report to:

GRI
3502 Hayes Rd
Monroe, NC 28110
wsb@geologicalresourcesinc.com; carriekennedy@geologicalresourcesinc.com;
jjr@geologicalresourcesinc.com; nml@geologicalresourcesinc.com
ATTN: Scott Ball

Total number of pages in report: **146**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

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Test results relate only to samples analyzed.

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Sample Summary

GRI (Geological Resources Inc.)

Job No: FA21058

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA21058-1	12/23/14	10:36	DB	12/24/14	AQ	Ground Water	08825 MW-1
FA21058-2	12/23/14	09:21	DB	12/24/14	AQ	Ground Water	08825 MW-2
FA21058-3	12/22/14	14:38	DB	12/24/14	AQ	Ground Water	08825 MW-3
FA21058-4	12/22/14	14:48	DB	12/24/14	AQ	Ground Water	08825 MW-4
FA21058-5	12/22/14	13:06	DB	12/24/14	AQ	Ground Water	08825 MW-5
FA21058-6	12/22/14	13:17	DB	12/24/14	AQ	Ground Water	08825 MW-6
FA21058-7	12/22/14	13:28	DB	12/24/14	AQ	Ground Water	08825 MW-7
FA21058-8	12/22/14	14:04	DB	12/24/14	AQ	Ground Water	08825 MW-8
FA21058-9	12/22/14	14:22	DB	12/24/14	AQ	Ground Water	08825 MW-9
FA21058-10	12/23/14	08:59	DB	12/24/14	AQ	Ground Water	08825 MW-10
FA21058-11	12/22/14	17:00	DB	12/24/14	AQ	Ground Water	08825 MW-11
FA21058-12	12/22/14	16:44	DB	12/24/14	AQ	Ground Water	08825 MW-12
FA21058-13	12/22/14	10:21	DB	12/24/14	AQ	Ground Water	08825 MW-13

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA21058

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
FA21058-14	12/22/14	10:30 DB	12/24/14	AQ	Ground Water	08825 MW-14
FA21058-15	12/22/14	10:39 DB	12/24/14	AQ	Ground Water	08825 MW-15
FA21058-16	12/22/14	11:28 DB	12/24/14	AQ	Ground Water	08825 MW-16
FA21058-17	12/22/14	11:43 DB	12/24/14	AQ	Ground Water	08825 MW-17
FA21058-18	12/22/14	11:37 DB	12/24/14	AQ	Ground Water	08825 MW-18
FA21058-19	12/22/14	10:11 DB	12/24/14	AQ	Ground Water	08825 MW-19
FA21058-20	12/22/14	17:31 DB	12/24/14	AQ	Ground Water	08825 MW-20
FA21058-21	12/22/14	13:49 DB	12/24/14	AQ	Ground Water	08825 MW-23
FA21058-22	12/22/14	10:51 DB	12/24/14	AQ	Ground Water	08825 MW-24
FA21058-23	12/23/14	09:11 DB	12/24/14	AQ	Ground Water	08825 MW-26
FA21058-24	12/22/14	17:08 DB	12/24/14	AQ	Ground Water	08825 MW-27
FA21058-25	12/22/14	13:41 DB	12/24/14	AQ	Ground Water	08825 MW-28
FA21058-26	12/22/14	10:04 DB	12/24/14	AQ	Ground Water	08825 MW-29

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA21058

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA21058-27	12/22/14	09:57	DB	12/24/14	AQ	Ground Water	08825 MW-30
FA21058-28	12/22/14	16:53	DB	12/24/14	AQ	Ground Water	08825 MW-31
FA21058-29	12/22/14	17:23	DB	12/24/14	AQ	Ground Water	08825 MW-32
FA21058-30	12/22/14	17:16	DB	12/24/14	AQ	Ground Water	08825 MW-33
FA21058-31	12/22/14	11:08	DB	12/24/14	AQ	Ground Water	08825 MW-34
FA21058-32	12/22/14	10:59	DB	12/24/14	AQ	Ground Water	08825 MW-35
FA21058-33	12/23/14	10:48	DB	12/24/14	AQ	Ground Water	08825 RW-1
FA21058-34	12/23/14	10:26	DB	12/24/14	AQ	Ground Water	08825 RW-2
FA21058-35	12/23/14	10:16	DB	12/24/14	AQ	Ground Water	08825 TW-1
FA21058-36	12/23/14	09:43	DB	12/24/14	AQ	Ground Water	08825 TW-2
FA21058-37	12/23/14	11:14	DB	12/24/14	AQ	Ground Water	08825 TW-3
FA21058-38	12/22/14	14:32	DB	12/24/14	AQ	Ground Water	08825 WSW-2
FA21058-39	12/22/14	14:14	DB	12/24/14	AQ	Ground Water	08825 WSW-3

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA21058

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA21058-40	12/22/14	16:36	DB	12/24/14	AQ	Ground Water	08825 WSW-4
FA21058-41	12/22/14	16:32	DB	12/24/14	AQ	Ground Water	08825 WSW-6
FA21058-42	12/22/14	14:59	DB	12/24/14	AQ	Ground Water	08825 WSW-7
FA21058-43	12/22/14	11:18	DB	12/24/14	AQ	Ground Water	08825 WSW-8
FA21058-44	12/22/14	00:00	DB	12/24/14	AQ	Ground Water	08825 DUP A
FA21058-45	12/22/14	00:00	DB	12/24/14	AQ	Ground Water	08825 DUP B
FA21058-46	12/22/14	00:00	DB	12/24/14	AQ	Ground Water	08825 DUP C
FA21058-47	12/23/14	11:31	DB	12/24/14	AQ	Field Blank Water	08825 FIELD BLANK
FA21058-48	12/22/14	00:00	DB	12/24/14	AQ	Trip Blank Water	08825 TRIP BLANK

Summary of Hits

Job Number: FA21058
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 12/22/14 thru 12/23/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA21058-1	**08825 MW-1**					
Benzene		22.4	20	4.9	ug/l	SW846 8260B
Toluene		84.1	20	4.0	ug/l	SW846 8260B
Ethylbenzene		9.4 J	20	5.6	ug/l	SW846 8260B
Xylene (total)		1790	60	13	ug/l	SW846 8260B
Naphthalene		142	100	20	ug/l	SW846 8260B
Di-Isopropyl ether		4.6 J	20	4.5	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.44	0.019	0.0097	ug/l	SW846 8011
FA21058-2	**08825 MW-2**					
No hits reported in this sample.						
FA21058-3	**08825 MW-3**					
No hits reported in this sample.						
FA21058-4	**08825 MW-4**					
No hits reported in this sample.						
FA21058-5	**08825 MW-5**					
No hits reported in this sample.						
FA21058-6	**08825 MW-6**					
No hits reported in this sample.						
FA21058-7	**08825 MW-7**					
No hits reported in this sample.						
FA21058-8	**08825 MW-8**					
No hits reported in this sample.						
FA21058-9	**08825 MW-9**					
No hits reported in this sample.						
FA21058-10	**08825 MW-10**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA21058
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 12/22/14 thru 12/23/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA21058-20	**08825 MW-20**					
Benzene		152	10	2.4	ug/l	SW846 8260B
Toluene		36.4	10	2.0	ug/l	SW846 8260B
Ethylbenzene		480	10	2.8	ug/l	SW846 8260B
Xylene (total)		2250	30	6.6	ug/l	SW846 8260B
Naphthalene		68.8	50	10	ug/l	SW846 8260B
Tert-Amyl Alcohol		197 J	200	74	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.15	0.019	0.0095	ug/l	SW846 8011
FA21058-21	**08825 MW-23**					
Benzene		0.53 J	1.0	0.24	ug/l	SW846 8260B
Di-Isopropyl ether		0.54 J	1.0	0.23	ug/l	SW846 8260B
FA21058-22	**08825 MW-24**					
Benzene		1830	200	49	ug/l	SW846 8260B
Toluene		5120	200	40	ug/l	SW846 8260B
Ethylbenzene		356	5.0	1.4	ug/l	SW846 8260B
Xylene (total)		7090	600	130	ug/l	SW846 8260B
Naphthalene		530 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		66.1	5.0	1.2	ug/l	SW846 8260B
Di-Isopropyl ether		121	5.0	1.1	ug/l	SW846 8260B
Tert-Amyl Alcohol		8630	4000	1500	ug/l	SW846 8260B
Tert-Butyl Alcohol		81.9 J	100	44	ug/l	SW846 8260B
1,2-Dibromoethane [a]		30.4	1.9	0.95	ug/l	SW846 8011
FA21058-23	**08825 MW-26**					
No hits reported in this sample.						
FA21058-24	**08825 MW-27**					
Benzene		7.3	1.0	0.24	ug/l	SW846 8260B
Toluene		1.0	1.0	0.20	ug/l	SW846 8260B
Ethylbenzene		0.59 J	1.0	0.28	ug/l	SW846 8260B
Xylene (total)		10.9	3.0	0.66	ug/l	SW846 8260B
1,2-Dichloroethane		0.50 J	1.0	0.24	ug/l	SW846 8260B
Di-Isopropyl ether		6.3	1.0	0.23	ug/l	SW846 8260B
Tert-Amyl Alcohol		141	20	7.4	ug/l	SW846 8260B
Tert-Butyl Alcohol		28.1	20	8.8	ug/l	SW846 8260B

Summary of Hits

Job Number: FA21058
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 12/22/14 thru 12/23/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA21058-11	**08825 MW-11**					
No hits reported in this sample.						
FA21058-12	**08825 MW-12**					
No hits reported in this sample.						
FA21058-13	**08825 MW-13**					
No hits reported in this sample.						
FA21058-14	**08825 MW-14**					
No hits reported in this sample.						
FA21058-15	**08825 MW-15**					
Benzene		8.0	1.0	0.24	ug/l	SW846 8260B
Toluene		2.5	1.0	0.20	ug/l	SW846 8260B
Ethylbenzene		15.2	1.0	0.28	ug/l	SW846 8260B
Xylene (total)		37.5	3.0	0.66	ug/l	SW846 8260B
Naphthalene		6.9	5.0	1.0	ug/l	SW846 8260B
1,2-Dichloroethane		1.2	1.0	0.24	ug/l	SW846 8260B
Di-Isopropyl ether		3.0	1.0	0.23	ug/l	SW846 8260B
Tert-Amyl Alcohol		107	20	7.4	ug/l	SW846 8260B
Tert-Butyl Alcohol		12.8 J	20	8.8	ug/l	SW846 8260B
FA21058-16	**08825 MW-16**					
No hits reported in this sample.						
FA21058-17	**08825 MW-17**					
No hits reported in this sample.						
FA21058-18	**08825 MW-18**					
No hits reported in this sample.						
FA21058-19	**08825 MW-19**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA21058
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 12/22/14 thru 12/23/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA21058-25	**08825 MW-28**					
Benzene		1.6	1.0	0.24	ug/l	SW846 8260B
Di-Isopropyl ether		0.81 J	1.0	0.23	ug/l	SW846 8260B
Tert-Amyl Alcohol		101	20	7.4	ug/l	SW846 8260B
Tert-Butyl Alcohol		11.6 J	20	8.8	ug/l	SW846 8260B
FA21058-26	**08825 MW-29**					
No hits reported in this sample.						
FA21058-27	**08825 MW-30**					
No hits reported in this sample.						
FA21058-28	**08825 MW-31**					
No hits reported in this sample.						
FA21058-29	**08825 MW-32**					
No hits reported in this sample.						
FA21058-30	**08825 MW-33**					
No hits reported in this sample.						
FA21058-31	**08825 MW-34**					
No hits reported in this sample.						
FA21058-32	**08825 MW-35**					
No hits reported in this sample.						
FA21058-33	**08825 RW-1**					
Benzene		37.0	5.0	1.2	ug/l	SW846 8260B
Toluene		95.5	5.0	1.0	ug/l	SW846 8260B
Ethylbenzene		3.6 J	5.0	1.4	ug/l	SW846 8260B
Xylene (total)		1340	30	6.6	ug/l	SW846 8260B
Naphthalene		37.6	25	5.0	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.083	0.019	0.0094	ug/l	SW846 8011

Summary of Hits

Job Number: FA21058
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 12/22/14 thru 12/23/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA21058-34	**08825 RW-2**					
Benzene		33.4	5.0	1.2	ug/l	SW846 8260B
Toluene		150	5.0	1.0	ug/l	SW846 8260B
Xylene (total)		1450	30	6.6	ug/l	SW846 8260B
Naphthalene		41.8	25	5.0	ug/l	SW846 8260B
Di-Isopropyl ether		1.2 J	5.0	1.1	ug/l	SW846 8260B
Tert-Amyl Alcohol		46.5 J	100	37	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.044	0.019	0.0097	ug/l	SW846 8011
FA21058-35	**08825 TW-1**					
No hits reported in this sample.						
FA21058-36	**08825 TW-2**					
No hits reported in this sample.						
FA21058-37	**08825 TW-3**					
No hits reported in this sample.						
FA21058-38	**08825 WSW-2**					
No hits reported in this sample.						
FA21058-39	**08825 WSW-3**					
No hits reported in this sample.						
FA21058-40	**08825 WSW-4**					
No hits reported in this sample.						
FA21058-41	**08825 WSW-6**					
No hits reported in this sample.						
FA21058-42	**08825 WSW-7**					
No hits reported in this sample.						
FA21058-43	**08825 WSW-8**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA21058
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 12/22/14 thru 12/23/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA21058-44	**08825 DUP A**					
Benzene		3.0	1.0	0.24	ug/l	SW846 8260B
Toluene		0.83 J	1.0	0.20	ug/l	SW846 8260B
Ethylbenzene		2.7	1.0	0.28	ug/l	SW846 8260B
Xylene (total)		21.3	3.0	0.66	ug/l	SW846 8260B
Naphthalene		1.6 J	5.0	1.0	ug/l	SW846 8260B
1,2-Dichloroethane		0.91 J	1.0	0.24	ug/l	SW846 8260B
Di-Isopropyl ether		2.1	1.0	0.23	ug/l	SW846 8260B
Tert-Amyl Alcohol		68.9	20	7.4	ug/l	SW846 8260B
Tert-Butyl Alcohol		9.5 J	20	8.8	ug/l	SW846 8260B
FA21058-45	**08825 DUP B**					
Benzene		173	50	12	ug/l	SW846 8260B
Toluene		45.2	1.0	0.20	ug/l	SW846 8260B
Ethylbenzene		527	50	14	ug/l	SW846 8260B
Xylene (total)		2490	150	33	ug/l	SW846 8260B
Naphthalene		86.4	5.0	1.0	ug/l	SW846 8260B
1,2-Dichloroethane		2.0	1.0	0.24	ug/l	SW846 8260B
Di-Isopropyl ether		2.4	1.0	0.23	ug/l	SW846 8260B
Tert-Amyl Alcohol		218	20	7.4	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.097	0.019	0.0097	ug/l	SW846 8011
FA21058-46	**08825 DUP C**					
No hits reported in this sample.						
FA21058-47	**08825 FIELD BLANK**					
No hits reported in this sample.						
FA21058-48	**08825 TRIP BLANK**					
No hits reported in this sample.						

(a) All hits confirmed by dual column analysis.

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-1		
Lab Sample ID:	FA21058-1	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962720.D	20	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	22.4	20	4.9	ug/l	
108-88-3	Toluene	84.1	20	4.0	ug/l	
100-41-4	Ethylbenzene	9.4	20	5.6	ug/l	J
1330-20-7	Xylene (total)	1790	60	13	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	4.0	ug/l	
91-20-3	Naphthalene	142	100	20	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	4.8	ug/l	
108-20-3	Di-Isopropyl ether	4.6	20	4.5	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	1000	76	ug/l	
64-17-5	Ethyl Alcohol	ND	2000	460	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	40	4.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	400	150	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	40	4.4	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	400	180	ug/l	
762-75-4	Tert-Butyl Formate	ND	400	81	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-1		
Lab Sample ID:	FA21058-1	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD79862.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.44	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	66%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-2		
Lab Sample ID:	FA21058-2	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962663.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-2		
Lab Sample ID:	FA21058-2	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79864.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	64%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-3		
Lab Sample ID:	FA21058-3	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962719.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-3		
Lab Sample ID:	FA21058-3	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79866.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-4		
Lab Sample ID:	FA21058-4	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962665.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	93%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-4		
Lab Sample ID:	FA21058-4	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79867.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	69%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-5		
Lab Sample ID:	FA21058-5	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962666.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-5		
Lab Sample ID:	FA21058-5	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79870.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-6		
Lab Sample ID:	FA21058-6	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962667.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-6		
Lab Sample ID:	FA21058-6	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79871.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	75%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-7		
Lab Sample ID:	FA21058-7	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962668.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-7		
Lab Sample ID:	FA21058-7	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79872.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	70%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-8		
Lab Sample ID:	FA21058-8	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962669.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-8		
Lab Sample ID:	FA21058-8	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79873.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-9		
Lab Sample ID:	FA21058-9	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962670.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-9		
Lab Sample ID:	FA21058-9	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79874.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	73%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-10		
Lab Sample ID:	FA21058-10	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962671.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-10		
Lab Sample ID:	FA21058-10	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79875.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-11		
Lab Sample ID:	FA21058-11	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962672.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-11		
Lab Sample ID:	FA21058-11	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79876.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	69%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-12		
Lab Sample ID:	FA21058-12	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962673.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-12		
Lab Sample ID:	FA21058-12	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79877.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-13		
Lab Sample ID:	FA21058-13	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962674.D	1	12/29/14	MM	n/a	n/a	VJ4858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-13		
Lab Sample ID:	FA21058-13	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79878.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.6 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	76%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-14		
Lab Sample ID:	FA21058-14	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962721.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-14		
Lab Sample ID:	FA21058-14	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79879.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-15		
Lab Sample ID:	FA21058-15	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962722.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	8.0	1.0	0.24	ug/l	
108-88-3	Toluene	2.5	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	15.2	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	37.5	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	6.9	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	1.2	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	3.0	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	107	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	12.8	20	8.8	ug/l	J
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-15		
Lab Sample ID:	FA21058-15	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79882.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	78%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-16		
Lab Sample ID:	FA21058-16	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962723.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-16		
Lab Sample ID:	FA21058-16	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79883.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.6 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-17		
Lab Sample ID:	FA21058-17	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962724.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-17		
Lab Sample ID:	FA21058-17	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79884.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-18		
Lab Sample ID:	FA21058-18	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962725.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-18		
Lab Sample ID:	FA21058-18	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79885.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	38.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.018	0.0092	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-19		
Lab Sample ID:	FA21058-19	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962726.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-19		
Lab Sample ID:	FA21058-19	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79886.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	115%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-20		
Lab Sample ID:	FA21058-20	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962778.D	10	12/31/14	MM	n/a	n/a	VJ4862
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	152	10	2.4	ug/l	
108-88-3	Toluene	36.4	10	2.0	ug/l	
100-41-4	Ethylbenzene	480	10	2.8	ug/l	
1330-20-7	Xylene (total)	2250	30	6.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	2.0	ug/l	
91-20-3	Naphthalene	68.8	50	10	ug/l	
107-06-2	1,2-Dichloroethane	ND	10	2.4	ug/l	
108-20-3	Di-Isopropyl ether	ND	10	2.3	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	500	38	ug/l	
64-17-5	Ethyl Alcohol	ND	1000	230	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	20	2.0	ug/l	
75-85-4	Tert-Amyl Alcohol	197	200	74	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	20	2.2	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	200	88	ug/l	
762-75-4	Tert-Butyl Formate	ND	200	40	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-20		
Lab Sample ID:	FA21058-20	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD79887.D	1	12/31/14	NG	12/30/14	OP54439	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.15	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-23		
Lab Sample ID:	FA21058-21	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962728.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.53	1.0	0.24	ug/l	J
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	0.54	1.0	0.23	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-23		
Lab Sample ID:	FA21058-21	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79893.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	71%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-24		
Lab Sample ID:	FA21058-22	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962779.D	5	12/31/14	MM	n/a	n/a	VJ4862
Run #2	J0962729.D	200	12/30/14	MM	n/a	n/a	VJ4860

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1830 [a]	200	49	ug/l	
108-88-3	Toluene	5120 [a]	200	40	ug/l	
100-41-4	Ethylbenzene	356	5.0	1.4	ug/l	
1330-20-7	Xylene (total)	7090 [a]	600	130	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/l	
91-20-3	Naphthalene	530 [a]	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	66.1	5.0	1.2	ug/l	
108-20-3	Di-Isopropyl ether	121	5.0	1.1	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	250	19	ug/l	
64-17-5	Ethyl Alcohol	ND	500	120	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	8630 [a]	4000	1500	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	10	1.1	ug/l	
75-65-0	Tert-Butyl Alcohol	81.9	100	44	ug/l	J
762-75-4	Tert-Butyl Formate	ND	100	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	105%	79-125%
2037-26-5	Toluene-D8	101%	98%	85-112%
460-00-4	4-Bromofluorobenzene	103%	100%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-24		
Lab Sample ID:	FA21058-22	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD79933.D	100	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	30.4	1.9	0.95	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	0% [b]		63-137%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits due to dilution.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-26		
Lab Sample ID:	FA21058-23	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962730.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-26		
Lab Sample ID:	FA21058-23	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79897.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	75%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-27		
Lab Sample ID:	FA21058-24	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962777.D	1	12/31/14	MM	n/a	n/a	VJ4862
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	7.3	1.0	0.24	ug/l	
108-88-3	Toluene	1.0	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	0.59	1.0	0.28	ug/l	J
1330-20-7	Xylene (total)	10.9	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.50	1.0	0.24	ug/l	J
108-20-3	Di-Isopropyl ether	6.3	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	141	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	28.1	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-27		
Lab Sample ID:	FA21058-24	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79898.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	69%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-28		
Lab Sample ID:	FA21058-25	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962732.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.6	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	0.81	1.0	0.23	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	101	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	11.6	20	8.8	ug/l	J
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-28		
Lab Sample ID:	FA21058-25	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79899.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	72%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-29		
Lab Sample ID:	FA21058-26	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962733.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-29		
Lab Sample ID:	FA21058-26	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79902.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	73%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-30		
Lab Sample ID:	FA21058-27	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962734.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-30		
Lab Sample ID:	FA21058-27	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79903.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	64%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-31		
Lab Sample ID:	FA21058-28	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962735.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-31		
Lab Sample ID:	FA21058-28	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79904.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-32		
Lab Sample ID:	FA21058-29	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962736.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-32		
Lab Sample ID:	FA21058-29	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79905.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-33		
Lab Sample ID:	FA21058-30	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962737.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-33		
Lab Sample ID:	FA21058-30	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79906.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-34		
Lab Sample ID:	FA21058-31	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962738.D	1	12/30/14	MM	n/a	n/a	VJ4860
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-34		
Lab Sample ID:	FA21058-31	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79907.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-35		
Lab Sample ID:	FA21058-32	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962749.D	1	12/30/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-35		
Lab Sample ID:	FA21058-32	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79908.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 RW-1		
Lab Sample ID:	FA21058-33	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962781.D	5	12/31/14	MM	n/a	n/a	VJ4862
Run #2	J0962750.D	10	12/30/14	MM	n/a	n/a	VJ4861

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	37.0	5.0	1.2	ug/l	
108-88-3	Toluene	95.5	5.0	1.0	ug/l	
100-41-4	Ethylbenzene	3.6	5.0	1.4	ug/l	J
1330-20-7	Xylene (total)	1340 [a]	30	6.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/l	
91-20-3	Naphthalene	37.6	25	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.2	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	1.1	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	250	19	ug/l	
64-17-5	Ethyl Alcohol	ND	500	120	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	100	37	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	10	1.1	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	100	44	ug/l	
762-75-4	Tert-Butyl Formate	ND	100	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	106%	79-125%
2037-26-5	Toluene-D8	98%	101%	85-112%
460-00-4	4-Bromofluorobenzene	102%	101%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 RW-1		
Lab Sample ID:	FA21058-33	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD79909.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.083	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	80%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 RW-2		
Lab Sample ID:	FA21058-34	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962782.D	5	12/31/14	MM	n/a	n/a	VJ4862
Run #2	J0962751.D	10	12/31/14	MM	n/a	n/a	VJ4861

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	33.4	5.0	1.2	ug/l	
108-88-3	Toluene	150	5.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	5.0	1.4	ug/l	
1330-20-7	Xylene (total)	1450 [a]	30	6.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/l	
91-20-3	Naphthalene	41.8	25	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.2	ug/l	
108-20-3	Di-Isopropyl ether	1.2	5.0	1.1	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	250	19	ug/l	
64-17-5	Ethyl Alcohol	ND	500	120	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	46.5	100	37	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	10	1.1	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	100	44	ug/l	
762-75-4	Tert-Butyl Formate	ND	100	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	107%	79-125%
2037-26-5	Toluene-D8	100%	99%	85-112%
460-00-4	4-Bromofluorobenzene	102%	101%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 RW-2		
Lab Sample ID:	FA21058-34	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD79910.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.044	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	76%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TW-1		
Lab Sample ID:	FA21058-35	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962752.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TW-1		
Lab Sample ID:	FA21058-35	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79911.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TW-2		
Lab Sample ID:	FA21058-36	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962753.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TW-2		
Lab Sample ID:	FA21058-36	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79914.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	75%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TW-3		
Lab Sample ID:	FA21058-37	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962754.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TW-3		
Lab Sample ID:	FA21058-37	**Date Sampled:**	12/23/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79915.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-2		
Lab Sample ID:	FA21058-38	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962755.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-2		
Lab Sample ID:	FA21058-38	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79916.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	35.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-3		
Lab Sample ID:	FA21058-39	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962756.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-3		
Lab Sample ID:	FA21058-39	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79917.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-4		
Lab Sample ID:	FA21058-40	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962757.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-4		
Lab Sample ID:	FA21058-40	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79918.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.6 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-6		
Lab Sample ID:	FA21058-41	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962758.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-6		
Lab Sample ID:	FA21058-41	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79921.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	65%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-7		
Lab Sample ID:	FA21058-42	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962759.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-7		
Lab Sample ID:	FA21058-42	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79925.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	73%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-8		
Lab Sample ID:	FA21058-43	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962760.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-8		
Lab Sample ID:	FA21058-43	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79927.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	67%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUP A		
Lab Sample ID:	FA21058-44	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962761.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.0	1.0	0.24	ug/l	
108-88-3	Toluene	0.83	1.0	0.20	ug/l	J
100-41-4	Ethylbenzene	2.7	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	21.3	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	1.6	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	0.91	1.0	0.24	ug/l	J
108-20-3	Di-Isopropyl ether	2.1	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	68.9	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	9.5	20	8.8	ug/l	J
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUP A		
Lab Sample ID:	FA21058-44	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79928.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUP B		
Lab Sample ID:	FA21058-45	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962762.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2	J0962785.D	50	12/31/14	MM	n/a	n/a	VJ4862

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	173 [a]	50	12	ug/l	
108-88-3	Toluene	45.2	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	527 [a]	50	14	ug/l	
1330-20-7	Xylene (total)	2490 [a]	150	33	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	86.4	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	2.0	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	2.4	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	218	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	101%	79-125%
2037-26-5	Toluene-D8	104%	101%	85-112%
460-00-4	4-Bromofluorobenzene	105%	101%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUP B		
Lab Sample ID:	FA21058-45	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD79929.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.097	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	75%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUP C		
Lab Sample ID:	FA21058-46	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962784.D	1	12/31/14	MM	n/a	n/a	VJ4862
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUP C		
Lab Sample ID:	FA21058-46	**Date Sampled:**	12/22/14
Matrix:	AQ - Ground Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79930.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	76%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 FIELD BLANK		
Lab Sample ID:	FA21058-47	**Date Sampled:**	12/23/14
Matrix:	AQ - Field Blank Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962764.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 FIELD BLANK		
Lab Sample ID:	FA21058-47	**Date Sampled:**	12/23/14
Matrix:	AQ - Field Blank Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79931.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	36.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	72%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TRIP BLANK		
Lab Sample ID:	FA21058-48	**Date Sampled:**	12/22/14
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/24/14
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0962765.D	1	12/31/14	MM	n/a	n/a	VJ4861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TRIP BLANK		
Lab Sample ID:	FA21058-48	**Date Sampled:**	12/22/14
Matrix:	AQ - Trip Blank Water	**Date Received:**	12/24/14
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD79932.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
Run #2							

	Initial Volume	Final Volume
Run #1	35.6 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	72%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
3,3-Dimethyl-1-Butanol	624-95-3	SW846 8260B	AQ	Certified by SOP MS005
Di-Isopropyl ether	108-20-3	SW846 8260B	AQ	Certified by SOP MS005
Tert-Amyl Alcohol	75-85-4	SW846 8260B	AQ	Certified by SOP MS005
Tert-Butyl Formate	762-75-4	SW846 8260B	AQ	Certified by SOP MS005

Accutest Laboratories Southeast
Chain of Custody

ACCUTEST LABORATORIES

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

Accutest JOB # FA21058 PAGE 1 OF 5

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: GEOLOGICAL RESOURCES INC
Address: 3502 HAYES Rd.
City: MONROE State: NC Zip: 28110
Project Contact: SCOTT BALL E-mail: wsb@geo...
Phone#: 704-845-4010
Sampler(s) Name(s) (Printed): DANIEL BEALL

Project Information

Project Name: LENOIR STORE
Street: 3240 HORATIO HAGOOD Rd.
City: HORATIO State: SC
Project #: 08825
Fax #:
Client Purchase Order #:

Analytical Information

Accutest Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	HNO3	H2SO4	NaOH	NaOH+ZnAc	DI WATER	8260 (MTBE, MeOH, 1,2-DCA, ETH, MeCl, BTEX, NAPH)	8260 (BTEX, NAPH)	EDD x 8011	Matrix Codes
1	08825 MW-1 HOT	12/3/14	1036	DEB	GW	5			X						X	X	X	
2	08825 MW-2	12/3/14	0921	DEB	GW	5			X						X	X	X	
3	08825 MW-3	12/3/14	1138	DEB	GW	5			X						X	X	X	
4	08825 MW-4	12/3/14	1118	DEB	GW	5			X						X	X	X	
5	08825 MW-5	12/3/14	1306	DEB	GW	5			X						X	X	X	
6	08825 MW-6	12/3/14	1317	DEB	GW	5			X						X	X	X	
7	08825 MW-7	12/3/14	1328	DEB	GW	5			X						X	X	X	
8	08825 MW-8	12/3/14	1404	DEB	GW	5			X						X	X	X	
9	08825 MW-9	12/3/14	1433	DEB	GW	5			X						X	X	X	
10	08825 MW-10	12/3/14	0859	DEB	GW	5			X						X	X	X	
11	08825 MW-11	12/3/14	1700	DEB	GW	5			X						X	X	X	
12	08825 MW-12	12/3/14	1644	DEB	GW	5			X						X	X	X	

Metrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

LAB USE ONLY

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [ ] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Date Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3) ACCUTEST
- [ ] FULL (EPA LEVEL 4) 2828-C QUEEN CT DR
- [ ] EDD'S CLT NC 28210

Comments / Remarks

SCDHEC UST MANAGEMENT PROGRAM

INVOICE TO 08825

Sample Custody must be documented below each time samples change possession, including courier delivery

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 Daniel Beall	12/3/14 1530	2 FEDEX 805434221290	3 FX 12-7-14	1130	4
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
5		6	7		8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 20 22

4.2 4

FA21058: Chain of Custody
Page 1 of 7

Accutest Laboratories Southeast
Chain of Custody

ACCUTEST LABORATORIES

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

Accutest JOB # FA21058 PAGE 2 OF 5

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: GEOLOGICAL RESOURCES INC
Address: 3502 HAYES Rd.
City: MONROE State: NC Zip: 28110
Project Contact: SCOTT BALL E-mail: wsb@geo...
Phone#: 704-845-4010
Sampler(s) Name(s) (Printed): DANIEL BEALL

Project Information

Project Name: LENOIR STORE
Street: 3240 HORATIO HAGOOD Rd.
City: HORATIO State: SC
Project #: 08825
Fax #:
Client Purchase Order #:

Analytical Information

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection		Date	Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	NaOH	HNO3	H2SO4	NaHSO4	Other	Other	8260 MTBE, NAPH, 1,2-DCA, ETHANOL & OXYGENATES by 8260	EDD x 8011	LAB USE ONLY
13	08825	MW-13	12/2/14	1101	DEB	GW	5			X							X	X	
14	08825	MW-14	12/2/14	1030	DEB	GW	5			X							X	X	
15	08825	MW-15 HOT	12/2/14	1039	DEB	GW	5			X							X	X	
16	08825	MW-16	12/2/14	1128	DEB	GW	5			X							X	X	
17	08825	MW-17	12/2/14	1143	DEB	GW	5			X							X	X	
18	08825	MW-18	12/2/14	1137	DEB	GW	5			X							X	X	
19	08825	MW-19	12/2/14	1011	DEB	GW	5			X							X	X	
20	08825	MW-20 HOT	12/2/14	1123	DEB	GW	5			X							X	X	
21	08825	MW-23	12/2/14	1349	DEB	GW	5			X							X	X	
22	08825	MW-24 HOT	12/2/14	1051	DEB	GW	5			X							X	X	
23	08825	MW-26	12/3/14	0911	DEB	GW	5			X							X	X	
24	08825	MW-27 HOT	12/2/14	1700	DEB	GW	5			X							X	X	

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [ ] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDUCED (Level 3)
- [ ] FULL1 (EPA LEVEL 4)
- [ ] EDD'S

ACCUTEST 2000 QUEEN CITY DR CL4 NC 28213

Comments / Remarks

SC DHEC UST MANAGEMENT PROGRAM
INCIDENT 08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 Daniel Beall	12/3/14 1530	2 FEDEX 805434821290	3 FED 12-4-14	1130	4
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
5		6	7		8

Lab Use Only: Custody Seal In Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius:

4.2 4

FA21058: Chain of Custody
Page 2 of 7

Accutest Laboratories Southeast
Chain of Custody

ACCUTEST LABORATORIES

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 • FAX. 407-425-0707
www.accutest.com

Accutest JOB # FA21058 PAGE 3 OF 5

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: GEOLOGICAL RESOURCES INC
Address: 3502 HAYES RD.
City: MONROE State: NC Zip: 28110
Project Contact: SCOTT BALL E-mail: WSB@GRO...
Phone#: 704-845-4010
Sampler(s) Name(s) (Printed): DANIEL BEALL

Project Information

Project Name: LEWOIR STORE
Street: 3240 HORATIO HAGOOD Rd.
City: HORATIO State: SC
Project #: 08825
Fax #:
Client Purchase Order #:

Analytical Information

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	HNO3	H2SO4	NaOH/ZnAc	DI Water	MeOH	BTEX, MTBE, NAPH. + 3, DCE / ETHANOL 8 only (GC/MS) X 8260	EDB X 8011	EDB	Matrix Codes
25	08825 MW-28	12/23/14	1341	DEB	GW	5			X						X	X	X	
26	08825 MW-29	12/23/14	1004	DEB	GW	5			X						X	X	X	
27	08825 MW-30	12/23/14	0957	DEB	GW	5			X						X	X	X	
28	08825 MW-31	12/23/14	1653	DEB	GW	5			X						X	X	X	
29	08825 MW-32	12/23/14	1723	DEB	GW	5			X						X	X	X	
30	08825 MW-33	12/23/14	1716	DEB	GW	5			X						X	X	X	
31	08825 MW-34	12/23/14	1108	DEB	GW	5			X						X	X	X	
32	08825 MW-35	12/23/14	1059	DEB	GW	5			X						X	X	X	
33	08825 RW-1 HOT	12/23/14	1048	DEB	GW	5			X						X	X	X	
34	08825 RW-2 HOT	12/23/14	1026	DEB	GW	5			X						X	X	X	
35	08825 TW-1	12/23/14	1016	DEB	GW	5			X						X	X	X	
36	08825 TW-2	12/23/14	0943	DEB	GW	5			X						X	X	X	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

LAB USE ONLY

TURNAROUND TIME (Business Days)

Approved By / Rush Code

- [ ] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [ ] EDD'S

ATTN: SI
QUEEN CITY DR
CLT NC 28203

Comments / Remarks

SC DHEC UST MANAGEMENT PROGRAM
INCIDENT 08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 Daniel Beall	12/23/14 1530	2 FEDEX 805434221290	3 FP 12-24-14	1130	4
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
5		6	7		8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius:

4.2 4

FA21058: Chain of Custody
Page 3 of 7

Accutest Laboratories Southeast
Chain of Custody

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www.accutest.com

Accutest JOB# FA21058 PAGE 4 OF 5

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: GEOLOGICAL RESOURCES INC
Address: 3502 HAYES Rd.
City: MONROE State: NC Zip: 28110
Project Contact: SCOTT BALL E-mail: wsb@geori
Phone#: 704-845-4010
Sampler(s) Name(s) (Printed): DANIEL BEALL

Project Information

Project Name: LENOIR STORE
Street: 3240 HORATIO HAGOOD RD.
City: HORATIO State: SC
Project #: 08825
Fax #:
Client Purchase Order #:

Analytical Information

Accutest Sample #	Field ID / Point of Collection	Collection DATE	Collection TIME	Sampled By	Matrix	Total # of Bottles	Container Information	BTEX, MTBE, NAPH, 1,2 DCA, ETHANOL	8260	EDB x 8011
37	08825 TW-3	12/23/14	1114	DEB	GW	5		X	X	X
38	08825 WSW-2	12/23/14	1432	DEB	GW	5		X	X	X
39	08825 WSW-3	12/23/14	1414	DEB	GW	5		X	X	X
40	08825 WSW-4	12/23/14	1638	DEB	GW	5		X	X	X
41	08825 WSW-6	12/23/14	1632	DEB	GW	5		X	X	X
42	08825 WSW-7	12/23/14	1459	DEB	GW	5		X	X	X
43	08825 WSW-8	12/23/14	1118	DEB	GW	5		X	X	X
44	08825 DUP A	12/23/14		DEB	GW	5		X	X	X
45	08825 DUP B	12/23/14		DEB	GW	5		X	X	X
46	08825 DUP C	12/23/14		DEB	GW	5		X	X	X
47	08825 FIELD BLANK	12/23/14	1131	DEB		5		X	X	X
48	08825 TRIP BLANK					2		X	X	

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

LAB USE ONLY

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [ ] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS + QC)
- [ ] REDUCED (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [ ] EDD'S

ACCUTEST 2822-C QUEEN CITY DR CLT NC 28213

Comments / Remarks

SC DHEC UST MANAGMENT PROGRAM
INCIDENT 08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 Daniel Beall	12/23/14 1530	2 FEDEX 805434221380	3 FX 12-24-14	1130	4
Relinquished by:	Date Time:	Received By	Relinquished by:	Date Time:	Received By:
5		6	7		8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius:

4.2 4

FA21058: Chain of Custody
Page 4 of 7

Accutest Laboratories Southeast
Chain of Custody

ACCUTEST LABORATORIES

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TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

Accutest JOB # FA21058 PAGE 5 OF 5

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: GEOLOGICAL RESOURCES INC
Address: 3609 HAYES Rd
City: MONROE State: NC Zip: 28110
Project Contact: SCOTT BALL E-mail: wsb@grd...
Phone#: 704-845-4010
Sampler(s) Name(s) (Printed): DANIEL BEALL

Project Information

Project Name: LENOIR STORE
Street: 3240 HORATIO HAGOOD Rd
City: HORATIO State: SC
Project #: 08825
Fax #:
Client Purchase Order #:

Analytical Information

BTEX, MTBE, NAPH, 1,2 DCA, ETHANOL & OXYGENATES X 8260
EDB X 8011

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

Accutest Sample #	Field ID / Point of Collection	Collection: DATE	TIME	SAMPLED BY	MATRIX	Container Information: TOTAL # OF BOTTLES	OTHER	NONE	HCl	H2SO4	HNO3	NaOH	ZnAc/NaOH	DI WATER	MeOH	LAB USE ONLY
	08825 TEMP BLANK					2										

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [ ] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [ ] EDD'S

ACCUTEST
2828-C QUEEN CT
CLT NC 28213

Comments / Remarks

SC DHEL UST MANAGEMENT PROGRAM
INCIDENT 08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 Daniel Beall	12/24/14 1530	2 FEDEX 805434822380	3 RP 12-24-14	1130	4
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
5		6	7		8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius:

4.2 4

FA21058: Chain of Custody
Page 5 of 7

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA21058 CLIENT: GRI PROJECT: Lenoir Store

DATE/TIME RECEIVED: 12-24-14 1130 {MM/DD/YY 24:00} NUMBER OF COOLERS RECEIVED: 2

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER DELIVERY OTHER:

AIRBILL NUMBERS: 8054 3422 1280 / 1290

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM _____ 5-GRAM _____

NUMBER OF 5035 FIELD KITS ? _____

NUMBER OF LAB FILTERED METALS ? _____

TEMPERATURE INFORMATION

- [ ] IR THERM ID 1 CORR. FACTOR +0.4
- [ ] OBSERVED TEMPS: 1.6 1.8
- [ ] CORRECTED TEMPS: 2.0 2.2

SAMPLE INFORMATION

- [x] INCORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- [ ] ID'S ON COC DO NOT MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- [ ] BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] RESIDUAL CHLORINE PRESENT LOT# _____

{APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

pH PAPER LOT#s WIDE RANGE A036122 NARROW RANGE HC421754 OTHER (specify) 405-230010

SUMMARY OF COMMENTS: 2 VIALS EAB per Sample

TECHNICIAN SIGNATURE/DATE RW 122614 REVIEWER SIGNATURE/DATE [illegible] 12-26-14

NF 10/14

receipt confirmation 102914.xls

4.2 4

ORIGIN ID:MEOA
SHIP DATE: 23DEC14
ACTWGT: 52.6 LB
CAD: /0FFC1522
DIMS: 25x13x14 IN
BILL SENDER
UNITED STATES US
TO
ACCUESTEST LABORATORIEES
4405 VINELAND RD
ORLANDO FL 32811
(407) 425-6700
REF:
FedEx Express
TRK# 0667 8054 3422 1290
WED - 24 DEC 10:30A
PRIORITY OVERNIGHT
XH TIXA
32811
FL-US MCO

ORIGIN ID:MEOA
SHIP DATE: 23DEC14
ACTWGT: 48.2 LB
CAD: /0FFC1522
DIMS: 25x13x14 IN
BILL SENDER
UNITED STATES US
TO
ACCUESTEST LABORATORIE
4405 VINELAND RD
ORLANDO FL 32811
REF:
FedEx Express
TRK# 0667 8054 3422 1290
WED - 24 DEC 10:30A
PRIORITY OVERNIGHT
XH TIXA
32811
FL-US MCO

FA21058: Chain of Custody
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Southeast ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ4858-MB	J0962654.D	1	12/29/14	MM	n/a	n/a	VJ4858

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-2, FA21058-4, FA21058-5, FA21058-6, FA21058-7, FA21058-8, FA21058-9, FA21058-10, FA21058-11, FA21058-12, FA21058-13

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	106%	83-118%

Method Blank Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ4860-MB	J0962718.D	1	12/30/14	MM	n/a	n/a	VJ4860

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-1, FA21058-3, FA21058-14, FA21058-15, FA21058-16, FA21058-17, FA21058-18, FA21058-19, FA21058-21, FA21058-22, FA21058-23, FA21058-25, FA21058-26, FA21058-27, FA21058-28, FA21058-29, FA21058-30, FA21058-31

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	103%	83-118%

Method Blank Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ4861-MB	J0962748.D	1	12/30/14	MM	n/a	n/a	VJ4861

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-32, FA21058-33, FA21058-34, FA21058-35, FA21058-36, FA21058-37, FA21058-38, FA21058-39, FA21058-40, FA21058-41, FA21058-42, FA21058-43, FA21058-44, FA21058-45, FA21058-47, FA21058-48

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

Method Blank Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ4862-MB	J0962775.D	1	12/31/14	MM	n/a	n/a	VJ4862

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-20, FA21058-22, FA21058-24, FA21058-33, FA21058-34, FA21058-45, FA21058-46

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.24	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.24	ug/l	
108-20-3	Di-Isopropyl ether	ND	1.0	0.23	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	3.8	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.28	ug/l	
64-17-5	Ethyl Alcohol	ND	100	23	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.20	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	7.4	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	8.8	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.66	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

Blank Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ4858-BS	J0962652.D	1	12/29/14	MM	n/a	n/a	VJ4858

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-2, FA21058-4, FA21058-5, FA21058-6, FA21058-7, FA21058-8, FA21058-9, FA21058-10, FA21058-11, FA21058-12, FA21058-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.3	101	81-122
107-06-2	1,2-Dichloroethane	25	25.9	104	75-125
108-20-3	Di-Isopropyl ether	25	24.0	96	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1130	90	55-126
100-41-4	Ethylbenzene	25	24.8	99	81-121
64-17-5	Ethyl Alcohol	500	440	88	46-145
637-92-3	Ethyl Tert Butyl Ether	25	23.9	96	71-120
1634-04-4	Methyl Tert Butyl Ether	25	23.4	94	72-117
91-20-3	Naphthalene	25	25.7	103	63-132
75-85-4	Tert-Amyl Alcohol	250	236	94	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.4	98	73-122
75-65-0	Tert-Butyl Alcohol	250	224	90	63-129
762-75-4	Tert-Butyl Formate	250	293	117	46-130
108-88-3	Toluene	25	24.6	98	80-120
1330-20-7	Xylene (total)	75	78.0	104	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	103%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ4860-BS	J0962716.D	1	12/30/14	MM	n/a	n/a	VJ4860

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-1, FA21058-3, FA21058-14, FA21058-15, FA21058-16, FA21058-17, FA21058-18, FA21058-19, FA21058-21, FA21058-22, FA21058-23, FA21058-25, FA21058-26, FA21058-27, FA21058-28, FA21058-29, FA21058-30, FA21058-31

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.3	97	81-122
107-06-2	1,2-Dichloroethane	25	24.8	99	75-125
108-20-3	Di-Isopropyl ether	25	23.8	95	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1140	91	55-126
100-41-4	Ethylbenzene	25	24.2	97	81-121
64-17-5	Ethyl Alcohol	500	469	94	46-145
637-92-3	Ethyl Tert Butyl Ether	25	23.3	93	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.3	89	72-117
91-20-3	Naphthalene	25	23.9	96	63-132
75-85-4	Tert-Amyl Alcohol	250	234	94	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.3	93	73-122
75-65-0	Tert-Butyl Alcohol	250	232	93	63-129
762-75-4	Tert-Butyl Formate	250	282	113	46-130
108-88-3	Toluene	25	24.4	98	80-120
1330-20-7	Xylene (total)	75	76.8	102	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ4861-BS	J0962746.D	1	12/30/14	MM	n/a	n/a	VJ4861

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-32, FA21058-33, FA21058-34, FA21058-35, FA21058-36, FA21058-37, FA21058-38, FA21058-39, FA21058-40, FA21058-41, FA21058-42, FA21058-43, FA21058-44, FA21058-45, FA21058-47, FA21058-48

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.7	99	81-122
107-06-2	1,2-Dichloroethane	25	25.0	100	75-125
108-20-3	Di-Isopropyl ether	25	23.2	93	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1100	88	55-126
100-41-4	Ethylbenzene	25	24.4	98	81-121
64-17-5	Ethyl Alcohol	500	470	94	46-145
637-92-3	Ethyl Tert Butyl Ether	25	22.4	90	71-120
1634-04-4	Methyl Tert Butyl Ether	25	20.7	83	72-117
91-20-3	Naphthalene	25	22.2	89	63-132
75-85-4	Tert-Amyl Alcohol	250	216	86	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.6	90	73-122
75-65-0	Tert-Butyl Alcohol	250	213	85	63-129
762-75-4	Tert-Butyl Formate	250	266	106	46-130
108-88-3	Toluene	25	24.3	97	80-120
1330-20-7	Xylene (total)	75	76.4	102	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ4862-BS	J0962773.D	1	12/31/14	MM	n/a	n/a	VJ4862

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-20, FA21058-22, FA21058-24, FA21058-33, FA21058-34, FA21058-45, FA21058-46

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.8	99	81-122
107-06-2	1,2-Dichloroethane	25	25.0	100	75-125
108-20-3	Di-Isopropyl ether	25	23.7	95	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1170	94	55-126
100-41-4	Ethylbenzene	25	25.2	101	81-121
64-17-5	Ethyl Alcohol	500	467	93	46-145
637-92-3	Ethyl Tert Butyl Ether	25	23.6	94	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.6	90	72-117
91-20-3	Naphthalene	25	25.4	102	63-132
75-85-4	Tert-Amyl Alcohol	250	236	94	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.1	96	73-122
75-65-0	Tert-Butyl Alcohol	250	242	97	63-129
762-75-4	Tert-Butyl Formate	250	285	114	46-130
108-88-3	Toluene	25	24.9	100	80-120
1330-20-7	Xylene (total)	75	79.4	106	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA21058-2MS	J0962675.D	1	12/29/14	MM	n/a	n/a	VJ4858
FA21058-2MSD	J0962676.D	1	12/29/14	MM	n/a	n/a	VJ4858
FA21058-2	J0962663.D	1	12/29/14	MM	n/a	n/a	VJ4858

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-2, FA21058-4, FA21058-5, FA21058-6, FA21058-7, FA21058-8, FA21058-9, FA21058-10, FA21058-11, FA21058-12, FA21058-13

CAS No.	Compound	FA21058-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	25.4	102	25	24.6	98	3	81-122/14
107-06-2	1,2-Dichloroethane	ND		25	27.3	109	25	26.2	105	4	75-125/14
108-20-3	Di-Isopropyl ether	ND		25	24.2	97	25	23.8	95	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		1250	1110	89	1250	1160	93	4	55-126/17
100-41-4	Ethylbenzene	ND		25	24.8	99	25	24.6	98	1	81-121/14
64-17-5	Ethyl Alcohol	ND		500	460	92	500	445	89	3	46-145/30
637-92-3	Ethyl Tert Butyl Ether	ND		25	24.7	99	25	24.3	97	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		25	23.7	95	25	23.9	96	1	72-117/14
91-20-3	Naphthalene	ND		25	23.8	95	25	25.1	100	5	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		250	210	84	250	228	91	8	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		25	25.0	100	25	25.1	100	0	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		250	346	138*	250	378	151*	9	63-129/27
762-75-4	Tert-Butyl Formate	ND		250	51.1	20*	250	41.1	16*	22	46-130/33
108-88-3	Toluene	ND		25	24.5	98	25	24.4	98	0	80-120/14
1330-20-7	Xylene (total)	ND		75	79.3	106	75	76.6	102	3	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA21058-2	Limits
1868-53-7	Dibromofluoromethane	102%	101%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	106%	107%	79-125%
2037-26-5	Toluene-D8	97%	97%	99%	85-112%
460-00-4	4-Bromofluorobenzene	101%	100%	102%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA21058-3MS	J0962739.D	1	12/30/14	MM	n/a	n/a	VJ4860
FA21058-3MSD	J0962740.D	1	12/30/14	MM	n/a	n/a	VJ4860
FA21058-3	J0962719.D	1	12/30/14	MM	n/a	n/a	VJ4860

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-1, FA21058-3, FA21058-14, FA21058-15, FA21058-16, FA21058-17, FA21058-18, FA21058-19, FA21058-21, FA21058-22, FA21058-23, FA21058-25, FA21058-26, FA21058-27, FA21058-28, FA21058-29, FA21058-30, FA21058-31

CAS No.	Compound	FA21058-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	23.5	94	25	22.6	90	4	81-122/14
107-06-2	1,2-Dichloroethane	ND		25	24.5	98	25	24.3	97	1	75-125/14
108-20-3	Di-Isopropyl ether	ND		25	21.5	86	25	22.0	88	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		1250	1010	81	1250	1130	90	11	55-126/17
100-41-4	Ethylbenzene	ND		25	23.3	93	25	23.2	93	0	81-121/14
64-17-5	Ethyl Alcohol	ND		500	444	89	500	483	97	8	46-145/30
637-92-3	Ethyl Tert Butyl Ether	ND		25	21.3	85	25	21.7	87	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		25	20.1	80	25	20.9	84	4	72-117/14
91-20-3	Naphthalene	ND		25	19.3	77	25	22.5	90	15	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		250	186	74	250	220	88	17	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		25	21.0	84	25	21.7	87	3	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		250	336	134*	250	368	147*	9	63-129/27
762-75-4	Tert-Butyl Formate	ND		250	16.0	6*	250	13.8	6*	15	46-130/33
108-88-3	Toluene	ND		25	23.1	92	25	22.9	92	1	80-120/14
1330-20-7	Xylene (total)	ND		75	73.6	98	75	72.3	96	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA21058-3	Limits
1868-53-7	Dibromofluoromethane	102%	102%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	106%	101%	79-125%
2037-26-5	Toluene-D8	99%	99%	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	101%	101%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA21058-40MS	J0962766.D	1	12/31/14	MM	n/a	n/a	VJ4861
FA21058-40MSD	J0962767.D	1	12/31/14	MM	n/a	n/a	VJ4861
FA21058-40	J0962757.D	1	12/31/14	MM	n/a	n/a	VJ4861

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA21058-32, FA21058-33, FA21058-34, FA21058-35, FA21058-36, FA21058-37, FA21058-38, FA21058-39, FA21058-40, FA21058-41, FA21058-42, FA21058-43, FA21058-44, FA21058-45, FA21058-47, FA21058-48

CAS No.	Compound	FA21058-40 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	24.5	98	25	23.7	95	3	81-122/14
107-06-2	1,2-Dichloroethane	ND		25	24.7	99	25	24.6	98	0	75-125/14
108-20-3	Di-Isopropyl ether	ND		25	22.8	91	25	22.2	89	3	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		1250	1050	84	1250	1130	90	7	55-126/17
100-41-4	Ethylbenzene	ND		25	24.6	98	25	23.4	94	5	81-121/14
64-17-5	Ethyl Alcohol	ND		500	475	95	500	481	96	1	46-145/30
637-92-3	Ethyl Tert Butyl Ether	ND		25	22.4	90	25	21.7	87	3	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		25	21.7	87	25	21.2	85	2	72-117/14
91-20-3	Naphthalene	ND		25	20.5	82	25	22.2	89	8	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		250	211	84	250	220	88	4	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		25	22.2	89	25	22.4	90	1	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		250	365	146*	250	379	152*	4	63-129/27
762-75-4	Tert-Butyl Formate	ND		250	ND	0*	250	ND	0*	nc	46-130/33
108-88-3	Toluene	ND		25	23.5	94	25	23.6	94	0	80-120/14
1330-20-7	Xylene (total)	ND		75	75.7	101	75	74.4	99	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA21058-40	Limits
1868-53-7	Dibromofluoromethane	102%	99%	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	106%	110%	79-125%
2037-26-5	Toluene-D8	98%	101%	102%	85-112%
460-00-4	4-Bromofluorobenzene	99%	103%	100%	83-118%

* = Outside of Control Limits.

Southeast ACCUTEST LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54439-MB	DD79861.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-1, FA21058-2, FA21058-3, FA21058-4, FA21058-5, FA21058-6, FA21058-7, FA21058-8, FA21058-9, FA21058-10, FA21058-11, FA21058-12, FA21058-13, FA21058-14, FA21058-15, FA21058-16, FA21058-17, FA21058-18, FA21058-19, FA21058-20

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	86%	63-137%

Method Blank Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54440-MB	DD79892.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-21, FA21058-22, FA21058-23, FA21058-24, FA21058-25, FA21058-26, FA21058-27, FA21058-28, FA21058-29, FA21058-30, FA21058-31, FA21058-32, FA21058-33, FA21058-34, FA21058-35, FA21058-36, FA21058-37, FA21058-38, FA21058-39, FA21058-40

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	115%	63-137%

Method Blank Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54441-MB	DD79920.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-41, FA21058-42, FA21058-43, FA21058-44, FA21058-45, FA21058-46, FA21058-47, FA21058-48

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	95%	63-137%

Blank Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54439-BS	DD79859.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-1, FA21058-2, FA21058-3, FA21058-4, FA21058-5, FA21058-6, FA21058-7, FA21058-8, FA21058-9, FA21058-10, FA21058-11, FA21058-12, FA21058-13, FA21058-14, FA21058-15, FA21058-16, FA21058-17, FA21058-18, FA21058-19, FA21058-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.24	96	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	97%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54439-BS2	DD79860.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-1, FA21058-2, FA21058-3, FA21058-4, FA21058-5, FA21058-6, FA21058-7, FA21058-8, FA21058-9, FA21058-10, FA21058-11, FA21058-12, FA21058-13, FA21058-14, FA21058-15, FA21058-16, FA21058-17, FA21058-18, FA21058-19, FA21058-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.26	104	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	93%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54440-BS	DD79890.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-21, FA21058-22, FA21058-23, FA21058-24, FA21058-25, FA21058-26, FA21058-27, FA21058-28, FA21058-29, FA21058-30, FA21058-31, FA21058-32, FA21058-33, FA21058-34, FA21058-35, FA21058-36, FA21058-37, FA21058-38, FA21058-39, FA21058-40

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.27	108	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	112%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54440-BS2	DD79891.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-21, FA21058-22, FA21058-23, FA21058-24, FA21058-25, FA21058-26, FA21058-27, FA21058-28, FA21058-29, FA21058-30, FA21058-31, FA21058-32, FA21058-33, FA21058-34, FA21058-35, FA21058-36, FA21058-37, FA21058-38, FA21058-39, FA21058-40

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.30	120	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	115%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54441-BS	DD79919.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-41, FA21058-42, FA21058-43, FA21058-44, FA21058-45, FA21058-46, FA21058-47, FA21058-48

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	101%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54439-MS	DD79863.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
FA21058-1 [a]	DD79862.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-1, FA21058-2, FA21058-3, FA21058-4, FA21058-5, FA21058-6, FA21058-7, FA21058-8, FA21058-9, FA21058-10, FA21058-11, FA21058-12, FA21058-13, FA21058-14, FA21058-15, FA21058-16, FA21058-17, FA21058-18, FA21058-19, FA21058-20

CAS No.	Compound	FA21058-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	0.44		0.242	0.67	95	72-134

CAS No.	Surrogate Recoveries	MS	FA21058-1	Limits
460-00-4	4-Bromofluorobenzene	74%	66%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54440-MS	DD79894.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370
FA21058-21	DD79893.D	1	12/31/14	NG	12/30/14	OP54440	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-21, FA21058-22, FA21058-23, FA21058-24, FA21058-25, FA21058-26, FA21058-27, FA21058-28, FA21058-29, FA21058-30, FA21058-31, FA21058-32, FA21058-33, FA21058-34, FA21058-35, FA21058-36, FA21058-37, FA21058-38, FA21058-39, FA21058-40

CAS No.	Compound	FA21058-21 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.238	0.24	101	72-134

CAS No.	Surrogate Recoveries	MS	FA21058-21	Limits
460-00-4	4-Bromofluorobenzene	89%	71%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54441-MS	DD79922.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
FA21058-41	DD79921.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-41, FA21058-42, FA21058-43, FA21058-44, FA21058-45, FA21058-46, FA21058-47, FA21058-48

CAS No.	Compound	FA21058-41 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.235	0.20	85	72-134

CAS No.	Surrogate Recoveries	MS	FA21058-41	Limits
460-00-4	4-Bromofluorobenzene	86%	65%	63-137%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54439-DUP	DD79865.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370
FA21058-2	DD79864.D	1	12/30/14	NG	12/30/14	OP54439	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-1, FA21058-2, FA21058-3, FA21058-4, FA21058-5, FA21058-6, FA21058-7, FA21058-8, FA21058-9, FA21058-10, FA21058-11, FA21058-12, FA21058-13, FA21058-14, FA21058-15, FA21058-16, FA21058-17, FA21058-18, FA21058-19, FA21058-20

CAS No.	Compound	FA21058-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA21058-2	Limits
460-00-4	4-Bromofluorobenzene	86%	64%	63-137%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54440-DUP	DD79934.D	100	12/31/14	NG	12/30/14	OP54440	GDD2370
FA21058-22 [a]	DD79933.D	100	12/31/14	NG	12/30/14	OP54440	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-21, FA21058-22, FA21058-23, FA21058-24, FA21058-25, FA21058-26, FA21058-27, FA21058-28, FA21058-29, FA21058-30, FA21058-31, FA21058-32, FA21058-33, FA21058-34, FA21058-35, FA21058-36, FA21058-37, FA21058-38, FA21058-39, FA21058-40

CAS No.	Compound	FA21058-22 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	30.4		40.1		28	28

CAS No.	Surrogate Recoveries	DUP	FA21058-22	Limits
460-00-4	4-Bromofluorobenzene	0%* [b]	0%* [b]	63-137%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits due to dilution.

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA21058
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP54441-DUP	DD79926.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370
FA21058-42	DD79925.D	1	12/31/14	NG	12/30/14	OP54441	GDD2370

The QC reported here applies to the following samples: **Method:** SW846 8011

FA21058-41, FA21058-42, FA21058-43, FA21058-44, FA21058-45, FA21058-46, FA21058-47, FA21058-48

CAS No.	Compound	FA21058-42 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA21058-42	Limits
460-00-4	4-Bromofluorobenzene	88%	73%	63-137%

* = Outside of Control Limits.

APPENDIX B

Ground Water Sampling Data Sheets

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MANUAL 7525 YSI CALIBRATED 12/21/14

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-1
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	10.89	feet
Total Well Depth (TWD)	14.35	feet
Length of the water column (LWC = TWD-DGW)	3.46	feet
1 casing volume (CV = LWC X C) =	0.55	
3 casing volume 3 X CV =	1.65	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1036							1036
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	0.59							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/23/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard _____
pH=7.0 _____ Standard _____
pH=10.0 _____ Standard _____

Conductivity Meter serial no. _____
_____ Standard _____
_____ Standard _____
_____ Standard _____

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-2
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	10.49	feet
Total Well Depth (TWD)	14.22	feet
Length of the water column (LWC = TWD-DGW)	3.73	feet
1 casing volume (CV = LWC X C) =	0.60	
3 casing volume 3 X CV =	1.80	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	0	gals
	0.25	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	0921							0921
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	6.09							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-3
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: 0 feet
Depth to Ground Water (DGW) 3.61 feet
Total Well Depth (TWD) 13.61 feet
Length of the water column (LWC = TWD-DGW) 8 feet

1 casing volume (CV = LWC X C) = 1.30
3 casing volume 3 X CV = 3.90 gals (standard purge volume)

Total volume of Water Purged Before Sampling 0.25 gals
Total volume of Water Purged for Post Sampling Ø gals
0.25 Total Purged
*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1438							1438
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	3.92							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: CLOUDY
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard _____
pH=7.0 _____ Standard _____
pH=10.0 _____ Standard _____

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MANVA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-4
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	11.34	feet
Total Well Depth (TWD)	12.10	feet
Length of the water column (LWC = TWD-DGW)	0.76	feet
1 casing volume (CV = LWC X C) =	0.12	
3 casing volume 3 X CV =	0.36	gals (standard purge volume)
Total volume of Water Purged Before Sampling	Ø	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1448							1448
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)								
PID readings, if required								

Remarks:
NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANVA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-5
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	9.89	feet
Total Well Depth (TWD)	12.14	feet
Length of the water column (LWC = TWD-DGW)	2.25	feet
1 casing volume (CV = LWC X C) =	0.35	
3 casing volume 3 X CV =	1.05	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1306							1306
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	5.99							
PID readings, if required								

Remarks:
NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-6
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: Ø feet
Depth to Ground Water (DGW) 9.21 feet
Total Well Depth (TWD) 12.12 feet
Length of the water column (LWC = TWD-DGW) 2.91 feet

1 casing volume (CV = LWC X C) = 0.50
3 casing volume 3 X CV = 1.50 gals (standard purge volume)

Total volume of Water Purged Before Sampling 0.25 gals
Total volume of Water Purged for Post Sampling Ø gals
_____ Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1317							1317
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	5.93							
PID readings, if required								

Remarks:
NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANUAL 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-7
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: Ø feet
Depth to Ground Water (DGW) 10.17 feet
Total Well Depth (TWD) 11.99 feet
Length of the water column (LWC = TWD-DGW) 1.82 feet

1 casing volume (CV = LWC X C) = 0.30
3 casing volume 3 X CV = 0.90 gals (standard purge volume)

Total volume of Water Purged Before Sampling Ø gals
Total volume of Water Purged for Post Sampling Ø gals
0.25 Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1328							1328
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)								
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: CLOUDY
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard _____
pH=7.0 _____ Standard _____
pH=10.0 _____ Standard _____

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-B
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: 0 feet
Depth to Ground Water (DGW) 9.12 feet
Total Well Depth (TWD) 12.94 feet
Length of the water column (LWC = TWD-DGW) 3.82 feet

1 casing volume (CV = LWC X C) = 0.60
3 casing volume 3 X CV = 1.80 gals (standard purge volume)

Total volume of Water Purged Before Sampling 0.25 gals
Total volume of Water Purged for Post Sampling 0 gals
0.25 Total Purged
*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1404							1404
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	3.16							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/31

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-9
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: 0 feet
Depth to Ground Water (DGW) 9.67 feet
Total Well Depth (TWD) 12.13 feet
Length of the water column (LWC = TWD-DGW) 2.46 feet

1 casing volume (CV = LWC X C) = 0.40
3 casing volume 3 X CV = 1.20 gals (standard purge volume)

Total volume of Water Purged Before Sampling 0.25 gals
Total volume of Water Purged for Post Sampling 0 gals
0.25 Total Purged
*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1422							1422
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	4.09							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/23/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____ Conductivity Meter serial no. _____
pH=4.0 _____ Standard _____
pH=7.0 _____ Standard _____
pH=10.0 _____ Standard _____

Chain of Custody

MANUAL 7525 YSI CALIBRATED 12/24

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-10
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	9.67	feet
Total Well Depth (TWD)	11.98	feet
Length of the water column (LWC = TWD-DGW)	2.31	feet
1 casing volume (CV = LWC X C) =	0.40	
3 casing volume 3 X CV =	1.20	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	0859							0859
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	6.67							
PID readings, if required								

Remarks:
NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

HANNA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-11
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	8.64	feet
Total Well Depth (TWD)	11.83	feet
Length of the water column (LWC = TWD-DGW)	3.19	feet
1 casing volume (CV = LWC X C) =	0.50	
3 casing volume 3 X CV =	1.50	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1700							1700
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	1.76							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-12
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	8.14	feet
Total Well Depth (TWD)	12.48	feet
Length of the water column (LWC = TWD-DGW)	4.34	feet
1 casing volume (CV = LWC X C) =	0.70	
3 casing volume 3 X CV =	2.10	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	0	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1644							1644
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	1.24							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANUA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-13

Well Diameter (D): 0.167 feet

Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	8.78	feet
Total Well Depth (TWD)	11.66	feet
Length of the water column (LWC = TWD-DGW)	2.88	feet
1 casing volume (CV = LWC X C) =	0.45	
3 casing volume 3 X CV =	1.35	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	0	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1021							1021
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	2.98							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: CLOUDY
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MMWA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-14
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: 0 feet
Depth to Ground Water (DGW) 7.87 feet
Total Well Depth (TWD) 10.85 feet
Length of the water column (LWC = TWD-DGW) 2.98 feet

1 casing volume (CV = LWC X C) = 0.50
3 casing volume 3 X CV = 1.50 gals (standard purge volume)

Total volume of Water Purged Before Sampling 0.25 gals
Total volume of Water Purged for Post Sampling Ø gals
0.25 Total Purged
*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1030							1030
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	2.97							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: CLOUDY
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard _____
pH=7.0 _____ Standard _____
pH=10.0 _____ Standard _____

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

HANNA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-15
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: 0 feet
Depth to Ground Water (DGW) 10.20 feet
Total Well Depth (TWD) 13.21 feet
Length of the water column (LWC = TWD-DGW) 3.01 feet

1 casing volume (CV = LWC X C) = 0.50
3 casing volume 3 X CV = 1.50 gals (standard purge volume)

Total volume of Water Purged Before Sampling 0.25 gals
Total volume of Water Purged for Post Sampling Ø gals
0.25 Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1039							1039
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	0.83							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

HANNA 7525 YSI CALIBRATED 12/21

Relinquished by | Date/Time | Received by | Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-16
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: 0 feet
Depth to Ground Water (DGW) 11.67 feet
Total Well Depth (TWD) 12.86 feet
Length of the water column (LWC = TWD-DGW) 1.19 feet

1 casing volume (CV = LWC X C) = 0.20
3 casing volume 3 X CV = 0.60 gals (standard purge volume)

Total volume of Water Purged Before Sampling 0 gals
Total volume of Water Purged for Post Sampling Ø gals
0.25 Total Purged
*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)								
Time (military)	1128							1128
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)								
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: CLOUDY
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

HANNA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-17
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	9.90	feet
Total Well Depth (TWD)	11.72	feet
Length of the water column (LWC = TWD-DGW)	1.82	feet
1 casing volume (CV = LWC X C) =	0.30	
3 casing volume 3 X CV =	0.90	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1143							1143
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	4.28							
PID readings, if required								

Remarks:
NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-18
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: 0 feet
Depth to Ground Water (DGW) 10.41 feet
Total Well Depth (TWD) 13.01 feet
Length of the water column (LWC = TWD-DGW) 2.60 feet

1 casing volume (CV = LWC X C) = 0.40
3 casing volume 3 X CV = 1.20 gals (standard purge volume)

Total volume of Water Purged Before Sampling 0.25 gals
Total volume of Water Purged for Post Sampling 0 gals
0.25 Total Purged
*if free product is present over 1/8 inch, sampling will not be required.

Quality Assurance

pH Meter		Conductivity Meter	
serial no.		serial no.	
pH=4.0	Standard		Standard
pH=7.0	Standard		Standard
pH=10.0	Standard		Standard

Chain of Custody

Relinquished by	Date/Time	Received by	Date/Time
HANNA 7525	YSI	CALIBRATED 12/21	

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1137							1137
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	6.32							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

HANNA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-19
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	9.04	feet
Total Well Depth (TWD)	13.05	feet
Length of the water column (LWC = TWD-DGW)	4.01	feet
1 casing volume (CV = LWC X C) =	0.65	
3 casing volume 3 X CV =	1.95	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	0	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1011							1011
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	3.41							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

Relinquished by	Date/Time	Received by	Date/Time
HANNA 7525		YSI	CALIBRATED 12/21

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-20
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	10.14	feet
Total Well Depth (TWD)	13.75	feet
Length of the water column (LWC = TWD-DGW)	3.61	feet
1 casing volume (CV = LWC X C) =	0.60	
3 casing volume 3 X CV =	1.80	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1731							1731
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	1.01							
PID readings, if required								

Remarks:
NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-23
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: 0 feet
Depth to Ground Water (DGW) 11.08 feet
Total Well Depth (TWD) 13.29 feet
Length of the water column (LWC = TWD-DGW) 2.21 feet

1 casing volume (CV = LWC X C) = 0.35
3 casing volume 3 X CV = 1.05 gals (standard purge volume)

Total volume of Water Purged Before Sampling 0.25 gals
Total volume of Water Purged for Post Sampling Ø gals
0.25 Total Purged
*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1349							1349
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	4.98							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MANNA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-24
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	10.26	feet
Total Well Depth (TWD)	13.33	feet
Length of the water column (LWC = TWD-DGW)	3.07	feet
1 casing volume (CV = LWC X C) =	0.50	
3 casing volume 3 X CV =	1.50	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	0	gals
	0.25	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1051							1051
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	0.74							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/23/14
Field Personnel: DAN BEALL
General Weather Conditions: CLOUDY
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MANTA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-26
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	Ø	feet
Depth to Ground Water (DGW)	10.63	feet
Total Well Depth (TWD)	13.37	feet
Length of the water column (LWC = TWD-DGW)	2.74	feet
1 casing volume (CV = LWC X C) =	0.45	
3 casing volume 3 X CV =	1.35	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	0911							0911
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	4.82							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # OBB25 Monitoring Well # MW-27
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	11.29	feet
Total Well Depth (TWD)	14.39	feet
Length of the water column (LWC = TWD-DGW)	3.10	feet
1 casing volume (CV = LWC X C) =	0.50	
3 casing volume 3 X CV =	1.50	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	0	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1708							1708
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	0.64							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-28
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	11.54	feet
Total Well Depth (TWD)	13.62	feet
Length of the water column (LWC = TWD-DGW)	2.08	feet
1 casing volume (CV = LWC X C) =	0.35	
3 casing volume 3 X CV =	1.05	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0	gals
Total volume of Water Purged for Post Sampling	0	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)								
Time (military)	1341							1341
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)								
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-29
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	7.59	feet
Total Well Depth (TWD)	12.98	feet
Length of the water column (LWC = TWD-DGW)	5.39	feet
1 casing volume (CV = LWC X C) =	0.90	
3 casing volume 3 X CV =	2.70	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	0	gals
	0.25	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1004							1004
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	2.11							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

HANNA 7525 YSI CALIBRATED 12/21

Relinquished by | Date/Time | Received by | Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-3D
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: 0 feet
Depth to Ground Water (DGW) 3.72 feet
Total Well Depth (TWD) 13.54 feet
Length of the water column (LWC = TWD-DGW) 9.82 feet

1 casing volume (CV = LWC X C) = 1.60
3 casing volume 3 X CV = 4.80 gals (standard purge volume)

Total volume of Water Purged Before Sampling 4.80 gals
Total volume of Water Purged for Post Sampling Ø gals
4.80 Total Purged
*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25	1.60	3.20	4.80				
Time (military)	0938	0943	0949	0957				0957
pH (s.u.)	6.75	6.42	5.63	5.74				
Specific Cond. (umhos/cm)	2794	2062	1929	1951				
Water Temperature (degrees C)	11.92	14.51	15.34	15.21				
Turbidity (subjective: clear, slightly cloudy, cloudy)	85.0	360	7100	7000				
Dissolved Oxygen (mg/l)	5.66	6.29	6.43	6.37				
PID readings, if required								

Remarks:

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: CLOUDY
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter		Conductivity Meter	
serial no.		serial no.	
pH=4.0		Standard	
pH=7.0		Standard	
pH=10.0		Standard	

Chain of Custody

Relinquished by	Date/Time	Received by	Date/Time
MMWA 7525	YSI	CALIBRATED	12/21

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-31
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	8.47	feet
Total Well Depth (TWD)	14.51	feet
Length of the water column (LWC = TWD-DGW)	6.04	feet
1 casing volume (CV = LWC X C) =	1.00	
3 casing volume 3 X CV =	3.00	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1653							1653
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	1.11							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____
pH=7.0 _____
pH=10.0 _____

Conductivity Meter serial no. _____
_____ Standard _____
_____ Standard _____
_____ Standard _____

Chain of Custody

Relinquished by	Date/Time	Received by	Date/Time
MANWA 7525 YSI		CALIBRATED 12/21	

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-32
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	9.59	feet
Total Well Depth (TWD)	14.21	feet
Length of the water column (LWC = TWD-DGW)	4.62	feet
1 casing volume (CV = LWC X C) =	0.75	
3 casing volume 3 X CV =	2.25	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1723							1723
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	2.51							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____
pH=7.0 _____
pH=10.0 _____

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-33
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	8.28	feet
Total Well Depth (TWD)	12.92	feet
Length of the water column (LWC = TWD-DGW)	4.64	feet
1 casing volume (CV = LWC X C) =	0.75	
3 casing volume 3 X CV =	2.25	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	0	gals
	0.25	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1716							1716
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	4.71							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-34
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	Ø	feet
Depth to Ground Water (DGW)	11.37	feet
Total Well Depth (TWD)	14.60	feet
Length of the water column (LWC = TWD-DGW)	3.23	feet
1 casing volume (CV = LWC X C) =	0.50	
3 casing volume 3 X CV =	1.50	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1108							~~1108~~ 1108
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	3.66							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

Relinquished by	Date/Time	Received by	Date/Time
HANNA 7525 YSI		CALIBRATED 12/21	

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # MW-35
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	Ø	feet
Depth to Ground Water (DGW)	9.62	feet
Total Well Depth (TWD)	12.78	feet
Length of the water column (LWC = TWD-DGW)	3.16	feet
1 casing volume (CV = LWC X C) =	0.50	
3 casing volume 3 X CV =	1.50	gals (standard purge volume)
Total volume of Water Purged Before Sampling	0.25	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	0.25	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25							
Time (military)	1059							1059
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	3.88							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # ~~MW~~ RW-1
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	Ø	feet
Depth to Ground Water (DGW)	11.12	feet
Total Well Depth (TWD)	19.11	feet
Length of the water column (LWC = TWD-DGW)	7.99	feet
1 casing volume (CV = LWC X C) =	5.20	
3 casing volume 3 X CV =	15.60	gals (standard purge volume)
Total volume of Water Purged Before Sampling	1.00	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	1.00	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	1.00							
Time (military)	1048							1048
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	0.95							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/23/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
_____ Standard
_____ Standard
_____ Standard

Chain of Custody

MWA 7525 YSI CALIBRATED 12/21

Relinquished by Date/Time Received by Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # ~~MW~~ RW-2
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: Ø feet
Depth to Ground Water (DGW) 10.78 feet
Total Well Depth (TWD) 19.30 feet
Length of the water column (LWC = TWD-DGW) 8.52 feet

1 casing volume (CV = LWC X C) = 5.50
3 casing volume 3 X CV = 16.50 gals (standard purge volume)

Total volume of Water Purged Before Sampling 1.00 gals
Total volume of Water Purged for Post Sampling Ø gals
1.00 Total Purged
*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	1.00							
Time (military)	1026							1026
pH (s.u.)								
Specific Cond. (umhos/cm)								
Water Temperature (degrees C)								
Turbidity (subjective: clear, slightly cloudy, cloudy)								
Dissolved Oxygen (mg/l)	0.93							
PID readings, if required								

Remarks:

NO PURGE

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/23/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MMWA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # ~~MW~~ TW-1
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness: Ø feet
Depth to Ground Water (DGW) 11.11 feet
Total Well Depth (TWD) 39.77 feet
Length of the water column (LWC = TWD-DGW) 28.66 feet

1 casing volume (CV = LWC X C) = 4.70
3 casing volume 3 X CV = 14.1 gals (standard purge volume)

Total volume of Water Purged Before Sampling 4.70 gals
Total volume of Water Purged for Post Sampling Ø gals
4.70 Total Purged
*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25	4.70						
Time (military)	1001	1010						1016
pH (s.u.)	7.70	6.90						
Specific Cond. (umhos/cm)	3190	2895						
Water Temperature (degrees C)	16.48	17.97						
Turbidity (subjective: clear, slightly cloudy, cloudy)	31.0	170						
Dissolved Oxygen (mg/l)	5.53	4.27						
PID readings, if required								

Remarks:

DRY @ 1.50 VOL

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/23/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter		Conductivity Meter	
serial no.		serial no.	
pH=4.0		Standard	
pH=7.0		Standard	
pH=10.0		Standard	

Chain of Custody

HANNA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # ~~MW~~ TW-2
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	10.53	feet
Total Well Depth (TWD)	36.04	feet
Length of the water column (LWC = TWD-DGW)	25.51	feet
1 casing volume (CV = LWC X C) =	4.10	
3 casing volume 3 X CV =	12.30	gals (standard purge volume)
Total volume of Water Purged Before Sampling	4.10	gals
Total volume of Water Purged for Post Sampling	Ø	gals
	4.10	Total Purged

*if free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25	4.10						
Time (military)	0929	0938						0943
pH (s.u.)	9.25	10.11						
Specific Cond. (umhos/cm)	4211	5769						
Water Temperature (degrees C)	16.12	17.71						
Turbidity (subjective: clear, slightly cloudy, cloudy)	35.0	140						
Dissolved Oxygen (mg/l)	4.61	3.02						
PID readings, if required								

Remarks:

DRY @ 1.75 VOL.

Field Data Information Sheet for Ground-Water Sampling
South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management

Date (mm/dd/yy): 12/22/14
Field Personnel: DAN BEALL
General Weather Conditions: Cloudy
Ambient Air Temperature: ~50° F

Quality Assurance

pH Meter serial no. _____
pH=4.0 _____ Standard
pH=7.0 _____ Standard
pH=10.0 _____ Standard

Conductivity Meter serial no. _____
Standard _____
Standard _____
Standard _____

Chain of Custody

MANWA 7525 YSI CALIBRATED 12/21

Relinquished by	Date/Time	Received by	Date/Time

Facility Name: LENOIR STORE
Site ID # 08825 Monitoring Well # ~~MW~~ TW-3
Well Diameter (D): 0.167 feet
Conversion factor (C): 3.14 X (D/2)2 for a 2 inch well C = 0.163
for a 4 inch well C = 0.652

* Free Product Thickness:	0	feet
Depth to Ground Water (DGW)	11.81	feet
Total Well Depth (TWD)	39.21	feet
Length of the water column (LWC = TWD-DGW)	27.40	feet
1 casing volume (CV = LWC X C) =	4.45	
3 casing volume 3 X CV =	13.35	gals (standard purge volume)
Total volume of Water Purged Before Sampling	4.45	gals
Total volume of Water Purged for Post Sampling	0	gals
	4.45	Total Purged

*If free product is present over 1/8 inch, sampling will not be required.

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post Sampling	Sample
Cumulative Volume Purged (gallons)	0.25	4.45						
Time (military)	1101	1108						1114
pH (s.u.)	6.82	6.98						
Specific Cond. (umhos/cm)	8731	8903						
Water Temperature (degrees C)	16.49	17.70						
Turbidity (subjective: clear, slightly cloudy, cloudy)	33.0	140						
Dissolved Oxygen (mg/l)	1.84	2.24						
PID readings, if required								

Remarks:

DRY @ 1.50 VOL.

APPENDIX C

Contractor Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			X
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	X		
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?			X
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?			X
12	Has the primary soil type been described?			X
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?			X
17	Has the method of well development been detailed?			X
18	Has justification been provided for the locations of the monitoring wells?			X
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?			X
20	Has the groundwater sampling methodology been detailed?	X		
21	Have the groundwater sampling dates and groundwater measurements been provided?	X		
22	Has the purging methodology been detailed?	X		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	X		
24	If free-product is present, has the thickness been provided?	X		
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	X		
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	X		
40	Has the site potentiometric map been provided? (Figure 5)	X		
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	X		
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)			X
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information.

D H E C

PROMOTE PROTECT PROSPER

Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

UST 8otcel DOCKETING

MS CARRIE LENOIR
C/O STEVE LENOIR
LENOIR STORE
3240 HORATIO HAGOOD RD
HORATIO SC 29062-0156

AUG 2 8 2015

Re: **Site-Specific Work Plan (SSWP) Directive for Groundwater Sampling**
Lenoir Store, 3240 Horatio Hagood Rd, Horatio, SC
UST Permit # 08825
Release Reported June 29, 1993
Monitoring Report received January 22, 2015
Sumter County

Dear Ms. Lenoir:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) recognizes your commitment to continue work at this site using Geological Resources, Inc. as your contractor. The next appropriate scope of work at the site is a comprehensive groundwater sampling event.

The groundwater sampling event should be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), Geological Resources, Inc.'s Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. Groundwater samples should be collected from all monitoring wells, water supply wells, or surface water locations associated with the referenced release and analyzed for BTEX + Naphth + MtBE, 1,2-DCA, 8 oxygenates, and EDB. All monitoring wells that do not bracket the water table will need to be purged. A copy of the current revision of the Agency QAPP for the UST Management Division is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/.

Your contractor must complete the QAPP Contractor addendum or the Site Specific Work Plan (SSWP) if your contractor has an approved ACQAP. The QAPPA or SSWP and Cost Proposal must be submitted within 30 days from the date of this letter. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that technical and financial preapproval from the Agency must be issued before work begins.**

On all correspondence concerning this site, please reference **UST Permit # 08825.** If there are any questions concerning this project, please contact me at (803) 898-0610 or by email at hetricml@dhec.sc.gov.

Sincerely,

Matthew Lee Hetrick

Matthew L. Hetrick, Hydrogeologist
Corrective Action Section
UST Management Division
Bureau of Land and Waste Management

cc: Geological Resources, Inc., 3502 Hayes Road, Monroe, NC 28110
Technical File

Geological Resources, Inc.

UST
SEP 0 4 2015
PROGRAM

UST
81 tech
DOCKETING

September 2, 2015

Mr. Matthew Hetrick
South Carolina Department of Health
And Environmental Control
Underground Storage Tank Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Re: GRI Proposal No. 15-533
Site Specific Work Plan
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
UST Permit No. 08825
GRI Project No. 2001

Dear Mr. Hetrick:

Attached is a Site Specific Work Plan for approved ACQAP and the associated Assessment Component Cost Agreement for the above referenced site in Horatio, Sumter County, South Carolina.

Please contact me at (704) 845-4010 or by e-mail at wsb@geologicalresourcesinc.com if you have questions or comments concerning this matter.

Sincerely,

W. Scott Ball
Senior Project Manager

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

D H E C
PROMOTE PROTECT PROSPER

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Matthew Lee Hetrick (SCDHEC Project Manager)
From: Scott Ball (Contractor Project Manager)
Contractor: Geological Resources, Inc. UST Contractor Certification Number: 74

Facility Name: Lenoir Store UST Permit #: 08825
Facility Address: 3240 Horatio Hagood Road, Horatio, Sumter County, SC
Responsible Party: Carrie Lenoir Phone: (843) 499-4023
RP Address: 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina, 29062-0156
Property Owner (if different): NA
Property Owner Address:
Current Use of Property: Commercial - Country Store and US Post Office

Scope of Work (Please check all that apply)

- ☐ IGWA
- ☐ Tier I
- ☐ Tier II
- ☐ Monitoring Well Installation
- ☑ Groundwater Sampling
- ☐ Other
- ☐ GAC

Analyses (Please check all that apply)

Groundwater/Surface Water:

- ☑ BTEXNMDCA (8260B)
- ☑ Oxygenates (8260B)
- ☑ EDB (8011)
- ☐ PAH (8270D)
- ☐ Lead
- ☐ 8 RCRA Metals
- ☐ TPH
- ☐ pH
- ☐ BOD
- ☐ Nitrate
- ☐ Sulfate
- ☐ Other
- ☐ Methane
- ☐ Ethanol
- ☐ Dissolved Iron

Soil:

- ☐ BTEXN
- ☐ PAH
- ☐ 8 RCRA Metals
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☐ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

____ Soil	7 Water Supply Wells	____ Air	1 Field Blank
38 Monitoring Wells	0 Surface Water	3 Duplicate	1 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
# of shallow points proposed: NA Estimated Footage: ____ feet per point
# of deep points proposed: ____ Estimated Footage: ____ feet per point
Field Screening Methodology: ____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.
# of shallow wells: NA Estimated Footage: ____ feet per point
# of deep wells: ____ Estimated Footage: ____ feet per point
# of recovery wells: ____ Estimated Footage: ____ feet per point
Monitoring Well development method (consistent with SOP): ____
Comments, if warranted:

UST Permit #: 08825 Facility Name: Lenoir Store

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 5 days from approval Field Work Completion: 7 days from approval
Report Submittal: 45 days from approval # of Copies Provided to Property Owners: 1

Aquifer Characterization
Pump Test: ☐ Slug Test: ☐ (Check one and provide explanation below for choice)
NA

Investigation Derived Waste Disposal
Soil: _____ Tons Purge Water: 75 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
Sample monitoring wells MW-1 through MW-35, TW-1, TW-2, TW-3 and water supply wells WSW-1, WSW-2, WSW-3, WSW-4, WSW-6, WSW-7 and WSW-8. All ground water samples collected will be submitted for analyses of BTEX, MTBE, naphthalene, 1, 2-DCA and 8 oxygenates by Method 8260 and EDB by method 8011.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)
Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.
Name of Laboratory: _____
SCDHEC Certification Number: _____
Name of Laboratory Director: _____

NA Well Driller as indicated in ACQAO? (Yes/No) If no, indicate driller information below.
Name of Well Driller: _____
SCLLR Certification Number: _____

NA Other variations from ACQAP. Please describe below.

Attachments
1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
   - North Arrow
   - Location of property lines
   - Location of buildings
   - Previous soil sampling locations
   - Previous monitoring well locations
   - Proposed soil boring locations
   - Proposed monitoring well locations
   - Legend with facility name and address, UST permit number, and bar scale
   - Streets or highways (indicate names and numbers)
   - Location of all present and former ASTs and USTs
   - Location of all potential receptors
3. Assessment Component Cost Agreement, SCDHEC Form D-3664

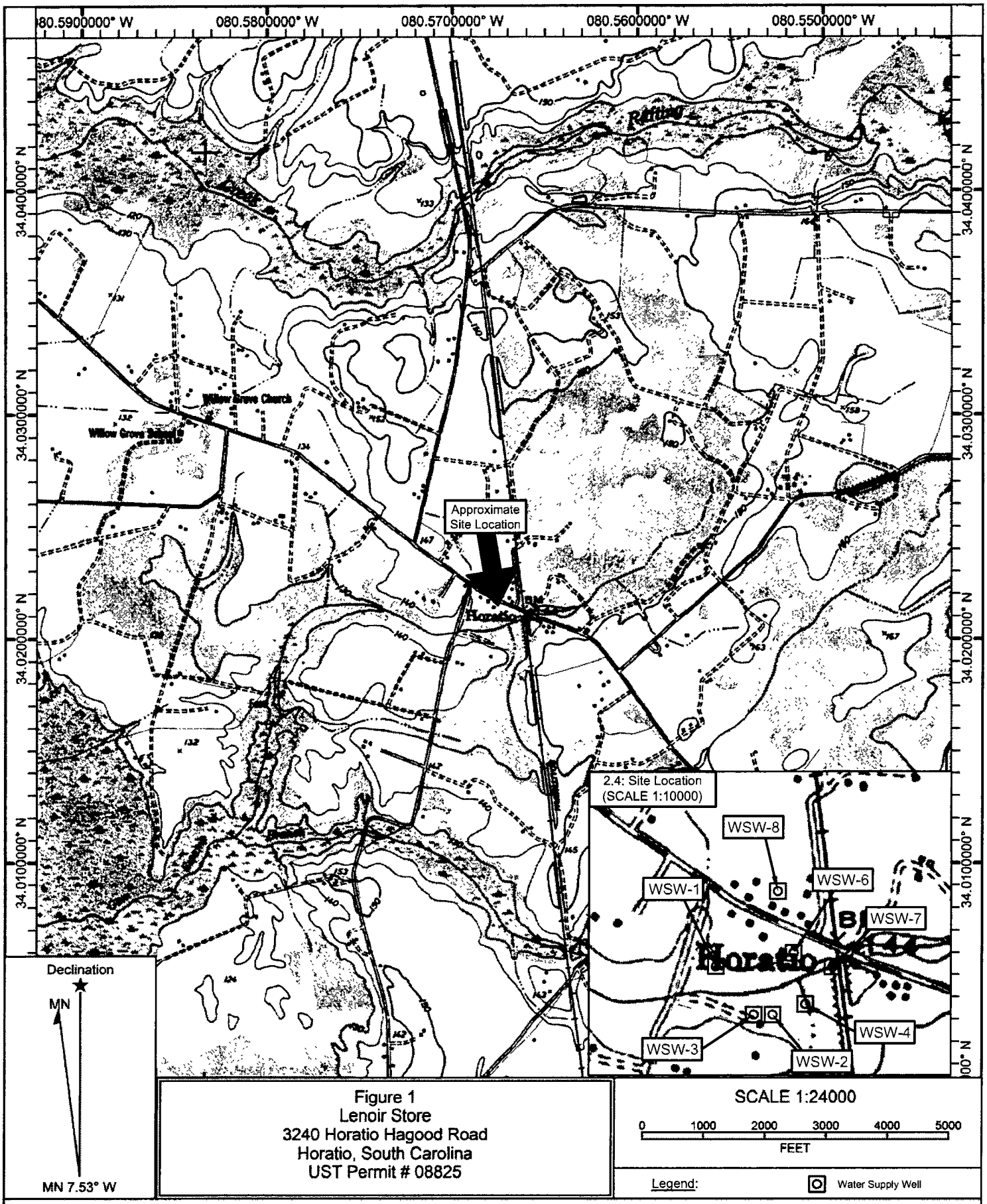


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

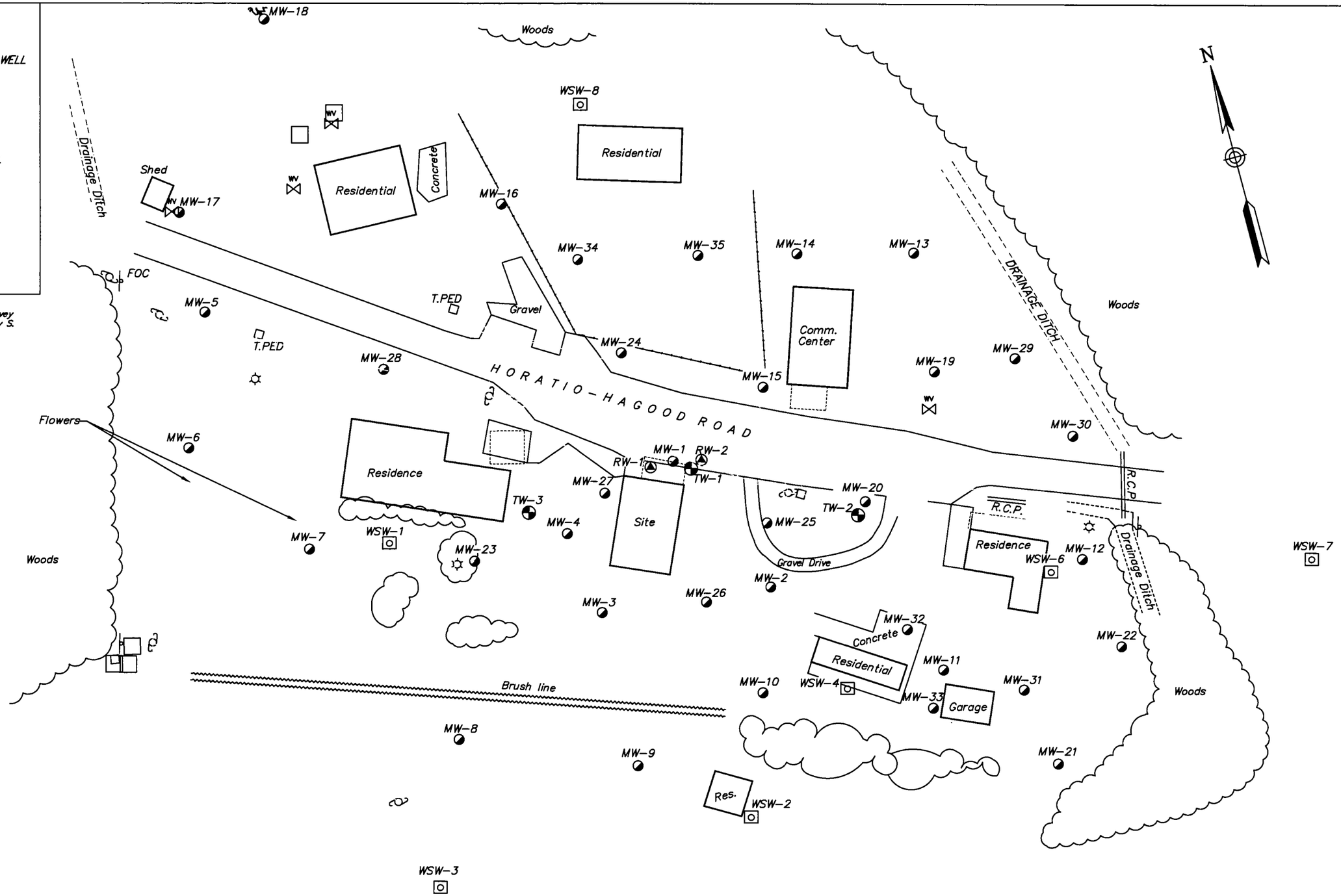
Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED — TELEPHONE PEDESTAL
- TELEPHONE LINE
- WV — WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Joy S. Joshi of Columbia, SC.



Geological Resources, Inc.

0 30 60 120
(IN FEET)
1 inch = 60 ft

SITE MAP

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	01/13/15	Drawn by:	ECH	Figure:	2

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

ASSESSMENT COMPONENT INVOICE

SOUTH CAROLINA

Department of Health and Environmental Control

Underground Storage Tank Management Division

State Underground Petroleum Environmental Response Bank Account

May 15, 2014

Facility Name: Lenoir Store

GRI Proposal #15-533

UST Permit #: 08825 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
1. **Plan Preparation**					
A1. Site-specific Work Plan	1	each	$150.00		$150.00
B1. Tax Map		each	$70.00		$0.00
C1. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
2. A1. **Receptor Survey ***		each	$551.00		$0.00
3. **Survey (500 ft x 500 ft)**					
A1. Comprehensive Survey		each	$1,040.00		$0.00
B. Subsurface Geophysical Survey					
1B. < 10 meters below grade		each	$1,300.00		$0.00
2B. > 10 meters below grade		each	$2,310.00		$0.00
C1. Geophysical UST or Drum Survey		each	$910.00		$0.00
4. **Mob/Demob**					
A1. Equipment		each	$1,020.00		$0.00
B1. Personnel	2	each	$423.00		$846.00
C1. Adverse Terrain Vehicle		each	$500.00		$0.00
5. A1. **Soil Borings (hand auger)***		foot	$5.00		$0.00
6. **Soil Borings (requiring equipment, push technology, etc)* or Field Screening (including water sample, soil sample, soil gas sample, etc.)***					
AA. Standard		per foot	$15.00		$0.00
C1. Fractured Rock		per foot	$20.20		$0.00
7. A1. **Soil Leachability Model**		each	$60.00		$0.00
8. **Abandonment (per foot)***					
A1. 2" diameter or less		per foot	$3.10		$0.00
B1. Greater than 2" to 6" diameter		per foot	$4.50		$0.00
C1. Dug/Bored well (up to 6 feet diameter)		per foot	$15.00		$0.00
9. **Well Installation (per foot)***					
A1. Water Table (hand augered)		per foot	$10.60		$0.00
B1. Water Table (drill rig)		per foot	$38.00		$0.00
CC. Telescoping		per foot	$50.00		$0.00
DD. Rock Drilling		per foot	$58.00		$0.00
E1. 2" Rock Coring		per foot	$30.90		$0.00
G1. Rock Multi-sampling ports/screens		per foot	$33.40		$0.00
HH. Recovery Well (4" diameter)		per foot	$45.00		$0.00
II. Pushed Pre-packed screen (1.25" dia)		per foot	$15.00		$0.00
J1. Rotosonic (2" diameter)		per foot	$44.00		$0.00
K. Re-develop Existing Well		per foot	$11.00		$0.00
10. **Groundwater Sample Collection / Gauge Depth to Water or Product ***					
A1. Groundwater Purge	3	per well/receptor	$60.00		$180.00
B1. Air or Vapors		per receptor	$12.00		$0.00
C1. Water Supply	7	per well/receptor	$22.00		$154.00
D1. Groundwater (No Purge or Duplicate	38	per well/receptor	$28.00		$1,064.00
E1. Gauge Well only		per well	$7.00		$0.00
F1. Sample Below Product		per well	$12.00		$0.00
G1. Passive Diffusion Bag		each	$26.00		$0.00
H1. Field Blank	1	each	$24.60		$24.60

11. Laboratory Analyses-Groundwater					
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(82	50	per sample	$122.00		$6,100.00
AA1. Lead, Filtered		per sample	$13.80		$0.00
B2. Rush EPA Method 8260B (All of item A.)		per sample	$153.60		$0.00
C2. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$36.40		$0.00
D1. PAH's		per sample	$60.60		$0.00
E1. Lead		per sample	$16.00		$0.00
F1. EDB by EPA 8011	49	per sample	$45.20		$2,214.80
FF1. EDB by EPA Method 8011 Rush		per sample	$68.20		$0.00
G1. 8 RCRA Metals		per sample	$63.40		$0.00
H1. TPH (9070)		per sample	$41.00		$0.00
II. pH		per sample	$5.20		$0.00
J1. BOD		per sample	$20.00		$0.00
PP. Ethanol		per sample	$14.80		$0.00
11. **Analyses-Soil**					
Q1. BTEX + Naphth.		per sample	$64.00		$0.00
R1. PAH's		per sample	$64.04		$0.00
S1. 8 RCRA Metals		per sample	$56.40		$0.00
U1. TPH-DRO (3550C/8015C)		per sample	$40.00		$0.00
V1. TPH- GRO (5030B/8015C)		per sample	$35.96		$0.00
W1. Grain size/hydrometer		per sample	$104.00		$0.00
X1. Total Organic Carbon		per sample	$30.60		$0.00
11. **Analyses-Air**					
Y1. BTEX + Naphthalene		per sample	$216.00		$0.00
11. **Analyses-Free Phase Product**					
Z1. Hydrocarbon Fuel Identification		per sample	$357.00		$0.00
12. **Aquifer Characterization**					
A1. Pumping Test*		per hour	$23.00		$0.00
B1. Slug Test*		per test	$191.00		$0.00
C1. Fractured Rock		per test	$100.00		$0.00
13. A1. **Free Product Recovery Rate Test***		each	$38.00		$0.00
14. **Fate/Transport Modeling**					
A1. Mathematical Model		each	$100.00		$0.00
B1. Computer Model		each	$100.00		$0.00
15. **Risk Evaluation**					
A. Tier I Risk Evaluation		each	$300.00		$0.00
B1. Tier II Risk Evaluation		each	$100.00		$0.00
16. A1. **Subsequent Survey***		each	$260.00		$0.00
17. **Disposal (gallons or tons)***					
AA. Wastewater	75	gallon	$0.56		$42.00
BB. Free Product		gallon	$0.50		$0.00
C1. Soil Treatment/Disposal		ton	$60.00		$0.00
D1. Drilling fluids		gallon	$0.42		$0.00
18. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
20. **Tier I Assessment (Use DHEC 3665 form)**		standard			$0.00
21. **IGWA (Use DHEC 3666 form)**		standard			$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00

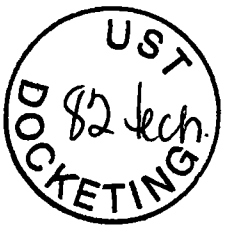
23. **Aggressive Fluid & Vapor Recovery (AFVR)**					
A1. 8-hour Event*		each	$1,375.00		$0.00
AA. 24-hour Event*		each	$3,825.00		$0.00
A3. 48-hour Event*		each	$6,265.00		$0.00
A4. 96-hour Event*		each	$12,567.50		$0.00
C1. Off-gas Treatment 8 hour		per event	$122.50		$0.00
C2. Off-gas Treatment 24 hour		per event	$241.50		$0.00
C3. Off-gas Treatment 48 hour		per event	$327.00		$0.00
C4. Off-gas Treatment 96 hour		per event	$780.00		$0.00
D. Site Reconnaissance		each	$203.25		$0.00
E1. Additional Hook-ups		each	$25.75		$0.00
F1. Effluent Disposal		gallon	$0.44		$0.00
G. AFVR Mobilization/Demobilization		each	$391.50		$0.00
24. **Granulated Activated Carbon (GAC) filter system installation & service:**					
A1. New GAC System Installation*		each	$1,900.00		$0.00
BB. Refurbished GAC Sys. Install*		each	$900.00		$0.00
C1. Filter replacement/removal*		each	$350.00		$0.00
DD. GAC System removal, cleaning, & refurbishment*		each	$275.00		$0.00
E1. GAC System housing*		each	$250.00		$0.00
F. In-line particulate filter		each	$150.00		$0.00
G1. Additional piping & fittings		foot	$1.50		$0.00
25. **Well Repair**					
A1. Additional Copies of the Report Delivered		each	$50.00		$0.00
B1. Repair 2x2 MW pad*		each	$50.00		$0.00
C1. Repair 4x4 MW pad*		each	$88.00		$0.00
D1. Repair well vault*		each	$118.00		$0.00
F1. Replace well cover bolts		each	$2.60		$0.00
G. Replace locking well cap & lock		each	$15.00		$0.00
H1. Replace/Repair stick-up*		each	$134.00		$0.00
I1. Convert Flush-mount to Stick-up*		each	$150.00		$0.00
J1. Convert Stick-up to Flush-mount*		each	$130.00		$0.00
K1. Replace missing/illegible well ID plate		each	$12.00		$0.00
Report Prep & Project Coordination	12%	percent	$10,775.40		$1,293.05
TOTAL					$12,068.45

*The appropriate mobilization cost can be added to complete these tasks, as necessary. DHEC

D H E C

PROMOTE PROTECT PROSPER

Catherine E. Heigel, Director
Promoting and protecting the health of the public and the environment



MS CARRIE LENOIR
C/O STEVE LENOIR
LENOIR STORE
3240 HORATIO HAGOOD RD
HORATIO SC 29062-0156

SEP 1 1 2015

Re: **Groundwater Sampling Directive**
Lenoir Store, 3240 Horatio Hagood Rd, Horatio, SC
UST Permit # 08825; CA# 50933
Release reported June 29, 1993
Site Specific Work Plan received September 4, 2015
Sumter County

Dear Ms. Lenoir:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) has reviewed and approved the referenced Site Specific Work Plan (SSWP) submitted on your behalf by Geological Resources, Inc. The next appropriate scope of work at the site is a comprehensive groundwater sampling event. All work should be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), Geological Resources, Inc.'s approved SSWP and Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the current revision of the Agency UST QAPP is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/.

Groundwater sampling activities at the site should begin immediately upon receipt of this letter. Cost agreement # 50933 has been approved for the amount shown on the enclosed cost agreement form for sampling of all monitoring wells, water supply wells, or surface water locations associated with the referenced release. Groundwater samples should be collected and analyzed for BTEX, naphthalene, MtBE, 1,2 DCA, 8 oxygenates, and EDB.

The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activity(ies). If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

The Monitoring Report, contractor checklist (QAPP Appendix K), and invoice are due within 60 days from the date of this letter. The report submitted at the completion of these activities should include the required information outlined in the QAPP. Please note that all applicable South Carolina certification requirements apply to the services and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

Geological Resources, Inc. can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved.
Please note that applicable South Carolina certification requirements regarding laboratory services and report preparation must be satisfied. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Agency is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Agency for the cost to be paid. The Agency reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Agency reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note, if unnecessary dilutions are completed resulting in reporting limits of individual chemicals of concern (CoC) in excess of Risk-Based Screening Levels (RBSLs), the data cannot be used. In those cases, the Division may deny payment for any non-detect analysis where the reporting limit exceeds the RBSL. The UST Management Division encourages the use of 'J' values as necessary so the appropriate action can be determined for a release.

The Agency grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. The transport and disposal must be conducted in accordance with the QAPP. If the CoC concentrations based on laboratory analysis are below RBSLs, please contact the project manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit # 08825. If you have any questions regarding this correspondence, please contact me by telephone at (803) 898-0610, by fax at (803) 898-0673, or by e-mail at hetricml@dhec.sc.gov.

Sincerely,

Matthew Lee Hetrick

Matthew L. Hetrick, Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: Geological Resources, Inc., 3502 Hayes Road, Monroe, NC 28110 (with enc.)
Technical File (with enc.)

Approved Cost Agreement 50933

Facility: 08825 LENOIR STORE

HETRICML

PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
01 PLAN						
		A1	SITE SPECIFIC WORK PLAN	1.0000	150.00	150.00
04 MOB/DEMOB						
		B1	PERSONNEL	2.0000	423.00	846.00
10 SAMPLE COLLECTION						
		A1	GROUNDWATER (PURGE)	3.0000	60.00	180.00
		C1	WATER SUPPLY	7.0000	22.00	154.00
		D1	GROUNDWATER NO PURGE/DUPLICATE	38.0000	28.00	1,064.00
		H1	FIELD BLANK	1.0000	24.60	24.60
11 ANALYSES	GW GROUNDWATER					
		A2	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	50.0000	122.00	6,100.00
		F1	EDB BY 8011	49.0000	45.20	2,214.80
17 DISPOSAL						
		AA	WASTEWATER	75.0000	0.56	42.00
19 RPT/PROJECT MNGT & COORDINATIO						
		PRT	REPORT PREPARATION	0.1200	10,775.40	1,293.05
				Total Amount		12,068.45

UST
Matthew
OCT 3 0 2015
PROGRAM

Geological Resources, Inc.

UST
23tech
DOCKETING

October 26, 2015

Ms. Cathleen Ridgley
SCDHEC-Underground Storage Tank Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, SC 29201

Re: Ground Water Monitoring Report\
September 2015
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County, SC
UST Permit Number: 08825
GRI Project No: 2001

Dear Ms. Ridgley,

Please find enclosed the referenced report for the above mentioned site. If you have any questions, please do not hesitate to contact Scott Ball at (704) 845-4010.

Sincerely,
Geological Resources, Inc.

JDonnelly

Jackie Donnelly
Project Coordinator

Enclosure

cc: Mr. Carrie Lenoir, Lenoir Store
file

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

GROUND WATER MONITORING REPORT
SEPTEMBER 2015
LENOIR STORE
3240 HORATIO HAGOOD RD.
HORATIO, SUMTER COUNTY
SOUTH CAROLINA
UST PERMIT NO. 08825
GRI PROJECT NO. 2001

Prepared for:

Ms. Carrie Lenoir
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina 29062

Prepared by:

Geological Resources, Inc.
3502 Hayes Road
Monroe, North Carolina 28110
Class 1 UST Site Rehabilitation Contractor # 74

October 26, 2015

W. Scott Ball
Senior Project Manager

JOHN M. BROWN
REGISTERED
NO. 1116
PROFESSIONAL GEOLOGIST
NORTH CAROLINA

John M. Brown, P.G.
License Number 1116

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 FACILITY INFORMATION 1

3.0 GROUND WATER QUALITY 2

4.0 QA/QC 3

5.0 CONCLUSIONS AND RECOMMENDATIONS 4

6.0 LIMITATIONS 4

FIGURES

Figure 1: Site Location Map
Figure 2: Site Map
Figure 3: Water Table Surface Map
Figure 4: Ground Water Quality Map

TABLES

Table 1: Summary of Ground Water Elevation Data
Table 2: Summary of Laboratory Analytical Results – Chemicals of Concern - Ground Water Samples
Table 3: Summary of Laboratory Analytical Results – Ground Water Samples - Oxygenates

APPENDICES

Appendix A: Laboratory Analytical Report - Ground Water Samples
Appendix B: Field Data Information Sheets
Appendix C: Contractor Checklist

1.0 INTRODUCTION

This report presents the results of comprehensive ground water sampling activities conducted in September 2015 at the Lenoir Store site, located at 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina (**Figure 1**). The activities were conducted in accordance with the "Groundwater Sampling Directive" dated September 11, 2015 from the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the activities was to obtain current ground water quality data for the site. The site currently contains a general store and post office. Adjacent properties are currently used for residential purposes.

A release from the UST system was reported to the SCDHEC on June 29, 1993. One 2,000-gallon gasoline UST was removed from the site on June 4, 1993. One 3,000-gallon gasoline UST was closed in place on June 16, 1999. A Tier I Assessment was completed at the site in October 2003. A Tier II Assessment was completed at the site in April 2008. A total of thirty-five Type III monitoring wells (MW-1 through MW-35), three telescoping wells (TW-1 through TW-3) and two recovery wells (RW-1 and RW-2) have been installed during previous assessment activities conducted at the site. In addition, several AFVR and ground water sampling events have been conducted at the site since completion of the Tier II assessment.

Eight water supply wells (WSW-1 though WSW-8) were identified within 1,000 feet of the source area during a receptor survey conducted in April 2008 as part of the Tier II assessment. Municipal water is available to all properties in the area. The last comprehensive ground water sampling event conducted at the site occurred on December 22 and 23, 2014. Contaminants of concern (COCs) above their respective risk-based screening levels (RBSLs) have been reported in several monitoring wells at the site. This report summarizes the September 2015 ground water monitoring results.

2.0 FACILITY INFORMATION

- **Facility Name:** Lenoir Store
- **Location:** 3240 Horatio Hagood Road
Horatio, Sumter County, SC 29062
- **UST Permit No.** 08825
- **Land Use:** Commercial
- **Property Owner:** Carrie Lenoir
3240 Horatio Hagood Road

Horatio, SC 29062
803-499-4023

- **UST Owner/Operator:** Carrie Lenoir
  3240 Horatio Hagood Road
  Horatio, SC 29062
  803-499-4023

- **Site Rehabilitation Contractor:** Geological Resources, Inc. (GRI)
  3502 Hayes Road
  Monroe, North Carolina 28110
  (704) 845-4010
  Class 1, Certification Number 74

- **Laboratory:** Accutest Laboratories - Southeast
  4405 Vineland Road, Suite C-15
  Orlando, FL 32811
  (407) 425-6700
  State Certification Number: 96038001

Release Information:

- **Date Discovered:** June 29, 1993
- **Estimated Amount of Release:** Unknown
- **Source of Release:** Leaking UST System
- **UST Size/Contents:** One 2,000-gallon and one 3,000-gallon gasoline USTs

- **Latitude:** 34.0216209°North **Longitude:** 80.5678072° West

3.0 GROUND WATER QUALITY

Thirty-three Type III monitoring wells (MW-1 through MW-21, MW-23, MW-24 and MW-26 through MW-35) and three telescoping monitoring wells (TW-1 through TW-3) were gauged, purged and/or sampled on September 30, 2015. Telescoping wells TW-1 through TW-3 and monitoring wells MW-21 and MW-30 were the only wells purged prior to sampling. Monitoring well MW-21 was purged because it had been almost five years since it was previously sampled. Telescoping wells TW-1 through TW-3 and monitoring well MW-30 were purged because the top of the well screens were below the water table. Monitoring wells MW-22 and MW-25 could not be located. In addition, water supply wells WSW-1, WSW-2, WSW-3, WSW-6, WSW-7 and WSW-8 were sampled on September 30, 2015.

The depths to ground water in the Type III monitoring wells during the September 2015 gauging event ranged from 2.93 to 12.23 feet below the top of casings. Free product was not encountered during the September 2015 monitoring event. Free product has historically been encountered in MW-1. Ground water elevations in the Type III monitoring wells relative to a temporary benchmark with an assumed datum of 100.00 feet ranged from 88.80 to 95.26 feet. Based on this data, the ground water flow direction

was toward the west with anomalous highs in the areas of MW-3 and MW-30. The horizontal hydraulic gradient across the site was less than 0.001 feet per foot. The vertical hydraulic gradient calculated for paired wells MW-1/TW-1 and MW-20/TW-2 were approximately 0.01 and 0.001 feet per foot downward, respectively. A Site Map showing the locations of the monitoring wells and the structures on-site has been included as **Figure 2**. Summaries of ground water elevation data for the September 2015 sampling event are presented in **Table 1**. A Water Table Surface Map for the September 2015 sampling event has been included as **Figure 3**.

Laboratory analyses were performed on the ground water samples collected from the monitoring wells during the September 2015 sampling event for BTEX, MTBE, naphthalene, 1,2-dichloroethane (1,2-DCA) and eight oxygenates using EPA Method 8260B and EDB by Method 8011. Concentrations of one or more BTEX constituents, naphthalene, 1,2-DCA and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-15, MW-20, MW-23, MW-24, MW-27 and MW-28. Detectable concentrations of oxygenates were reported in the samples collected from MW-4, MW-11, MW-15, MW-23, MW-24, MW-27 and MW-28. No detectable concentrations of requested method constituents were reported in any of the samples collected from the water supply wells or telescoping wells. A Ground Water Quality Map based on data from the September 2015 sampling event has been included as **Figure 4**. Summaries of ground water analytical results are presented in **Table 2** and **Table 3**. A complete laboratory analytical report has been included as **Appendix A**. Ground Water Sampling Data Sheets are attached as **Appendix B**.

4.0 QA/QC

Monitoring well gauging, purging and sampling was conducted in general accordance with the SCDHEC Programmatic QAPP and the approved site specific Contractor Addendum. All wells were purged and/or sampled with dedicated disposable bailers. All field measurement equipment was properly decontaminated between sampling locations. Duplicate samples from monitoring wells MW-15, MW-20 and MW-34 (MW-15 DUP, MW-20 DUP and MW-34 DUP), and one field blank were collected during the sampling activities. Laboratory results for each sample and their respective duplicate samples showed the same compounds at similar concentrations except the detectable contaminant concentrations in MW-20 DUP were significantly lower than MW-20. No detectable concentrations of method constituents were reported in the trip blank or the field blank. All applicable items on the Contractor Checklist were reviewed and verified. A copy of the Contractor Checklist is included as **Appendix C**.

5.0 CONCLUSIONS AND RECOMMENDATIONS

- Thirty-three Type III monitoring wells, three telescoping monitoring wells and six water supply wells were gauged, purged and/or sampled on September 30, 2015. Ground water flow across the site was generally towards the west. The horizontal hydraulic gradient across the site was less than 0.01 feet per foot. The vertical hydraulic gradient across the site varied from 0.01 to 0.001 feet per foot downward.
- Concentrations of one or more BTEX constituents, naphthalene, 1,2-DCA and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-15, MW-20, MW-23, MW-24, MW-27 and MW-28. Detectable concentrations of oxygenates were reported in the samples collected from MW-4, MW-11, MW-15, MW-23, MW-24, MW-27 and MW-28. No detectable concentrations of requested method constituents were reported in any of the samples collected from the water supply wells or telescoping wells.
- Free product was not encountered in any of the monitoring wells sampled in September 2015.
- Due to the presence and use of several water supply wells in the immediate vicinity of the release, ground water monitoring should continue as directed by SCDHEC.

6.0 LIMITATIONS

This report has been prepared for the exclusive use of Carrie Lenoir and the SCDHEC for specific application to the referenced site in Sumter County, South Carolina. The assessment was conducted based on the scope of work and level of effort specified by the SCDHEC and with resources adequate only for that scope of work. Our findings have been developed in accordance with generally accepted standards of geology and hydrogeology practices in the State of South Carolina, available information, and our professional judgment. No other warranty is expressed or implied.

The data that are presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. In addition, the data obtained from samples would be interpreted as being meaningful with respect to parameters indicated in the laboratory report. No additional information can logically be inferred from these data. Please note that certain information contained in this report was not obtained under the direct supervision of GRI personnel. Therefore, GRI cannot verify the accuracy of this information. However, for the purpose of this report, GRI assumes the information is correct.

FIGURES

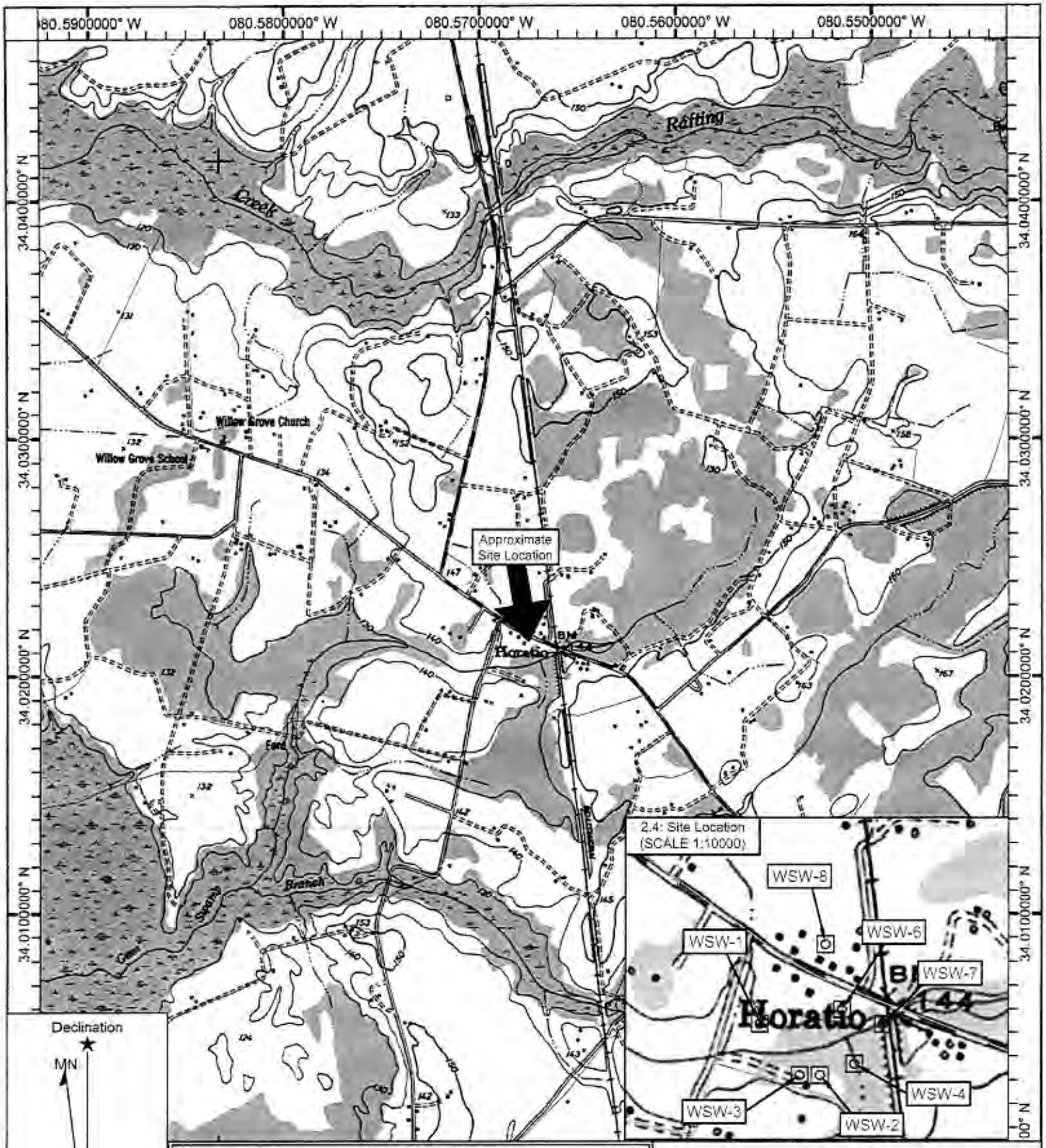


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

SCALE 1:24000

0 1000 2000 3000 4000 5000
FEET

Legend: Water Supply Well

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

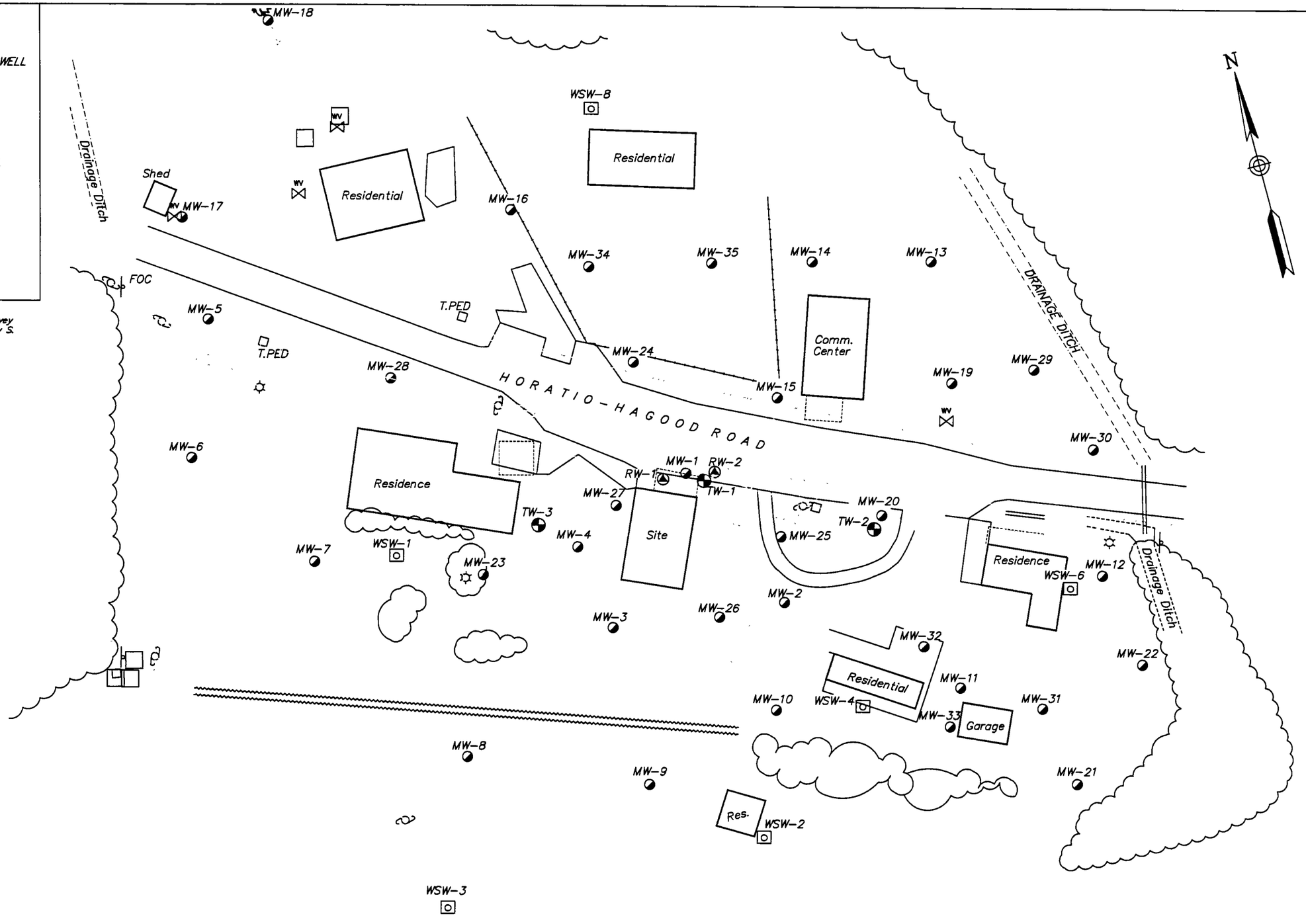
Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED — TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Jay S. Joshi of Columbia, SC.



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

SITE MAP

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	10/19/15	Drawn by:	ECH	Figure:	2

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WV WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE
- 89.00 WATER TABLE SURFACE CONTOUR
- (89.03) GROUND WATER ELEVATION (FT.)
- (NM) NOT MEASURED

MW-18 (88.91)
MW-17 (88.81)
MW-5 (88.83)
MW-6 (88.80)
MW-7 (88.85)
MW-8 (88.89)
MW-9 (89.05)
MW-10 (89.12)
MW-11 (89.17)
MW-12 (89.40)
MW-13 (89.20)
MW-14 (89.13)
MW-15 (89.10)
MW-16 (89.04)
MW-19 (89.16)
MW-20 (89.13)
MW-21 (89.16)
MW-22 (NM)
MW-23 (88.98)
MW-24 (89.05)
MW-25 (NM)
MW-26 (89.10)
MW-27 (89.02)
MW-28 (88.93)
MW-29 (89.16)
MW-30 (95.26)
MW-31 (89.99)
MW-32 (89.18)
MW-33 (89.19)
MW-34 (89.05)
MW-35 (89.11)
MW-1 (89.03)
MW-2 (89.10)
MW-3 (94.62)
MW-4 (89.02)
RW-1
RW-2
TW-1
TW-2
TW-3
WSW-1
WSW-2
WSW-3
WSW-4
WSW-6
WSW-7
WSW-8
T.PED
FOC
Shed
Residential
Residence
Site
Comm. Center
Garage
Res.
Drainage Ditch
HORATIO-HAGOOD ROAD
88.80
88.90
89.00
89.10
89.20
89.30
89.40
90.00
92.00
94.00
89.80
N

Geological Resources, Inc.

0 30 60 120
(IN FEET)
1 inch = 60 ft

WATER TABLE SURFACE MAP (09/30/15)

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	10/19/15	Drawn by:	ECH	Figure:	3

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED — TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

913	BENZENE
6,360	TOLUENE
1,040	ETHYLBENZENE
10,700	XYLENES
291 J	NAPHTHALENE
<20	1,2-DCA
0.083	EDB

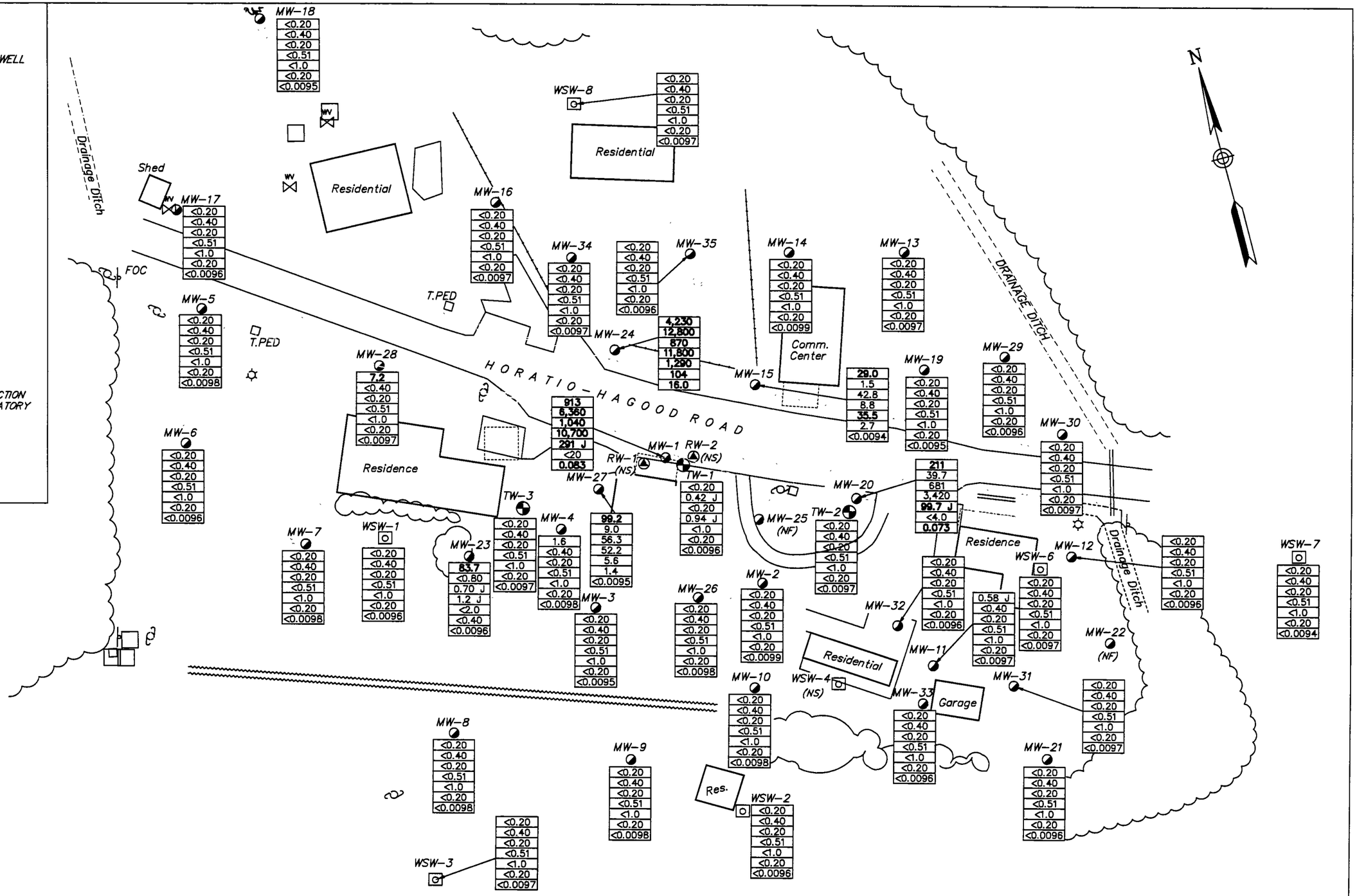
CONCENTRATIONS IN µg/L

<20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

(NS) NOT SAMPLED

(NF) NOT FOUND



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

GROUND WATER QUALITY MAP (09/30/15)

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	10/20/15	Drawn by:	ECH	Figure:	4

TABLES

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-1	09/23/03	09/24/03	100.00	9.16	---	90.84	14.5	4.5-14.5
		08/28/07		11.54	0.66	89.03		
		03/07/08	100.27	3.16	0.56	97.59		
		06/12/08		10.44	0.11	89.92		
		08/25/08		9.86	0.11	90.50		
		03/05/09		8.62	0.20	91.82		
		10/13/10		10.79	0.02	89.50		
		07/25/11		11.41	0.03	88.89		
		02/29/12		12.52	0.04	87.78		
		07/18/13		8.52	---	91.75		
		01/23/14		9.16	---	91.11		
		08/28/14		9.66	0.03	90.64		
		12/23/14		10.89	---	89.38		
		09/30/15		11.24	---	89.03		
MW-2	09/23/03	09/24/03	99.74	9.01	---	90.73	15	5-15
		08/28/07		10.76	---	88.98		
		03/07/08	100.00	3.70	---	96.30		
		06/12/08		10.02	---	89.98		
		08/25/08		9.18	---	90.82		
		03/05/09		4.20	---	95.80		
		10/13/10		10.46	---	89.54		
		02/29/12		6.33	---	93.67		
		07/18/13		3.15	---	96.85		
		01/23/14		6.38	---	93.62		
		08/28/14		9.28	---	90.72		
		12/23/14		10.49	---	89.51		
		09/30/15		10.90	---	89.10		
MW-3	09/23/03	09/24/03	100.11	7.68	---	92.43	14	4-14
		08/28/07		11.22	---	88.89		
		03/07/08	100.41	3.04	---	97.37		
		06/12/08		10.49	---	89.92		
		08/25/08		5.89	---	94.52		
		03/05/09		3.87	---	96.54		
		10/13/10		7.72	---	92.69		
		02/29/12		3.20	---	97.21		
		07/18/13		2.04	---	98.37		
		01/23/14		2.45	---	97.96		
		08/28/14		6.24	---	94.17		
		12/22/14		5.61	---	94.80		
		09/30/15		5.79	---	94.62		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-4	03/05/08	03/07/08	100.76	7.85	---	92.91	12	2-12
		06/12/08		10.87	---	89.89		
		08/25/08		10.28	---	90.48		
		03/05/09		8.91	---	91.85		
		10/13/10		11.28	---	89.48		
		07/25/11		11.70	---	89.06		
		02/29/12		DRY	---	DRY		
		07/18/13		8.07	---	92.69		
		01/23/14		9.62	---	91.14		
		08/28/14		10.18	---	90.58		
		12/22/14		11.34	---	89.42		
		09/30/15		11.74	---	89.02		
MW-5	03/05/08	03/07/08	99.16	7.71	---	91.45	12	2-12
		06/12/08		9.37	---	89.79		
		08/25/08		8.74	---	90.42		
		03/05/09		7.35	---	91.81		
		10/13/10		9.81	---	89.35		
		02/29/12		11.52	---	87.64		
		07/18/13		6.49	---	92.67		
		01/23/14		8.07	---	91.09		
		08/28/14		8.70	---	90.46		
		12/22/14		9.89	---	89.27		
		09/30/15		10.33	---	88.83		
MW-6	03/05/08	03/07/08	98.32	6.98	---	91.34	12	2-12
		06/12/08		8.56	---	89.76		
		08/25/08		7.94	---	90.38		
		03/05/09		6.60	---	91.72		
		10/13/10		8.99	---	89.33		
		02/29/12		10.60	---	87.72		
		07/18/13		5.44	---	92.88		
		01/23/14		7.23	---	91.09		
		08/28/14		7.94	---	90.38		
		12/22/14		9.21	---	89.11		
		09/30/15		9.52	---	88.80		
MW-7	03/05/08	03/07/08	99.45	8.16	---	91.29	12	2-12
		06/12/08		9.70	---	89.75		
		08/25/08		9.08	---	90.37		
		03/05/09		7.66	---	91.79		
		10/13/10		10.09	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.83	---	92.62		
		01/23/14		8.41	---	91.04		
		08/28/14		9.02	---	90.43		
		12/22/14		10.17	---	89.28		
		09/30/15		10.60	---	88.85		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-8	03/05/08	03/07/08	98.43	7.23	---	91.20	13	3-13
		06/12/08		8.70	---	89.73		
		08/25/08		8.91	---	89.52		
		03/05/09		8.35	---	90.08		
		10/13/10		9.07	---	89.36		
		02/29/12		10.74	---	87.69		
		07/18/13		NM	NM	NM		
		01/23/14		7.43	---	91.00		
		08/28/14		7.99	---	90.44		
		12/22/14		9.12	---	89.31		
		09/30/15		9.54	---	88.89		
MW-9	03/05/08	03/07/08	99.09	7.63	---	91.46	12	2-12
		06/12/08		9.17	---	89.92		
		08/25/08		8.50	---	90.59		
		03/05/09		7.37	---	91.72		
		10/13/10		9.54	---	89.55		
		02/29/12		11.07	---	88.02		
		07/18/13		5.30	---	93.79		
		01/23/14		7.87	---	91.22		
		08/28/14		8.45	---	90.64		
		12/22/14		9.67	---	89.42		
		09/30/15		10.04	---	89.05		
MW-10	03/05/08	03/07/08	99.16	7.81	---	91.35	12	2-12
		06/12/08		9.20	---	89.96		
		08/25/08		8.66	---	90.50		
		03/05/09		7.26	---	91.90		
		10/13/10		9.61	---	89.55		
		02/29/12		11.20	---	87.96		
		07/18/13		6.59	---	92.57		
		01/23/14		8.02	---	91.14		
		08/28/14		8.48	---	90.68		
		12/23/14		9.67	---	89.49		
		09/30/15		10.04	---	89.12		
MW-11	03/05/08	03/07/08	98.23	6.79	---	91.44	12	2-12
		06/12/08		8.26	---	89.97		
		08/25/08		7.70	---	90.53		
		03/05/09		6.34	---	91.89		
		10/13/10		8.65	---	89.58		
		07/25/11		9.25	---	88.98		
		02/29/12		10.20	---	88.03		
		07/18/13		5.53	---	92.70		
		01/23/14		7.08	---	91.15		
		08/28/14		7.50	---	90.73		
		12/22/14		8.64	---	89.59		
		09/30/15		9.06	---	89.17		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-12	03/05/08	03/07/08	97.88	6.34	---	91.54	13	3-13
		06/12/08		7.83	---	90.05		
		08/25/08		7.20	---	90.68		
		03/05/09		5.82	---	92.06		
		10/13/10		8.18	---	89.70		
		02/29/12		9.69	---	88.19		
		07/18/13		4.95	---	92.93		
		01/23/14		6.51	---	91.37		
		08/28/14		7.02	---	90.86		
		12/22/14		8.14	---	89.74		
		09/30/15		8.48	---	89.40		
MW-13	03/06/08	03/07/08	98.27	6.95	---	91.32	12	2-12
		06/12/08		8.20	---	90.07		
		08/25/08		7.66	---	90.61		
		03/05/09		6.30	---	91.97		
		10/13/10		8.60	---	89.67		
		02/29/12		10.38	---	87.89		
		07/18/13		5.49	---	92.78		
		01/23/14		7.02	---	91.25		
		08/28/14		7.53	---	90.74		
		12/22/14		8.78	---	89.49		
		09/30/15		9.07	---	89.20		
MW-14	03/06/08	03/07/08	97.29	6.02	---	91.27	12	2-12
		06/12/08		7.30	---	89.99		
		08/25/08		6.71	---	90.58		
		03/05/09		5.36	---	91.93		
		10/13/10		7.65	---	89.64		
		02/29/12		9.43	---	87.86		
		07/18/13		4.54	---	92.75		
		01/23/14		6.09	---	91.20		
		08/28/14		6.57	---	90.72		
		12/22/14		7.87	---	89.42		
		09/30/15		8.16	---	89.13		
MW-15	03/06/08	03/07/08	99.64	8.38	---	91.26	13	3-13
		06/12/08		9.66	---	89.98		
		08/25/08		9.09	---	90.55		
		03/05/09		7.71	---	91.93		
		10/13/10		10.03	---	89.61		
		07/25/11		10.65	---	88.99		
		02/29/12		11.74	---	87.90		
		07/18/13		6.82	---	92.82		
		01/23/14		8.37	---	91.27		
		08/28/14		8.45	---	91.19		
		12/22/14		10.20	---	89.44		
		09/30/15		10.54	---	89.10		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-16	03/06/08	03/07/08	101.27	10.00	---	91.27	13	3-13
		06/12/08		11.31	---	89.96		
		08/25/08		10.74	---	90.53		
		03/05/09		9.36	---	91.91		
		10/13/10		11.70	---	89.57		
		02/29/12		DRY	---	DRY		
		07/18/13		5.53	---	95.74		
		01/23/14		10.13	---	91.14		
		08/28/14		10.66	---	90.61		
		12/22/14		11.67	---	89.60		
		09/30/15		12.23	---	89.04		
MW-17	03/06/08	03/07/08	99.09	8.35	---	90.74	13	3-13
		06/12/08		9.32	---	89.77		
		08/25/08		8.70	---	90.39		
		03/05/09		7.29	---	91.80		
		10/13/10		9.73	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.49	---	92.60		
		01/23/14		8.07	---	91.02		
		08/28/14		8.68	---	90.41		
		12/22/14		9.90	---	89.19		
		09/30/15		10.28	---	88.81		
MW-18	03/06/08	03/07/08	99.71	7.95	---	91.76	13	3-13
		06/12/08		9.83	---	89.88		
		08/25/08		9.23	---	90.48		
		03/05/09		7.86	---	91.85		
		10/13/10		10.27	---	89.44		
		02/29/12		12.01	---	87.70		
		07/18/13		6.90	---	92.81		
		01/23/14		8.58	---	91.13		
		08/28/14		9.18	---	90.53		
		12/22/14		10.41	---	89.30		
		09/30/15		10.80	---	88.91		
MW-19	05/06/08	06/12/08	98.52	8.48	---	90.04	14	4-14
		08/25/08		8.40	---	90.12		
		03/05/09		7.73	---	90.79		
		10/13/10		8.88	---	89.64		
		07/25/11		9.48	---	89.04		
		02/29/12		10.67	---	87.85		
		07/18/13		6.04	---	92.48		
		01/23/14		7.38	---	91.14		
		08/28/14		7.78	---	90.74		
		12/22/14		9.04	---	89.48		
		09/30/15		9.36	---	89.16		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-20	05/06/08	06/12/08	99.65	9.69	---	89.96	14	4-14
		08/25/08		9.24	---	90.41		
		03/05/09		8.32	---	91.33		
		10/13/10		10.07	---	89.58		
		07/25/11		10.63	---	89.02		
		02/29/12		11.72	---	87.93		
		07/18/13		6.99	---	92.66		
		01/23/14		8.52	---	91.13		
		08/28/14		8.91	---	90.74		
		12/22/14		10.14	---	89.51		
		09/30/15		10.52	---	89.13		
MW-21	05/06/08	06/12/08	97.64	8.71	---	88.93	14	4-14
		08/25/08		7.19	---	90.45		
		03/05/09		5.95	---	91.69		
		10/13/10		8.05	---	89.59		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		8.48	---	89.16		
MW-22	05/06/08	06/12/08	97.35	7.31	---	90.04	14	4-14
		08/25/08		6.63	---	90.72		
		03/05/09		5.11	---	92.24		
		10/13/10		7.67	---	89.68		
		02/29/12		5.95	---	91.40		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		NM	---	NM		
MW-23	05/06/08	06/12/08	100.47	10.65	---	89.82	14	4-14
		08/25/08		10.04	---	90.43		
		03/05/09		9.17	---	91.30		
		10/13/10		NM	---	NM		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.38	---	91.09		
		08/28/14		9.92	---	90.55		
		12/22/14		11.08	---	89.39		
		09/30/15		11.49	---	88.98		
MW-24	05/06/08	06/12/08	99.69	9.75	---	89.94	14	4-14
		08/25/08		9.17	---	90.52		
		03/05/09		7.80	---	91.89		
		10/13/10		10.13	---	89.56		
		07/25/11		10.76	---	88.93		
		02/29/12		11.80	---	87.89		
		07/18/13		7.00	---	92.69		
		01/23/14		9.55	---	90.14		
		08/28/14		9.02	---	90.67		
		12/22/14		10.26	---	89.43		
		09/30/15		10.64	---	89.05		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-25	08/25/08	08/25/08	101.10	10.60	---	90.50	14.5	4.5-14.5
		03/05/09		9.20	---	91.90		
		10/13/10		11.56	---	89.54		
		07/25/11		12.16	---	88.94		
		02/29/12		13.15	---	87.95		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		NM	---	NM		
MW-26	08/25/08	08/25/08	100.10	9.61	---	90.49	15	5-15
		03/05/09		9.04	---	91.06		
		10/13/10		10.56	---	89.54		
		02/29/12		12.18	---	87.92		
		07/18/13		7.45	---	92.65		
		01/23/14		8.66	---	91.44		
		08/28/14		9.44	---	90.66		
		12/23/14		10.63	---	89.47		
		09/30/15		11.00	---	89.10		
MW-27	08/25/08	08/25/08	100.74	10.41	---	90.33	15	5-15
		03/05/09		9.90	---	90.84		
		10/13/10		11.25	---	89.49		
		07/25/11		11.86	---	88.88		
		02/29/12		12.90	---	87.84		
		07/18/13		8.02	---	92.72		
		01/23/14		9.61	---	91.13		
		08/28/14		10.14	---	90.60		
		12/22/14		11.29	---	89.45		
		09/30/15		11.72	---	89.02		
MW-28	08/25/08	08/25/08	100.92	10.41	---	90.51	15	5-15
		03/05/09		10.01	---	90.91		
		10/13/10		11.47	---	89.45		
		07/25/11		12.05	---	88.87		
		02/29/12		13.20	---	87.72		
		07/18/13		8.10	---	92.82		
		01/23/14		9.82	---	91.10		
		08/28/14		10.39	---	90.53		
		12/22/14		11.54	---	89.38		
		09/30/15		11.99	---	88.93		
MW-29	08/25/08	08/25/08	96.98	6.40	---	90.58	14	4-14
		03/05/09		5.00	---	91.98		
		10/13/10		7.30	---	89.68		
		02/29/12		9.05	---	87.93		
		07/18/13		4.19	---	92.79		
		01/23/14		5.73	---	91.25		
		08/28/14		6.27	---	90.71		
		12/22/14		7.59	---	89.39		
		09/30/15		7.82	---	89.16		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-30	08/25/08	08/25/08	98.19	3.21	---	94.98	14	4-14
		03/05/09		6.22	---	91.97		
		10/13/10		NM	---	NM		
		02/29/12		2.92	---	95.27		
		07/18/13		2.05	---	96.14		
		01/23/14		2.42	---	95.77		
		08/28/14		7.38	---	90.81		
		12/22/14		3.72	---	94.47		
		09/30/15		2.93	---	95.26		
MW-31	08/25/08	08/25/08	98.12	7.59	---	90.53	15	5-15
		03/05/09		7.41	---	90.71		
		10/13/10		8.48	---	89.64		
		02/29/12		10.22	---	87.90		
		07/18/13		5.34	---	92.78		
		01/23/14		8.19	---	89.93		
		08/28/14		7.30	---	90.82		
		12/22/14		8.47	---	89.65		
		09/30/15		8.13	---	89.99		
MW-32	08/25/08	08/25/08	99.11	8.52	---	90.59	15	5-15
		03/05/09		7.98	---	91.13		
		10/13/10		9.48	---	89.63		
		02/29/12		11.19	---	87.92		
		07/18/13		6.43	---	92.68		
		01/23/14		7.94	---	91.17		
		08/28/14		8.38	---	90.73		
		12/22/14		9.59	---	89.52		
		09/30/15		9.93	---	89.18		
MW-33	08/25/08	08/25/08	97.92	7.41	---	90.51	15	5-15
		03/05/09		6.34	---	91.58		
		10/13/10		8.32	---	89.60		
		02/29/12		9.90	---	88.02		
		07/18/13		5.24	---	92.68		
		01/23/14		6.74	---	91.18		
		08/28/14		7.18	---	90.74		
		12/22/14		8.28	---	89.64		
		09/30/15		8.73	---	89.19		
MW-34	03/03/09	03/05/09	100.73	8.80	---	91.93	15	5-15
		10/13/10		11.17	---	89.56		
		07/28/11		11.83	---	88.90		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.49	---	91.24		
		08/28/14		10.08	---	90.65		
		12/22/14		11.37	---	89.36		
		09/30/15		11.68	---	89.05		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-35	03/03/09	03/05/09	99.07	7.12	---	91.95	13	3-13
		10/13/10		9.46	---	89.61		
		07/28/11		10.12	---	88.95		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		7.82	---	91.25		
		08/28/14		8.38	---	90.69		
		12/22/14		9.62	---	89.45		
		09/30/15		9.96	---	89.11		
TW-1	03/06/08	03/07/08	100.22	9.55	---	90.67	41	36-41
		06/12/08		9.85	---	90.37		
		08/25/08		10.52	---	89.70		
		03/05/09		9.17	---	91.05		
		10/13/10		10.96	---	89.26		
		07/25/11		11.62	---	88.60		
		02/29/12		12.68	---	87.54		
		07/18/13		8.26	---	91.96		
		01/23/14		9.49	---	90.73		
		08/28/14		9.78	---	90.44		
		12/23/14		11.11	---	89.11		
		09/30/15		11.43	---	88.79		
TW-2	03/03/09	03/05/09	99.81	8.17	---	91.64	38	33-38
		10/13/10		10.39	---	89.42		
		07/25/11		11.09	---	88.72		
		02/29/12		11.95	---	87.86		
		07/18/13		7.56	---	92.25		
		01/23/14		8.77	---	91.04		
		08/28/14		9.24	---	90.57		
		12/23/14		10.53	---	89.28		
		09/30/15		10.71	---	89.10		
TW-3	03/03/09	03/05/09	100.95	9.49	---	91.46	40	35-40
		10/13/10		11.58	---	89.37		
		07/25/11		12.07	---	88.88		
		02/29/12		11.92	---	89.03		
		07/18/13		8.68	---	92.27		
		01/23/14		10.32	---	90.63		
		08/28/14		10.37	---	90.58		
		12/23/14		11.81	---	89.14		
		09/30/15		11.90	---	89.05		
RW-1	06/25/12	12/23/14	102.56	11.12	---	91.11	20	5-20
RW-2	06/25/12	12/23/14	102.23	10.78	---	91.45	20	5-20

Notes:
- Top of casing elevations relative to a temporary benchmark with an assumed datum of 100.00 feet; data reported in feet.
- Ground water elevations corrected for presence of free product with an assumed density of 0.8581, if present.

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-1	09/24/03	**175**	265	**773**	4,000	<1.0	**436**	NR	**1.69**	NR	**191**
	08/28/07	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/06/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	06/12/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	08/26/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/05/09	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	10/13/10	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/25/11	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	02/29/12	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/18/13	**1,620**	**7,760**	**1,800**	**14,500**	<21	**975**	<22	<0.0095	NR	NR
	01/23/14	**3,630**	**10,600**	**5,530**	**19,400**	<40	**6,180**	<48	**1.7**	NR	NR
	08/28/14	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	12/23/14	**22.4**	84.1	9.4 J	1,790	<4.0	**142**	<4.8	**0.44**	NR	NR
	09/30/15	**913**	**6,360**	**1,040**	**10,700**	<30	**291 J**	<20	**0.083**	NR	NR
MW-2	09/24/03	**274**	38.7	**753**	1,530	<1.0	**167**	NR	<0.02	NR	**305**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	**18.3**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR	NR
MW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**211**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	<5.00
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
MW-4	03/06/08	**294**	12.1	231	380	<10	**82.6**	<1.0	<0.010	NR	**428**
	06/12/08	**242**	4.75 I	206	193	<0.60	12.9	NR	<0.85	<2.9	NR
	08/26/08	**97.2**	<0.076	71.8	81	0.299 JI	5.66	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**68**	<1.7	15	13	0.53 J	4.0 J	**5.3**	NR	NR	NR
	07/25/11	**17.0**	0.30 J	3.5	2.2 J	<0.34	1.1 J	0.42 J	<0.010	NR	NR
	07/18/13	3.4	2.7	1.0	42.4	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/28/14	0.37 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	1.6	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-5	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**302**
	06/12/08	<0.31	<0.28	1.03	2.17 I	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
MW-6	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**308**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
MW-7	03/06/08	1.10	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**1,250**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
MW-8	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**189**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-9	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**376**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
MW-10	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**267**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
MW-11	03/06/08	**25.4**	1.83	31.1	45.9	<1.0	23.3	<1.0	<0.010	NR	**390**
	06/12/08	**18.4**	3	26.9	105	<0.12	6.91	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	5.0	<1.7	4.1 J	13	<0.40	2.5 J	<0.30	<0.0061	NR	NR
	07/25/11	3.2	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	0.30 J	<0.20	<0.29	1.2 J	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**5.6**	0.71 J	8.7	21.4	<0.20	5.6	0.51 J	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	0.58 J	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
MW-12	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**699**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	0.34 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.35 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	2.4	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-13	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**346**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
MW-14	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**667**
	06/12/08	0.310 I	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR	NR
MW-15	03/07/08	**237**	402	404	2,050	<20	**174**	<20	**0.117**	NR	**153**
	06/12/08	**590**	**1,430**	**791**	4,950	<2.4	**107**	NR	<3.4	7.14 I	NR
	08/26/08	**143**	127	71.2	332	<0.15	24.4	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**180**	15	220	140	<0.40	**36**	<0.30	**0.076**	NR	NR
	07/25/11	**260**	8.9	212	70.1	<1.7	**36.0**	**7.8**	0.017 J	NR	NR
	03/02/12	**136**	**1,040**	318	1,990	<0.34	**31.7**	**5.3**	**0.057**	NR	NR
	07/18/13	**25.4**	15.4	18.6	119	<0.21	5.9	1.3	<0.0094	NR	NR
	01/23/14	2.9	7.8	3.5	60.2	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**31.7**	11.0	56.8	226	<0.20	23.0	2.0	<0.0096	NR	NR
	12/22/14	**8.0**	2.5	15.2	37.5	<0.20	6.9	1.2	<0.0095	NR	NR
	09/30/15	**29.0**	1.5	42.8	8.8	<0.30	**35.5**	2.7	<0.0094	NR	NR
MW-15 DUP	03/02/12	**145**	907	322	1,890	<3.4	**30.1 J**	4.7 J	**0.067**	NR	NR
	07/18/13	**22.4**	18.5	26.0	163	<0.21	5.7	1.3	<0.0097	NR	NR
	01/23/14	2.4	6.0	2.0	48.8	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**29.1**	10.5	55.7	206	<0.20	20.6	1.9	<0.0095	NR	NR
	12/22/14	3.0	0.83 J	2.7	21.3	<0.20	1.6 J	0.91 J	<0.0096	NR	NR
	09/30/15	**18.2**	2.4	30.9	19.7	<0.30	23.8	2.1	<0.0097	NR	NR
MW-16	03/07/08	<1.0	<1.0	<1.0	3.7	<1.0	4.15	<1.0	<0.010	NR	**313**
	06/12/08	0.350 I	1.78	0.580 I	2.69	<0.12	0.710 I	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.45 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-17	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**23.7**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.48 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
MW-18	03/07/08	<1.0	<1.0	<1.0	4.42	<1.0	<1.0	<1.0	<0.010	NR	**891**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	3.83 I	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	1.4	<0.28	1.1 J	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
MW-19	06/12/08	**20.5**	3.38	42.2	214	<0.12	**25.4**	1.01	<0.17	<2.9	NR
	08/26/08	**46.4**	19.2 JI	72.4	493	<0.39	**39.8**	NR	NR	NR	NR
	03/05/09	**38.7**	5.8	83.5	286.9	<5.0	**47.2**	NR	NR	NR	NR
	10/13/10	**23**	13	50	380	<0.40	**32**	<0.30	0.028	NR	NR
	07/25/11	3.5	0.5 J	0.43 J	7.8	<0.34	2.5 J	0.54 J	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	0.29 J	2.1	2.0	25.2	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	0.47 J	3.3	0.78 J	36.6	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	4.0	19.6	22.2	274	<0.40	<2.0	<0.48	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
MW-19 DUP	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0092	NR	NR
MW-20	06/12/08	**1,180**	**10,400**	**2,870**	**15,400**	<12	**349**	**12.0 I**	<17	5.07 I	NR
	08/26/08	**1,340**	**17,600**	**4,070**	**23,600**	<7.7	**921**	NR	NR	NR	NR
	03/05/09	**1,200**	**8,400**	**2,160**	**11,380**	<5.0	**613**	NR	NR	NR	NR
	10/13/10	**380**	930	**880**	5,600	<8.0	**140**	<6.0	**0.60**	NR	NR
	07/25/11	**665**	**1,910**	**1,180**	4,640	<6.8	**174**	**10.3 J**	**0.19**	NR	NR
	03/02/12	**325**	788	368	2,030	<3.4	**63.6**	**7.2 J**	<0.0093	NR	NR
	07/18/13	**647**	420	**1,590**	7,020	<11	**98.0 J**	<11	**0.089**	NR	NR
	01/23/14	**426**	441	**943**	4,540	<4.0	**112**	**5.4 J**	**0.12**	NR	NR
	08/29/14	**436**	**1,090**	**1,920**	**12,000**	<10	**244 J**	<12	**0.27**	NR	NR
	12/22/14	**152**	36.4	480	2,250	<2.0	**68.8**	<2.4	**0.15**	NR	NR
	09/30/15	**211**	39.7	681	3,420	<6.0	**99.7 J**	<4.0	**0.073**	NR	NR
MW-20 DUP	07/18/13	**606**	450	**1,760**	8,420	<11	**130 J**	<11	<0.0096	NR	NR
	01/23/14	**457**	342	**846**	3,520	<4.0	**78.5 J**	<4.8	**0.14**	NR	NR
	08/28/14	**432**	**1,090**	**2,040**	**12,600**	<10	**322**	<12	**0.30**	NR	NR
	12/22/14	**173**	45.2	527	2,490	<0.20	**86.4**	2.0	**0.097**	**NR**	**NR**
	09/30/15	**7.2**	1.1	23.5	107	<0.30	2.6 J	<0.20	**0.060**	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-21	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0063	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
MW-22	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
MW-23	06/12/08	**5.58**	<0.28	<0.31	1.28 I	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**66.0**	0.27 J	<0.28	2.1 J	<0.20	3.4 J	1.6	<0.0096	NR	NR
	12/22/14	0.53 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	**83.7**	<0.80	0.70 J	1.2 J	<0.60	<2.0	<0.40	<0.0096	NR	NR
MW-24	06/12/08	**7,150**	**56,000**	**20,500**	**104,000**	<1,000	**4,310**	<120	<170	**489**	NR
	08/26/08	**8,370**	**31,700**	**6,440**	**40,800**	<31	**3,590**	NR	NR	NR	NR
	03/05/09	**5,300**	**14,700**	**1,650**	**10,340**	<500	**502**	NR	NR	NR	NR
	10/13/10	**7,600**	**21,000**	**1,700**	**14,000**	<40	**630**	**370 J**	**220**	NR	NR
	07/25/11	**11,500**	**25,100**	**2,030**	**11,700**	<170	<500	**241 J**	**85.5**	NR	NR
	03/02/12	**3,340**	**5,770**	440	6,330	<34	**281 J**	**31.6 J**	**7.0**	NR	NR
	07/18/13	**2,700**	**5,950**	**756**	7,150	<11	**170 J**	**37.3 J**	**34.9**	NR	NR
	01/23/14	**4,120**	**19,100**	**1,270**	**16,700**	<40	**325 J**	**51.6 J**	**44.1**	NR	NR
	08/29/14	**5,610**	**21,700**	**1,950**	**17,900**	<50	**794 J**	**126 J**	**44.4**	NR	NR
	12/22/14	**1,830**	**5,120**	356	7,090	<1.0	**530 J**	**66.1**	**30.4**	NR	NR
	09/30/15	**4,230**	**12,800**	**870**	**11,800**	<30	**1,290**	**104**	**16.0**	NR	NR
MW-24 DUP	03/02/12	**3,220**	**3,870**	437	5,550	<17	**264**	**28.3 J**	**4.9**	NR	NR
	07/18/13	**3,100**	**11,400**	**809**	9,990	<4.2	**310**	**44.8**	**40.5**	NR	NR
MW-25	08/26/08	**1,000**	250	**808**	2,680	<1.5	**178**	<1.8	<0.0059	<2.9	**439**
	03/05/09	**108**	108	94.6	225.5	<5.0	13.7	NR	NR	NR	NR
	10/13/10	**22**	2.4 J	16	43	<0.40	2.6 J	<0.30	<0.0061	NR	NR
	07/25/11	**9.8**	0.30J	4.6	6.0	<0.34	1.0J	<0.20	<0.0094	NR	NR
	03/02/12	**645**	952	610	2,100	<3.4	**129**	<2.0	<0.0094	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-26	08/26/08	0.560 J1	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**752**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
MW-27	08/26/08	**620**	902	610	3,040	<1.5	**201**	<1.8	**0.143**	<2.9	**604**
	03/05/09	**978**	691	426	1,496	<25.0	**125**	NR	NR	NR	NR
	10/13/10	**310**	49	140	270	<0.40	24	**9.8**	**0.083**	NR	NR
	07/25/11	**1,320**	145	329	1,020	<6.8	**59.8 J**	<4.0	<0.0096	NR	NR
	03/02/12	**617**	43.2	53.9	209	<0.34	13.6	3.1	<0.0094	NR	NR
	07/18/13	**117**	174	154	473	<0.42	2.5 J	2.1	<0.0095	NR	NR
	01/23/14	**46.5**	97.4	61.5	186	<0.20	1.2 J	0.58 J	<0.0095	NR	NR
	08/28/14	**123**	191	179	524	<1.0	<5.0	2.1 J	<0.0095	NR	NR
	12/22/14	**7.3**	1.0	0.59 J	10.9	<0.20	<1.0	0.50 J	<0.0097	NR	NR
	09/30/15	**99.2**	9.0	56.3	52.2	<0.30	5.6	1.4	<0.0095	NR	NR
MW-28	08/26/08	**409**	19.8 J1	190	654	<0.77	**78.5**	<0.90	<0.0059	<2.9	**553**
	03/05/09	**43.1**	<5.0	16.7	42.1	<5.0	7.4	NR	NR	NR	NR
	10/13/10	4.8 J	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0075	NR	NR
	07/25/11	**5.5**	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	**20.9**	<0.40	2.3	2.9 J	<0.68	<2.0	<0.40	NA	NR	NR
	07/18/13	0.32 J	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	**6.0**	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	1.6	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	**7.2**	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
MW-29	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**390**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
MW-30	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**49.6**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	1.1	<0.20	0.32 J	1.6 J	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	0.99 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-31	08/26/08	0.512 JI	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**616**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
MW-32	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**2,270**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0062	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
MW-33	08/26/08	3.01 JI	<0.076	2.76 JI	3.52 JI	<0.077	<0.12	1.47 JI	<0.0059	<2.9	**690**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
MW-34	03/06/09	**15.0**	<5.0	<5.0	<15.0	<5.0	**45.7**	<5.0	<0.019	NR	NR
	10/13/10	**19**	1.9 J	<1.7	4.5 J	<0.40	**28**	<0.30	<0.0061	NR	NR
	07/28/11	**50.7**	4.7	17.3	12.6	<0.34	**98.0**	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
MW-34 DUP	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR	NR
MW-35	03/06/09	<5.0	<5.0	28.8	108.8	<5.0	**30.9**	<5.0	<0.019	NR	NR
	10/13/10	**5.2**	<1.7	110	28	<0.40	**56**	<0.30	<0.0061	NR	NR
	07/28/11	**6.7**	<0.20	1.7	1.4J	<0.34	**33.7**	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	0.46 J	8.1	47.8	<0.20	2.6 J	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	1.2	1.5 J	<0.20	8.1	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
TW-1	03/07/08	<1.0	3.38	2.54	14.7	<1.0	1.90	<1.0	<0.010	NR	**22.3**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	0.42 J	<0.20	0.94 J	<0.30	<1.0	<0.20	<0.0096	NR	NR
TW-2	03/06/09	<5.0	24.4	7.4	41	<5.0	5.6	<5.0	<0.020	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
TW-3	03/06/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<0.019	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0059	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
RW-1	12/22/14	**37.0**	95.5	3.6 J	1,340	<1.0	**37.6**	<1.2	**0.083**	NR	NR
RW-2	12/22/14	**33.4**	150	<1.4	1,450	<1.0	**41.8**	<1.2	0.044	NR	NR
WSW-1	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**50.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	**66.9**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**16.6**
	06/12/08	<0.31	0.810 IV	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-2	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	8.0
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	11.3
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
WSW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**20.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	<5.00
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
WSW-4	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	10.0
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	0.490 I	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-5	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	6.60
	03/07/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/29/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
WSW-7	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR	NR
WSW-8	08/25/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
Field Blank	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	<0.21	0.30 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0093	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	0.22 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHEMICALS OF CONCERN
GROUND WATER SAMPLES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
Trip Blank	02/29/12	NR	NR	NR	NR	NR	NR	NR	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	NR	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	NR	NR	NR
	01/23/14	<0.24	0.26 J	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	NR	NR	NR

Notes:

- Analyses for volatile organic compounds by EPA Method 8260B; total & filtered lead by EPA Method 6010B; EDB by Method 8011; results reported in µg/L.
- RBSL: May 2001 Risk Based Screening Level.
- Concentrations in bold face type exceeded the RBSL.
- <: Less than the method detection limit specified in the laboratory report.
- I, J: Estimated value; between the MDL and PQL.
- V: Present in laboratory blank.
- NS: Not sampled.
- NR: Not requested.
- NF: Not found.
- FP: Free Product

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
MW-1	07/25/11	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	02/29/12	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/18/13	**30.8 J**	<2,000	<2,100	<55	<500	<49	<470	<500
	01/23/14	**64.8 J**	<760	<4,600	<40	<1,500	<44	<1,800	<810
	08/28/14	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	12/23/14	**4.6 J**	<76	<460	<4.0	<150	<4.4	<180	<81
	09/30/15	<20	<1,000	<3,500	<20	<810	<22	<540	<400
MW-2	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-3	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-4	07/25/11	**7.0**	<25	<25	<0.31	**102**	<0.39	**18.4 J**	<5.0
	07/18/13	**1.6**	<20	<21	<0.55	**37.1**	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	**47.0**	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	**7.5 J**	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	**0.45 J**	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-5	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-6	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
MW-7	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-8	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-9	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-10	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-11	07/25/11	**1.1**	<25	**78.6J**	<0.31	**22.1**	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	0.72 J	<3.8	<23	<0.20	**23.3**	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	**0.97 J**	<10	<35	<0.20	**16.5 J**	<0.22	<5.4	<4.0
MW-12	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
MW-13	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-14	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-15	07/25/11	**14.6**	<130	<130	<1.6	**413**	<2.0	<15	<25
	03/02/12	**10.8**	<25	<25	<0.31	**754**	<0.39	<3.0	<5.0
	07/18/13	**2.4**	<20	<21	<0.55	**76.2**	<0.49	<4.7	<5.0
	01/23/14	**0.29 J**	<3.8	<23	<0.20	**11.2 J**	<0.22	<8.8	<4.0
	08/29/14	**3.8**	<3.8	<23	<0.20	**147**	<0.22	<8.8	<4.0
	12/22/14	**3.0**	<3.8	<23	<0.20	**107**	<0.22	**12.8 J**	<4.0
	09/30/15	**6.5**	<10	<35	<0.20	**231**	<0.22	<5.4	<4.0
MW-15 DUP	03/02/12	**9.6J**	<250	<250	<3.1	**562**	<3.9	<30	<50
	07/18/13	**2.8**	<20	<21	<0.55	**96.3**	<0.49	<4.7	<5.0
	01/23/14	**0.26 J**	<3.8	<23	<0.20	**9.2 J**	<0.22	<8.8	<4.0
	08/29/14	**3.6**	<3.8	<23	<0.20	**164**	<0.22	<8.8	<4.0
	12/22/14	**2.1**	<3.8	<23	<0.20	**68.9**	<0.22	**9.5 J**	<4.0
	09/30/15	**5.4**	<10	<35	<0.20	**174**	<0.22	<5.4	<4.0
MW-16	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-17	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
MW-18	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-19	07/25/11	**1.2**	<25	<25	<0.31	**27.1**	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	**0.89 J**	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-19 DUP	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
MW-20	07/25/11	**12.1J**	<500	<500	<6.2	**454**	<7.8	<60	<100
	03/02/12	**9.5J**	<250	<250	<3.1	**589**	<3.9	<30	<50
	07/18/13	<13	<1,000	<1,100	<28	**308 J**	<24	<240	<250
	01/23/14	**6.0 J**	<76	<460	<4.0	<350	<4.4	<180	<81
	08/29/14	<11	<190	<1,200	<10	<370	<11	<440	<200
	12/22/14	<2.3	<38	<230	<2.0	**197 J**	<2.2	<88	<40
	09/30/15	<4.0	<200	<700	<4.0	<160	<4.4	<110	<80
MW-20 DUP	07/18/13	<13	<1,000	<1,100	<28	**405 J**	<24	<240	<250
	01/23/14	**7.0 J**	<76	<460	<4.0	**325 J**	<4.4	<180	<81
	08/28/14	<11	<190	<1,200	<10	<370	<11	<440	<200
	12/22/14	**2.4**	<3.8	<23	<0.20	**218**	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-21	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-22	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	NF	NF	NF	NF	NF	NF	NF	NF
MW-23	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	**7.7**	<3.8	<23	<0.20	**70.6**	<0.22	<8.8	<4.0
	12/22/14	**0.54 J**	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	**11.2**	<20	<70	<0.40	**183**	<0.44	<11	<8.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
MW-24	07/25/11	**560**	<13,000	<13,000	<160	**16,200**	<200	<1,500	<2,500
	03/02/12	**100**	<2,500	<2,500	<31	**3,040**	<39	<300	<500
	07/18/13	**83.0**	<1,000	<1,100	<28	**1,140**	<24	<240	<250
	01/23/14	**111 J**	<760	<4,600	<40	<1,500	<44	<1,800	<810
	08/29/14	**185 J**	<950	<5,800	<50	**7,730**	<55	<2,200	<1,000
	12/22/14	**121**	<19	<120	<1.0	**8,630**	<1.1	**81.9 J**	<20
	09/30/15	**247**	<1,000	<3,500	<20	**11,600**	<22	<540	<400
MW-24 DUP	03/02/12	**100**	<1,300	<1,300	<16	**3,080**	<20	<150	<250
	07/18/13	**101**	<400	<420	<11	**1,190**	<9.7	<95	<100
MW-25	07/25/11	<0.35	<25	<25	<0.31	**5.1J**	<0.39	<3.0	<5.0
	03/02/12	**14.3**	<250	<250	<3.1	**823**	<3.9	<30	<50
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS
	08/28/14	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS
MW-26	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-27	07/25/11	**95.6**	<500	<500	<6.2	**1,410**	<7.8	<60	<100
	03/02/12	**90.0**	<25	<25	<0.31	**3,150**	<0.39	<3.0	<5.0
	07/18/13	**14.1**	<40	<42	<1.1	**173**	<0.97	**72.4**	<10
	01/23/14	**2.8**	<3.8	<23	<0.20	**154**	<0.22	<8.8	<4.0
	08/28/14	**7.4**	<19	<120	<1.0	**96.5 J**	<1.1	**68.0 J**	<20
	12/22/14	**6.3**	<3.8	<23	<0.20	**141**	<0.22	**28.1**	<4.0
	09/30/15	**18.7**	<10	<35	<0.20	**338**	<0.22	<5.4	<4.0
MW-28	07/25/11	**0.87 J**	<25	<25	<0.31	**21.7**	<0.39	<3.0	<5.0
	03/01/12	**2.4**	<50	<50	<0.62	**122**	<0.78	<6.0	<10
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	**1.0**	<3.8	<23	<0.20	**92.2**	<0.22	<8.8	<4.0
	12/22/14	**0.81 J**	<3.8	<23	<0.20	**101**	<0.22	**11.6 J**	<4.0
	09/30/15	**1.8**	<10	<35	<0.20	**109**	<0.22	<5.4	<4.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
MW-29	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-30	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	**5.0 J**	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-31	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-32	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-33	03/01/12	**0.49 J**	<25	<25	<0.31	**7.6J**	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-34	07/28/11	**0.93 J**	<25	<25	<0.31	**205**	<0.39	**13.7J**	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
MW-34 DUP	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-35	07/28/11	<0.35	<25	<25	<0.31	**25.8**	<0.39	**7.2 J**	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
TW-1	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
TW-2	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
TW-3	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
RW-1	12/22/14	<1.1	<19	<120	<1.0	<37	<1.1	<44	<20
RW-2	12/22/14	**1.2 J**	<19	<120	<1.0	**46.5 J**	<1.1	<44	<20

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
WSW-1	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
WSW-2	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
WSW-3	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
WSW-4	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
WSW-7	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
WSW-8	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
Field Blank	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
Trip Blank	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0

- Analyses for selected oxygenates by EPA Method 8260B; results reported in µg/l.
- <: Less than the report limit specified in the laboratory report.
- FP: Free product.
- NS: Not sampled.

APPENDICES

APPENDIX A

Laboratory Analytical Report – Ground Water Samples

Southeast
ACCUTEST
LABORATORIES

Reissue #1
10/21/15

Technical Report for

GRI (Geological Resources Inc.)

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

08825

Accutest Job Number: FA28147

Sampling Date: 09/30/15

Report to:

GRI

wsb@geologicalresourcesinc.com
carriekennedy@geologicalresourcesinc.com; jjr@geologicalresourcesinc.com; nml@geo
ATTN: Scott Ball

Total number of pages in report: **148**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001)
DoD ELAP (L-A-B L2229), CA (2937), TX (T104704404), PA (68-03573), VA (460177),
AK, AR, GA, KY, MA, NV, OK, UT, WA

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Test results relate only to samples analyzed.

ACCUTEST
LABORATORIES

October 21, 2015

Mr. Scott Ball
Geological Resources Inc
3502 Hayes Rd
Monroe, NC 28110

RE: Accutest job FA28147 Reissue

Dear Mr. Ball,

The final report for job number FA28147 has been edited to reflect requested corrections. These edits have been incorporated into the revised report.

The sample ID has been revised.

Accutest apologies for any inconvenience this may have caused. Please feel free to contact us if we can be of further assistance.

Sincerely,

Accutest Laboratories, SE

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Sample Summary

GRI (Geological Resources Inc.)

Job No: FA28147

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA28147-1	09/30/15	10:22	ARCB	10/02/15	AQ	Ground Water	08825 MW-1
FA28147-2	09/30/15	10:18	ARCB	10/02/15	AQ	Ground Water	08825 MW-2
FA28147-3	09/30/15	09:04	ARCB	10/02/15	AQ	Ground Water	08825 MW-3
FA28147-4	09/30/15	09:09	ARCB	10/02/15	AQ	Ground Water	08825 MW-4
FA28147-5	09/30/15	09:15	ARCB	10/02/15	AQ	Ground Water	08825 MW-5
FA28147-6	09/30/15	09:21	ARCB	10/02/15	AQ	Ground Water	08825 MW-6
FA28147-7	09/30/15	09:28	ARCB	10/02/15	AQ	Ground Water	08825 MW-7
FA28147-8	09/30/15	08:49	ARCB	10/02/15	AQ	Ground Water	08825 MW-8
FA28147-9	09/30/15	08:58	ARCB	10/02/15	AQ	Ground Water	08825 MW-9
FA28147-10	09/30/15	10:01	ARCB	10/02/15	AQ	Ground Water	08825 MW-10
FA28147-11	09/30/15	10:54	ARCB	10/02/15	AQ	Ground Water	08825 MW-11
FA28147-12	09/30/15	11:24	ARCB	10/02/15	AQ	Ground Water	08825 MW-12
FA28147-13	09/30/15	09:44	ARCB	10/02/15	AQ	Ground Water	08825 MW-13

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA28147

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA28147-14	09/30/15	09:32	ARCB	10/02/15	AQ	Ground Water	08825 MW-14
FA28147-15	09/30/15	10:34	ARCB	10/02/15	AQ	Ground Water	08825 MW-15
FA28147-16	09/30/15	11:51	ARCB	10/02/15	AQ	Ground Water	08825 MW-16
FA28147-17	09/30/15	12:06	ARCB	10/02/15	AQ	Ground Water	08825 MW-17
FA28147-18	09/30/15	11:19	ARCB	10/02/15	AQ	Ground Water	08825 MW-18
FA28147-19	09/30/15	10:11	ARCB	10/02/15	AQ	Ground Water	08825 MW-19
FA28147-20	09/30/15	12:19	ARCB	10/02/15	AQ	Ground Water	08825 MW-20
FA28147-21	09/30/15	13:48	ARCB	10/02/15	AQ	Ground Water	08825 MW-21
FA28147-22	09/30/15	10:31	ARCB	10/02/15	AQ	Ground Water	08825 MW-23
FA28147-23	09/30/15	11:35	ARCB	10/02/15	AQ	Ground Water	08825 MW-24
FA28147-24	09/30/15	09:54	ARCB	10/02/15	AQ	Ground Water	08825 MW-26
FA28147-25	09/30/15	09:43	ARCB	10/02/15	AQ	Ground Water	08825 MW-27
FA28147-26	09/30/15	09:36	ARCB	10/02/15	AQ	Ground Water	08825 MW-28

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA28147

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA28147-27	09/30/15	09:59	ARCB	10/02/15	AQ	Ground Water	08825 MW-29
FA28147-28	09/30/15	10:21	ARCB	10/02/15	AQ	Ground Water	08825 MW-30
FA28147-29	09/30/15	11:13	ARCB	10/02/15	AQ	Ground Water	08825 MW-31
FA28147-30	09/30/15	11:02	ARCB	10/02/15	AQ	Ground Water	08825 MW-32
FA28147-31	09/30/15	10:40	ARCB	10/02/15	AQ	Ground Water	08825 MW-33
FA28147-32	09/30/15	11:38	ARCB	10/02/15	AQ	Ground Water	08825 MW-34
FA28147-33	09/30/15	11:42	ARCB	10/02/15	AQ	Ground Water	08825 MW-35
FA28147-34	09/30/15	13:18	ARCB	10/02/15	AQ	Ground Water	08825 TW-1
FA28147-35	09/30/15	12:50	ARCB	10/02/15	AQ	Ground Water	08825 TW-2
FA28147-36	09/30/15	12:10	ARCB	10/02/15	AQ	Ground Water	08825 TW-3
FA28147-37	09/30/15	00:00	ARCB	10/02/15	AQ	Ground Water	08825 DUPA
FA28147-38	09/30/15	00:00	ARCB	10/02/15	AQ	Ground Water	08825 DUPB
FA28147-39	09/30/15	00:00	ARCB	10/02/15	AQ	Ground Water	08825 DUPC

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA28147

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA28147-40	09/30/15	12:32	ARCB	10/02/15	AQ	Field Blank Water	08825 FIELD BLANK
FA28147-41	09/30/15	00:00	ARCB	10/02/15	AQ	Trip Blank Water	08825 TRIP BLANK
FA28147-42	09/30/15	12:48	ARCB	10/02/15	AQ	Ground Water	08825 WSW-1
FA28147-43	09/30/15	12:57	ARCB	10/02/15	AQ	Ground Water	08825 WSW-2
FA28147-44	09/30/15	13:28	ARCB	10/02/15	AQ	Ground Water	08825 WSW-3
FA28147-45	09/30/15	13:10	ARCB	10/02/15	AQ	Ground Water	08825 WSW-6
FA28147-46	09/30/15	13:39	ARCB	10/02/15	AQ	Ground Water	08825 WSW-7
FA28147-47	09/30/15	11:48	ARCB	10/02/15	AQ	Ground Water	08825 WSW-8

Summary of Hits

Job Number: FA28147
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 09/30/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA28147-1	**08825 MW-1**					
Benzene		913	100	20	ug/l	SW846 8260B
Toluene		6360	100	40	ug/l	SW846 8260B
Ethylbenzene		1040	100	20	ug/l	SW846 8260B
Xylene (total)		10700	300	51	ug/l	SW846 8260B
Naphthalene		291 J	500	100	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.083	0.019	0.0096	ug/l	SW846 8011
FA28147-2	**08825 MW-2**					
No hits reported in this sample.						
FA28147-3	**08825 MW-3**					
No hits reported in this sample.						
FA28147-4	**08825 MW-4**					
Benzene		1.6	1.0	0.20	ug/l	SW846 8260B
Di-Isopropyl Ether		0.45 J	1.0	0.20	ug/l	SW846 8260B
FA28147-5	**08825 MW-5**					
No hits reported in this sample.						
FA28147-6	**08825 MW-6**					
No hits reported in this sample.						
FA28147-7	**08825 MW-7**					
No hits reported in this sample.						
FA28147-8	**08825 MW-8**					
No hits reported in this sample.						
FA28147-9	**08825 MW-9**					
No hits reported in this sample.						
FA28147-10	**08825 MW-10**					
No hits reported in this sample.						

2

Summary of Hits

Job Number: FA28147
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 09/30/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA28147-11	**08825 MW-11**					
Benzene		0.58 J	1.0	0.20	ug/l	SW846 8260B
Di-Isopropyl Ether		0.97 J	1.0	0.20	ug/l	SW846 8260B
Tert-Amyl Alcohol		16.5 J	20	8.1	ug/l	SW846 8260B
FA28147-12	**08825 MW-12**					
No hits reported in this sample.						
FA28147-13	**08825 MW-13**					
No hits reported in this sample.						
FA28147-14	**08825 MW-14**					
No hits reported in this sample.						
FA28147-15	**08825 MW-15**					
Benzene		29.0	1.0	0.20	ug/l	SW846 8260B
Toluene		1.5	1.0	0.40	ug/l	SW846 8260B
Ethylbenzene		42.8	1.0	0.20	ug/l	SW846 8260B
Xylene (total)		8.8	3.0	0.51	ug/l	SW846 8260B
Naphthalene		35.5	5.0	1.0	ug/l	SW846 8260B
1,2-Dichloroethane		2.7	1.0	0.20	ug/l	SW846 8260B
Di-Isopropyl Ether		6.5	1.0	0.20	ug/l	SW846 8260B
Tert-Amyl Alcohol		231	20	8.1	ug/l	SW846 8260B
FA28147-16	**08825 MW-16**					
No hits reported in this sample.						
FA28147-17	**08825 MW-17**					
No hits reported in this sample.						
FA28147-18	**08825 MW-18**					
No hits reported in this sample.						
FA28147-19	**08825 MW-19**					
No hits reported in this sample.						

2

Summary of Hits

Job Number: FA28147
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC
Collected: 09/30/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA28147-20	**08825 MW-20**					
Benzene		211	20	4.0	ug/l	SW846 8260B
Toluene		39.7	20	8.0	ug/l	SW846 8260B
Ethylbenzene		681	20	4.0	ug/l	SW846 8260B
Xylene (total)		3420	60	10	ug/l	SW846 8260B
Naphthalene		99.7 J	100	20	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.073	0.019	0.0096	ug/l	SW846 8011
FA28147-21	**08825 MW-21**					
No hits reported in this sample.						
FA28147-22	**08825 MW-23**					
Benzene		83.7	2.0	0.40	ug/l	SW846 8260B
Ethylbenzene		0.70 J	2.0	0.40	ug/l	SW846 8260B
Xylene (total)		1.2 J	6.0	1.0	ug/l	SW846 8260B
Di-Isopropyl Ether		11.2	2.0	0.40	ug/l	SW846 8260B
Tert-Amyl Alcohol		183	40	16	ug/l	SW846 8260B
FA28147-23	**08825 MW-24**					
Benzene		4230	100	20	ug/l	SW846 8260B
Toluene		12800	200	80	ug/l	SW846 8260B
Ethylbenzene		870	100	20	ug/l	SW846 8260B
Xylene (total)		11800	300	51	ug/l	SW846 8260B
Naphthalene		1290	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		104	100	20	ug/l	SW846 8260B
Di-Isopropyl Ether		247	100	20	ug/l	SW846 8260B
Tert-Amyl Alcohol		11600	2000	810	ug/l	SW846 8260B
1,2-Dibromoethane [a]		16.0	0.95	0.48	ug/l	SW846 8011
FA28147-24	**08825 MW-26**					
No hits reported in this sample.						
FA28147-25	**08825 MW-27**					
Benzene		99.2	2.0	0.40	ug/l	SW846 8260B
Toluene		9.0	1.0	0.40	ug/l	SW846 8260B
Ethylbenzene		56.3	1.0	0.20	ug/l	SW846 8260B
Xylene (total)		52.2	3.0	0.51	ug/l	SW846 8260B
Naphthalene		5.6	5.0	1.0	ug/l	SW846 8260B

Summary of Hits

Job Number: FA28147
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC
Collected: 09/30/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,2-Dichloroethane		1.4	1.0	0.20	ug/l	SW846 8260B
Di-Isopropyl Ether		18.7	1.0	0.20	ug/l	SW846 8260B
Tert-Amyl Alcohol		338	20	8.1	ug/l	SW846 8260B
FA28147-26	**08825 MW-28**					
Benzene		7.2	1.0	0.20	ug/l	SW846 8260B
Di-Isopropyl Ether		1.8	1.0	0.20	ug/l	SW846 8260B
Tert-Amyl Alcohol		109	20	8.1	ug/l	SW846 8260B
FA28147-27	**08825 MW-29**					
No hits reported in this sample.						
FA28147-28	**08825 MW-30**					
No hits reported in this sample.						
FA28147-29	**08825 MW-31**					
No hits reported in this sample.						
FA28147-30	**08825 MW-32**					
No hits reported in this sample.						
FA28147-31	**08825 MW-33**					
No hits reported in this sample.						
FA28147-32	**08825 MW-34**					
No hits reported in this sample.						
FA28147-33	**08825 MW-35**					
No hits reported in this sample.						
FA28147-34	**08825 TW-1**					
Toluene		0.42 J	1.0	0.40	ug/l	SW846 8260B
Xylene (total)		0.94 J	3.0	0.51	ug/l	SW846 8260B

Summary of Hits

Job Number: FA28147
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 09/30/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA28147-35	**08825 TW-2**					
No hits reported in this sample.						
FA28147-36	**08825 TW-3**					
No hits reported in this sample.						
FA28147-37	**08825 DUPA**					
Benzene		18.2	1.0	0.20	ug/l	SW846 8260B
Toluene		2.4	1.0	0.40	ug/l	SW846 8260B
Ethylbenzene		30.9	1.0	0.20	ug/l	SW846 8260B
Xylene (total)		19.7	3.0	0.51	ug/l	SW846 8260B
Naphthalene		23.8	5.0	1.0	ug/l	SW846 8260B
1,2-Dichloroethane		2.1	1.0	0.20	ug/l	SW846 8260B
Di-Isopropyl Ether		5.4	1.0	0.20	ug/l	SW846 8260B
Tert-Amyl Alcohol		174	20	8.1	ug/l	SW846 8260B
FA28147-38	**08825 DUPB**					
Benzene		7.2	1.0	0.20	ug/l	SW846 8260B
Toluene		1.1	1.0	0.40	ug/l	SW846 8260B
Ethylbenzene		23.5	1.0	0.20	ug/l	SW846 8260B
Xylene (total)		107	3.0	0.51	ug/l	SW846 8260B
Naphthalene		2.6 J	5.0	1.0	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.060	0.019	0.0095	ug/l	SW846 8011
FA28147-39	**08825 DUPC**					
No hits reported in this sample.						
FA28147-40	**08825 FIELD BLANK**					
No hits reported in this sample.						
FA28147-41	**08825 TRIP BLANK**					
No hits reported in this sample.						
FA28147-42	**08825 WSW-1**					
No hits reported in this sample.						

2

Summary of Hits

Job Number: FA28147
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 09/30/15

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA28147-43	**08825 WSW-2**					
No hits reported in this sample.						
FA28147-44	**08825 WSW-3**					
No hits reported in this sample.						
FA28147-45	**08825 WSW-6**					
No hits reported in this sample.						
FA28147-46	**08825 WSW-7**					
No hits reported in this sample.						
FA28147-47	**08825 WSW-8**					
No hits reported in this sample.						

(a) All hits confirmed by dual column analysis.

Southeast
ACCUTEST
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Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-1		
Lab Sample ID:	FA28147-1	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0971451.D	100	10/07/15	DP	n/a	n/a	VJ5098
Run #2	B108669.D	100	10/07/15	WV	n/a	n/a	VB4389

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	913	100	20	ug/l	
108-88-3	Toluene	6360	100	40	ug/l	
100-41-4	Ethylbenzene	1040	100	20	ug/l	
1330-20-7	Xylene (total)	10700	300	51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	30	ug/l	
91-20-3	Naphthalene	291	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	ND	100	20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	100	20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	3500	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	2000	810	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	2000	540	ug/l	
762-75-4	Tert-Butyl Formate	ND [a]	2000	400	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	113%	105%	79-125%
2037-26-5	Toluene-D8	107%	102%	85-112%
460-00-4	4-Bromofluorobenzene	106%	97%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-1		
Lab Sample ID:	FA28147-1	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD84561.D	1	10/06/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.083	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-2		
Lab Sample ID:	FA28147-2	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32218.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-2		
Lab Sample ID:	FA28147-2	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84563.D	1	10/06/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	35.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0099	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-3		
Lab Sample ID:	FA28147-3	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32219.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	105%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-3		
Lab Sample ID:	FA28147-3	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84567.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	36.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-4		
Lab Sample ID:	FA28147-4	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0971432.D	1	10/07/15	DP	n/a	n/a	VJ5098
Run #2	B108677.D	1	10/07/15	WV	n/a	n/a	VB4389

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.6	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	0.45	1.0	0.20	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND [a]	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	113%	99%	79-125%
2037-26-5	Toluene-D8	110%	95%	85-112%
460-00-4	4-Bromofluorobenzene	111%	105%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-4		
Lab Sample ID:	FA28147-4	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84568.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	35.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	74%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-5		
Lab Sample ID:	FA28147-5	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32261.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-5		
Lab Sample ID:	FA28147-5	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84569.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	35.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-6		
Lab Sample ID:	FA28147-6	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32262.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-6		
Lab Sample ID:	FA28147-6	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84570.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	36.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-7		
Lab Sample ID:	FA28147-7	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32263.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-7		
Lab Sample ID:	FA28147-7	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84571.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	35.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-8		
Lab Sample ID:	FA28147-8	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32264.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-8		
Lab Sample ID:	FA28147-8	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84572.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	35.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-9		
Lab Sample ID:	FA28147-9	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32256.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-9		
Lab Sample ID:	FA28147-9	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84573.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	35.6 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-10		
Lab Sample ID:	FA28147-10	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32265.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-10		
Lab Sample ID:	FA28147-10	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84574.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	35.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-11		
Lab Sample ID:	FA28147-11	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32274.D	1	10/12/15	DP	n/a	n/a	VO1228
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.58	1.0	0.20	ug/l	J
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	0.97	1.0	0.20	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	16.5	20	8.1	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	90%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-11		
Lab Sample ID:	FA28147-11	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84575.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	122%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-12		
Lab Sample ID:	FA28147-12	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd. Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32275.D	1	10/12/15	DP	n/a	n/a	VO1228
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	89%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-12		
Lab Sample ID:	FA28147-12	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84576.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	118%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-13		
Lab Sample ID:	FA28147-13	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32276.D	1	10/12/15	DP	n/a	n/a	VO1228
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	90%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-13		
Lab Sample ID:	FA28147-13	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84579.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	113%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-14		
Lab Sample ID:	FA28147-14	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32277.D	1	10/12/15	DP	n/a	n/a	VO1228
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-14		
Lab Sample ID:	FA28147-14	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84580.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	35.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0099	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	119%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-15		
Lab Sample ID:	FA28147-15	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32278.D	1	10/12/15	DP	n/a	n/a	VO1228
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	29.0	1.0	0.20	ug/l	
108-88-3	Toluene	1.5	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	42.8	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	8.8	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	35.5	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	2.7	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	6.5	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	231	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		83-118%
17060-07-0	1,2-Dichloroethane-D4	90%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-15		
Lab Sample ID:	FA28147-15	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84581.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	37.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	118%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-16		
Lab Sample ID:	FA28147-16	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32279.D	1	10/12/15	DP	n/a	n/a	VO1228
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-16		
Lab Sample ID:	FA28147-16	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84582.D	1	10/07/15	NG	10/06/15	OP57822	GDD2487
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	105%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-17		
Lab Sample ID:	FA28147-17	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32280.D	1	10/12/15	DP	n/a	n/a	VO1228
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-17		
Lab Sample ID:	FA28147-17	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84591.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-18		
Lab Sample ID:	FA28147-18	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32281.D	1	10/12/15	DP	n/a	n/a	VO1228
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	107%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-18		
Lab Sample ID:	FA28147-18	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84593.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	109%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-19		
Lab Sample ID:	FA28147-19	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32220.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-19		
Lab Sample ID:	FA28147-19	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84595.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-20		
Lab Sample ID:	FA28147-20	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32221.D	20	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	211	20	4.0	ug/l	
108-88-3	Toluene	39.7	20	8.0	ug/l	
100-41-4	Ethylbenzene	681	20	4.0	ug/l	
1330-20-7	Xylene (total)	3420	60	10	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	6.0	ug/l	
91-20-3	Naphthalene	99.7	100	20	ug/l	J
107-06-2	1,2-Dichloroethane	ND	20	4.0	ug/l	
108-20-3	Di-Isopropyl Ether	ND	20	4.0	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	1000	200	ug/l	
64-17-5	Ethyl Alcohol	ND	2000	700	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	40	4.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	400	160	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	40	4.4	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	400	110	ug/l	
762-75-4	Tert-Butyl Formate	ND	400	80	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-20		
Lab Sample ID:	FA28147-20	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD84596.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.073	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-21		
Lab Sample ID:	FA28147-21	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32222.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-21		
Lab Sample ID:	FA28147-21	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84597.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-23		
Lab Sample ID:	FA28147-22	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32223.D	2	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	83.7	2.0	0.40	ug/l	
108-88-3	Toluene	ND	2.0	0.80	ug/l	
100-41-4	Ethylbenzene	0.70	2.0	0.40	ug/l	J
1330-20-7	Xylene (total)	1.2	6.0	1.0	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.60	ug/l	
91-20-3	Naphthalene	ND	10	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.40	ug/l	
108-20-3	Di-Isopropyl Ether	11.2	2.0	0.40	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	100	20	ug/l	
64-17-5	Ethyl Alcohol	ND	200	70	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	4.0	0.40	ug/l	
75-85-4	Tert-Amyl Alcohol	183	40	16	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	4.0	0.44	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	40	11	ug/l	
762-75-4	Tert-Butyl Formate	ND	40	8.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	107%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-23		
Lab Sample ID:	FA28147-22	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84612.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-24		
Lab Sample ID:	FA28147-23	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32224.D	100	10/08/15	DP	n/a	n/a	VO1226
Run #2	O32258.D	200	10/09/15	DP	n/a	n/a	VO1227

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4230	100	20	ug/l	
108-88-3	Toluene	12800 [a]	200	80	ug/l	
100-41-4	Ethylbenzene	870	100	20	ug/l	
1330-20-7	Xylene (total)	11800	300	51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	30	ug/l	
91-20-3	Naphthalene	1290	500	100	ug/l	
107-06-2	1,2-Dichloroethane	104	100	20	ug/l	
108-20-3	Di-Isopropyl Ether	247	100	20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	3500	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	20	ug/l	
75-85-4	Tert-Amyl Alcohol	11600	2000	810	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	22	ug/l	
75-65-0	Tert-Butyl Alcohol [b]	ND	2000	540	ug/l	
762-75-4	Tert-Butyl Formate	ND	2000	400	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	91%	79-125%
2037-26-5	Toluene-D8	106%	107%	85-112%
460-00-4	4-Bromofluorobenzene	104%	100%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-24		
Lab Sample ID:	FA28147-23	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD84645.D	50	10/08/15	NG	10/07/15	OP57841	GDD2489
Run #2							

	Initial Volume	Final Volume
Run #1	36.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	16.0	0.95	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	0% [b]		63-137%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits due to dilution.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-26		
Lab Sample ID:	FA28147-24	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32225.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-26		
Lab Sample ID:	FA28147-24	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84614.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	35.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.0098	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-27		
Lab Sample ID:	FA28147-25	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32226.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2	O32259.D	2	10/09/15	DP	n/a	n/a	VO1227

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	99.2 [a]	2.0	0.40	ug/l	
108-88-3	Toluene	9.0	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	56.3	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	52.2	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	5.6	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	1.4	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	18.7	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	338	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [b]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	92%	79-125%
2037-26-5	Toluene-D8	106%	104%	85-112%
460-00-4	4-Bromofluorobenzene	109%	102%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-27		
Lab Sample ID:	FA28147-25	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84615.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-28		
Lab Sample ID:	FA28147-26	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32260.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	7.2	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	1.8	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	109	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-28		
Lab Sample ID:	FA28147-26	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84616.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-29		
Lab Sample ID:	FA28147-27	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32228.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-29		
Lab Sample ID:	FA28147-27	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84619.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	113%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	08825 MW-30		
Lab Sample ID:	FA28147-28	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32229.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	111%		85-112%
460-00-4	4-Bromofluorobenzene	105%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-30		
Lab Sample ID:	FA28147-28	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84620.D	1	10/08/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	116%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 MW-31		
Lab Sample ID:	FA28147-29	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32230.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-31		
Lab Sample ID:	FA28147-29	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84621.D	1	10/08/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	119%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	08825 MW-32		
Lab Sample ID:	FA28147-30	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32231.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-32		
Lab Sample ID:	FA28147-30	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84622.D	1	10/08/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	08825 MW-33		
Lab Sample ID:	FA28147-31	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32232.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	105%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	08825 MW-33		
Lab Sample ID:	FA28147-31	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84623.D	1	10/08/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.6 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-34		
Lab Sample ID:	FA28147-32	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32233.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	08825 MW-34		
Lab Sample ID:	FA28147-32	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84607.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-35		
Lab Sample ID:	FA28147-33	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32234.D	1	10/08/15	DP	n/a	n/a	VOI226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	08825 MW-35		
Lab Sample ID:	FA28147-33	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84608.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 TW-1		
Lab Sample ID:	FA28147-34	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32235.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	0.42	1.0	0.40	ug/l	J
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	0.94	3.0	0.51	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 TW-1		
Lab Sample ID:	FA28147-34	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84609.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	109%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 TW-2		
Lab Sample ID:	FA28147-35	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32236.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	08825 TW-2		
Lab Sample ID:	FA28147-35	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84610.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TW-3		
Lab Sample ID:	FA28147-36	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	O32257.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [b]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	107%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.
(b) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 TW-3		
Lab Sample ID:	FA28147-36	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84611.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	35.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUPA		
Lab Sample ID:	FA28147-37	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32237.D	1	10/08/15	DP	n/a	n/a	VO1226
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	18.2	1.0	0.20	ug/l	
108-88-3	Toluene	2.4	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	30.9	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	19.7	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	23.8	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	2.1	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	5.4	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	174	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUPA		
Lab Sample ID:	FA28147-37	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84626.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 DUPB		
Lab Sample ID:	FA28147-38	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32248.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	7.2	1.0	0.20	ug/l	
108-88-3	Toluene	1.1	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	23.5	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	107	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	2.6	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUPB		
Lab Sample ID:	FA28147-38	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD84630.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.060	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 DUPC		
Lab Sample ID:	FA28147-39	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32249.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	105%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 DUPC		
Lab Sample ID:	FA28147-39	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84632.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 FIELD BLANK		
Lab Sample ID:	FA28147-40	**Date Sampled:**	09/30/15
Matrix:	AQ - Field Blank Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32246.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	90%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 FIELD BLANK		
Lab Sample ID:	FA28147-40	**Date Sampled:**	09/30/15
Matrix:	AQ - Field Blank Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84633.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 TRIP BLANK		
Lab Sample ID:	FA28147-41	**Date Sampled:**	09/30/15
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32247.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	107%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Associated BS recovery outside control limits

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-1		
Lab Sample ID:	FA28147-42	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	O32250.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [b]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.
(b) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-1		
Lab Sample ID:	FA28147-42	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84634.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.6 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-2		
Lab Sample ID:	FA28147-43	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32251.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
I = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-2		
Lab Sample ID:	FA28147-43	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84635.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-3		
Lab Sample ID:	FA28147-44	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32252.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 WSW-3		
Lab Sample ID:	FA28147-44	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84636.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-6		
Lab Sample ID:	FA28147-45	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32253.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	08825 WSW-6		
Lab Sample ID:	FA28147-45	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84637.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 WSW-7		
Lab Sample ID:	FA28147-46	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32254.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	91%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 WSW-7		
Lab Sample ID:	FA28147-46	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84638.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 WSW-8		
Lab Sample ID:	FA28147-47	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O32255.D	1	10/09/15	DP	n/a	n/a	VO1227
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated BS recovery outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 WSW-8		
Lab Sample ID:	FA28147-47	**Date Sampled:**	09/30/15
Matrix:	AQ - Ground Water	**Date Received:**	10/02/15
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD84639.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
Run #2							

	Initial Volume	Final Volume
Run #1	36.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0097	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
3,3-Dimethyl-1-Butanol	624-95-3	SW846 8260B	AQ	Certified by SOP MS005
Di-Isopropyl Ether	108-20-3	SW846 8260B	AQ	Certified by SOP MS005
Tert-Amyl Alcohol	75-85-4	SW846 8260B	AQ	Certified by SOP MS005
Tert-Butyl Formate	762-75-4	SW846 8260B	AQ	Certified by SOP MS005

Accutest Laboratories Southeast
Chain of Custody

ACCUTEST LABORATORIES

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www.accutest.com

Accutest JOB # FA28147 PAGE 1 OF 5

Accutest Quote # | SKIFF#

Client / Reporting Information | **Project Information** | **Analytical Information** | **Matrix Codes**

Company Name: G.R.T.
Address: 2502 Hayes Rd
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball E-mail: wsb2@gg109
Phone: 704-845-4010
Sampler(s) Name(s) (Printed): Angela R./Corey B.

Project Name: Lenoir Store
Street: 3240 Horatio Hagood Rd
City: Horatio State: SC
Project #: PERMIT #08825
Fax #: 704-845-4012
Client Purchase Order #:

Analytical Information: 1,2 DCA & Naphthalene by 8260B; BTEX by 8260B

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	Total # of Bottles	1,2 DCA & Naphthalene by 8260B	BTEX by 8260B	8260B full list	LAB USE ONLY
1	08825 MW-1	9/30	1022	ADE	GW	5	X	X	X	
2	08825 MW-2	9/30	1018	ADE	GW	5	X	X	X	
3	08825 MW-3	9/30	904	ADE	GW	5	X	X	X	
4 *	08825 MW-4	9/30	909	ADE	GW	3	X	X	X	
5	08825 MW-5	9/30	915	ADE	GW	5	X	X	X	
6	08825 MW-6	9/30	921	ADE	GW	5	X	X	X	
7	08825 MW-7	9/30	928	ADE	GW	5	X	X	X	
8	08825 MW-8	9/30	949	ADE	GW	5	X	X	X	
9	08825 MW-9	9/30	956	ADE	GW	5	X	X	X	
10	08825 MW-10	9/30	1001	ADE	GW	5	X	X	X	
11	08825 MW-11	9/30	1041	ADE	GW	5	X	X	X	
12	08825 MW-12	9/30	1124	ADE	GW	5	X	X	X	

TURNAROUND TIME (Business Days) — Approved By: / Rush Code

- [X] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [X] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [X] EDD's

ACCUTEST
2626-C QUEEN CT DR
CLI NC 28203

Comments / Remarks

SCDHEC UST Mgt Program
* MW-4 limited volume, only three voas filled
MW-1 + MW-20 HOT

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1	10/1 8:15	2	3	10/1 16:00	4 FED EX
Relinquished by: 5 FED EX 10-02-07	Date Time: 09:30	Received By: 6	Relinquished by: 7	Date Time:	Received By: 8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 3.4/2.8

4.2 4

FA28147: Chain of Custody
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Accutest Laboratories Southeast
Chain of Custody

ACCUTEST LABORATORIES

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707
www.accutest.com

FA28147

Accutest JOB # PAGE 2 OF 5

Accutest Quote # SKIFF#

Client / Reporting Information | **Project Information** | **Analytical Information** | **Matrix Codes**

Company Name: G.R.I.
Address: 3502 Halpes Rd
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball E-mail: wsb2@q.com
Phone: 704-845-4010
Sampler(s) Name(s) (Printed): Angela R. / Cindy B.

Project Name: Lenoir Store
Street: 3240 Horatio Hagood Rd
City: Horatio State: SC
Project #: Permit # 08825
Fax #: 704-845-4012
Client Purchase Order #

Analytical Information: B12X (MTBE, Naph, 1,2DCA, Ethanol) 8260B by SIM; 8260B by 8011

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OL - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled By	Matrix	# of bottles	HCl	MeOH	NaOH	Other	B12X	8260B by SIM	8260B by 8011	LAB USE ONLY
13	08825 MW-13	9/30	944	CMB	GW	5					X	X	X	
14	08825 MW-14	9/30	930	CMB	GW	5					X	X	X	
15	08825 MW-15	9/30	1034	CMB	GW	5					X	X	X	
16	08825 MW-16	9/30	1151	CMB	GW	5					X	X	X	
17	08825 MW-17	9/30	1206	CMB	GW	5					X	X	X	
18	08825 MW-18	9/30	1119	CMB	GW	5					X	X	X	
19	08825 MW-19	9/30	1011	CMB	GW	5					X	X	X	
20	08825 MW-20	9/30	1219	CMB	GW	5					X	X	X	
21	08825 MW-21	9/30	1348	CMB	GW	5					X	X	X	
—	[illegible]										X	X	X	
22	08825 MW-23	9/30	1631	CMB	GW	5					X	X	X	
23	08825 MW-24	9/30	1135	CMB	GW	5					X	X	X	

TURNAROUND TIME (Business Days) — Approved By: / Rush Code

- [X] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Laplink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [X] COMMERCIAL "B" (RESULTS + QC)
- [ ] REDT1 (EPA LEVEL 2)
- [ ] FULT1 (EPA LEVEL 4)
- [X] EDD'S

ACCUTEST
2226-C QUEEN CITY DR
GLT NC 28203

Comments / Remarks

SCDHEC UST Mgt Program

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1	10/1/15 815	2	3	10/1 1615	4 FED EX
Relinquished by: 5 FED EX	Date Time: 10-02-15 09:30	Received By: 6	Relinquished by: 7	Date Time:	Received By: 8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius 3.4/3.8

4.2.4

Accutest Laboratories Southeast
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Accutest JOB # | PAGE 3 OF 5

Accutest Quote # | SKIFF#

Client / Reporting Information | Project Information | Analytical Information | Matrix Codes

Company Name: G.R.I.
Address: SAME
City: | State: | Zip:
Project Contact: Scott Bell | E-mail: sbell@grico.com
Phone: 704-845-4010
Sampler(s) Name(s) (Printed): Mahler/Conroy B

Project Name: Lenoir Store
Street: 3240 Horatio Harwood Rd
City: Horatio | State: SC
Project #: Permit # 08825
Fax #:
Client Purchase Order #:

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	BTEX, MTBE, ABP, 1,2 DCA, ethanol	8 OXYGENATES by 8260D	EDD by 8011
-	[redacted]	9/30					X	X	X
24	08825 MW-26	9/30	954	ADR	GW	5	X	X	X
25	08825 MW-27	9/30	943	ADR	GW	5	X	X	X
26	08825 MW-28	9/30	936	ADR	GW	5	X	X	X
27	08825 MW-29	9/30	959	CNB	GW	5	X	X	X
28	08825 MW-30	9/30	1021	CNB	GW	5	X	X	X
29	08825 MW-31	9/30	1113	ADR	GW	5	X	X	X
30	08825 MW-32	9/30	1102	ADR	GW	5	X	X	X
31	08825 MW-33	9/30	1040	ADR	GW	5	X	X	X
32	08825 MW-34	9/30	1138	CNB	GW	5	X	X	X
33	08825 MW-35	9/30	1142	ADR	GW	5	X	X	X
34	08825 TW-1	9/30	1238	CNB	GW	5	X	X	X

LAB USE ONLY

TURNAROUND TIME (Business Days) | Approved By: / Rush Code

- [X] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [X] COMMERCIAL "B" (RESULTS + QC SUMMARIES)
- [ ] RED'T (EPA LEVEL 3)
- [ ] FULL (EPA LEVEL 4)
- [X] EDDS:

ACCUTEST
2225-C QUEEN CITY DR
CLT NC 28203

Comments / Remarks: SCDHEC UST Mgt Program

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1 Mahler/Conroy	10/1/15 8:15	2	3	10/1 16:40	4 FED EX
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
5 FED EX	10-02-15 09:30	6	7		8

Lab Use Only: Custody Seal in Place: Y N | Temp Blank Provided: Y N | Preserved where Applicable: Y N | Total # of Coolers: | Cooler Temperature (s) Celsius: 3.2/3.6

4.2 4

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Accutest JOB # PAGE 4 OF 5

Accutest Quote # SKIFF #

Client / Reporting Information | Project Information | Analysis Information | Matrix Codes

Company Name: G.R.I.
Address: SAMC
City: State: Zip:
Project Contact: Scott Ball E-mail: wsb@grainfo
Phone: 704-845-4010
Sampler(s) Name(s) (Printed): Angela R / Corey B

Project Name: Lenoir Store
Street: 3740 Horatio Hagood Rd
City: Horatio State: SC
Project #: Permit # 08825
Fax #:
Client Purchase Order #:

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled By	Matrix	Total # of Bottles	8260 BTEX, MTBE, Naph, 1,2 DCA, Ethanol	8 oxygenates by 8260	EDB by 8011	LAB USE ONLY
35	08825 TW-2	9/30	1250	CNB	GW	5	X	X	X	
34	08825 TW-3	9/30	1210	CNB	GW	5	X	X	X	
37	08825 DUP A	9/30	—	CNB	GW	5	X	X	X	
38	08825 DUP B	9/30	—	CNB	GW	5	X	X	X	
39	08825 DUP C	9/30	—	CNB	GW	5	X	X	X	
40	08825 Field Blank	9/30	1232	CNB	—	5	X	X	X	
41	08825 Trip Blank	9/30	—	—	—	2	X	X		
42	08825 WSW-1	9/30	1248	CNB	GW	5	X	X	X	
43	08825 WSW-2	9/30	1257	CNB	GW	5	X	X	X	
44	08825 WSW-3	9/30	1325	CNB	GW	5	X	X	X	
-	[redacted]						X	X	X	
45	08825 WSW-6	9/30	1310	CNB	GW	5	X	X	X	

Turnaround Time (Business Days) | Approved By / Rush Code

- [X] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [X] COMMERCIAL "B" (RESULTS + QC)
- [ ] REDT1 (EPA LEVEL 2)
- [ ] FULT1 (EPA LEVEL 4)
- [X] EDD's

AUGUST 31
2220-C QUEEN CT / DR
GLT NC 28203

Comments / Remarks: SCDHEC UST Mgt Program

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
1	10/1/15 8:50	2	3	10/1/15 16:40	4 FED EX
Relinquished by:	Date Time:	Received By:	Relinquished by:	Date Time:	Received By:
5 FED EX	10-02-15 09:30	6	7		8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 3.4/5.8

4.2.4

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FA28147

Accutest JOB # | PAGE 5 OF 5

Accutest Quote # | SKIFF#

Client / Reporting Information

Company Name: G.R.I.
Address: SAME
City: | State: | Zip:
Project Contact: Scott Ball E-mail: wsb2@cox.net
Phone: 704-845-4010
Sampler(s) Name(s) (Printed): Ampler R/Carey B

Project Information

Project Name: Lennox Store
Street: 3240 Horatio Hagood Rd
City: Horatio State: SC
Project #: UST Permit # 08825
PO #:
Client Purchase Order #:

Analytical Information

BTEX/MTBE/Naph 1,2DCA,Ethanol
Boxyfragles by 8260B
EDB by 8011

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe

Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	Total # of Bottles	Preservation	BTEX/MTBE/Naph 1,2DCA,Ethanol	Boxyfragles by 8260B	EDB by 8011
46	08825 USW-7	9/30	1339	MB	GW	5		X	X	X
47	08825 USW-8	9/30	1348	MB	GW	5		X	X	X

LAB USE ONLY

TURNAROUND TIME (Business Days)

Approved By: / Rush Code

- [X] 10 Days Standard
- [ ] 7 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] OTHER

Emergency or Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [X] COMMERCIAL "B" (RESULTS + QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULT1 (EPA LEVEL 4)
- [X] EDD'S

ACCUTEST
2828-C QUEEN CITY DR
CLT NC 28203

Comments / Remarks

SCDHEC UST Mgt Program

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time: 10/1/15 815	Received By: 2	Relinquished by: 3	Date Time: 10/1 16:24	Received By: 4 FED EX
Relinquished by: 5 FED EX 10-02-15 09:30	Date Time:	Received By: 6	Relinquished by: 7	Date Time:	Received By: 8

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 3.4/3.8

4.2 4

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: FA28147 CLIENT: GRI PROJECT: LENOIR STORE

DATE/TIME RECEIVED: 10-02-15 09:30 (MM/DD/YY 24:00) NUMBER OF COOLERS RECEIVED: 2

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER DELIVERY OTHER:

AIRBILL NUMBERS: 8053 9196 3900, 3911

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [X] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [X] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [X] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM _____ 5-GRAM _____

NUMBER OF 5035 FIELD KITS ? _____

NUMBER OF LAB FILTERED METALS ? _____

TEMPERATURE INFORMATION

- [ ] IR THERM ID 1 CORR. FACTOR -0.4
- [ ] OBSERVED TEMPS: 3.8/4.2
- [ ] CORRECTED TEMPS: 3.4/3.8

SAMPLE INFORMATION

- [X] INCORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- [ ] ID'S ON COC DO NOT MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] 5035 FIELD KITS NOT RECEIVED WITHIN 48 HOURS
- [ ] BULK VOA SOIL JARS NOT RECEIVED WITHIN 48 HOURS
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] RESIDUAL CHLORINE PRESENT LOT#_____

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

pH PAPER LOT# WIDHC131225 NARROW RANGE AO36133 OTHER (specify) 405-230010

SUMMARY OF COMMENTS: SAMPLE #4 - AS NOTED ON COC, ONLY RECEIVED 1 VIAL FOR EDB AND 2 VIALS FOR 8260.

TECHNICIAN SIGNATURE/DATE Michael Rhue 10-05-15 REVIEWER SIGNATURE/DATE _____

NF 10/14 YELLOWSHEET110514 Xls

4.2

4

4.2

4

FA28147: Chain of Custody
Page 7 of 7

Southeast
ACCUTEST
LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5098-MB	J0971431.D	1	10/07/15	DP	n/a	n/a	VJ5098

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-1, FA28147-4

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	112%	79-125%
2037-26-5	Toluene-D8	109%	85-112%
460-00-4	4-Bromofluorobenzene	115%	83-118%

Method Blank Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB4389-MB	B108665.D	1	10/07/15	WV	n/a	n/a	VB4389

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-1, FA28147-4

CAS No.	Compound	Result	RL	MDL	Units	Q
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	93%	83-118%

Method Blank Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO1226-MB	O32217.D	1	10/08/15	DP	n/a	n/a	VO1226

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-2, FA28147-3, FA28147-19, FA28147-20, FA28147-21, FA28147-22, FA28147-23, FA28147-24, FA28147-25, FA28147-27, FA28147-28, FA28147-29, FA28147-30, FA28147-31, FA28147-32, FA28147-33, FA28147-34, FA28147-35, FA28147-37

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	79-125%
2037-26-5	Toluene-D8	109%	85-112%
460-00-4	4-Bromofluorobenzene	109%	83-118%

Method Blank Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO1227-MB	O32245.D	1	10/09/15	DP	n/a	n/a	VO1227

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-5, FA28147-6, FA28147-7, FA28147-8, FA28147-9, FA28147-10, FA28147-23, FA28147-25, FA28147-26, FA28147-36, FA28147-38, FA28147-39, FA28147-40, FA28147-41, FA28147-42, FA28147-43, FA28147-44, FA28147-45, FA28147-46, FA28147-47

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	79-125%
2037-26-5	Toluene-D8	108%	85-112%
460-00-4	4-Bromofluorobenzene	110%	83-118%

Method Blank Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO1228-MB	O32273.D	1	10/12/15	DP	n/a	n/a	VO1228

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-11, FA28147-12, FA28147-13, FA28147-14, FA28147-15, FA28147-16, FA28147-17, FA28147-18

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.20	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.20	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	100	35	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.20	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.20	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.30	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	8.1	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.22	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.4	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	4.0	ug/l	
108-88-3	Toluene	ND	1.0	0.40	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.51	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	90%	79-125%
2037-26-5	Toluene-D8	109%	85-112%
460-00-4	4-Bromofluorobenzene	106%	83-118%

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5098-BS	J0971430.D	1	10/07/15	DP	n/a	n/a	VJ5098

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-1, FA28147-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.0	104	81-122
107-06-2	1,2-Dichloroethane	25	26.6	106	75-125
108-20-3	Di-Isopropyl Ether	25	26.5	106	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1480	118	55-126
64-17-5	Ethyl Alcohol	500	567	113	46-145
100-41-4	Ethylbenzene	25	25.9	104	81-121
637-92-3	Ethyl Tert Butyl Ether	25	24.0	96	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.0	88	72-117
91-20-3	Naphthalene	25	20.2	81	63-132
75-85-4	Tert-Amyl Alcohol	250	245	98	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.8	91	73-122
75-65-0	Tert-Butyl Alcohol	250	238	95	63-129
108-88-3	Toluene	25	25.1	100	80-120
1330-20-7	Xylene (total)	75	74.0	99	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	111%	79-125%
2037-26-5	Toluene-D8	103%	85-112%
460-00-4	4-Bromofluorobenzene	104%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VB4389-BS	B108664.D	1	10/07/15	WV	n/a	n/a	VB4389

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-1, FA28147-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
762-75-4	Tert-Butyl Formate	250	461	184*	46-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	94%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO1226-BS	O32216.D	1	10/08/15	DP	n/a	n/a	VO1226

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-2, FA28147-3, FA28147-19, FA28147-20, FA28147-21, FA28147-22, FA28147-23, FA28147-24, FA28147-25, FA28147-27, FA28147-28, FA28147-29, FA28147-30, FA28147-31, FA28147-32, FA28147-33, FA28147-34, FA28147-35, FA28147-37

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.0	100	81-122
107-06-2	1,2-Dichloroethane	25	22.3	89	75-125
108-20-3	Di-Isopropyl Ether	25	23.6	94	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1190	95	55-126
64-17-5	Ethyl Alcohol	500	530	106	46-145
100-41-4	Ethylbenzene	25	25.5	102	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.4	94	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.8	99	72-117
91-20-3	Naphthalene	25	26.5	106	63-132
75-85-4	Tert-Amyl Alcohol	250	251	100	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.1	96	73-122
75-65-0	Tert-Butyl Alcohol	250	224	90	63-129
762-75-4	Tert-Butyl Formate	250	427	171*	46-130
108-88-3	Toluene	25	25.7	103	80-120
1330-20-7	Xylene (total)	75	77.1	103	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO1227-BS	O32244.D	1	10/09/15	DP	n/a	n/a	VO1227

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-5, FA28147-6, FA28147-7, FA28147-8, FA28147-9, FA28147-10, FA28147-23, FA28147-25, FA28147-26, FA28147-36, FA28147-38, FA28147-39, FA28147-40, FA28147-41, FA28147-42, FA28147-43, FA28147-44, FA28147-45, FA28147-46, FA28147-47

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	28.0	112	81-122
107-06-2	1,2-Dichloroethane	25	25.2	101	75-125
108-20-3	Di-Isopropyl Ether	25	26.1	104	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1320	106	55-126
64-17-5	Ethyl Alcohol	500	510	102	46-145
100-41-4	Ethylbenzene	25	28.4	114	81-121
637-92-3	Ethyl Tert Butyl Ether	25	25.9	104	71-120
1634-04-4	Methyl Tert Butyl Ether	25	27.3	109	72-117
91-20-3	Naphthalene	25	29.1	116	63-132
75-85-4	Tert-Amyl Alcohol	250	282	113	65-124
994-05-8	Tert-Amyl Methyl Ether	25	26.8	107	73-122
75-65-0	Tert-Butyl Alcohol	250	252	101	63-129
762-75-4	Tert-Butyl Formate	250	458	183*	46-130
108-88-3	Toluene	25	28.3	113	80-120
1330-20-7	Xylene (total)	75	85.0	113	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO1228-BS	O32272.D	1	10/12/15	DP	n/a	n/a	VO1228

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-11, FA28147-12, FA28147-13, FA28147-14, FA28147-15, FA28147-16, FA28147-17, FA28147-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.2	109	81-122
107-06-2	1,2-Dichloroethane	25	24.2	97	75-125
108-20-3	Di-Isopropyl Ether	25	25.0	100	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1140	91	55-126
64-17-5	Ethyl Alcohol	500	498	100	46-145
100-41-4	Ethylbenzene	25	27.9	112	81-121
637-92-3	Ethyl Tert Butyl Ether	25	24.7	99	71-120
1634-04-4	Methyl Tert Butyl Ether	25	26.3	105	72-117
91-20-3	Naphthalene	25	28.0	112	63-132
75-85-4	Tert-Amyl Alcohol	250	286	114	65-124
994-05-8	Tert-Amyl Methyl Ether	25	25.2	101	73-122
75-65-0	Tert-Butyl Alcohol	250	253	101	63-129
762-75-4	Tert-Butyl Formate	250	397	159*	46-130
108-88-3	Toluene	25	27.8	111	80-120
1330-20-7	Xylene (total)	75	82.4	110	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	105%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28147-1MS	J0971452.D	100	10/07/15	DP	n/a	n/a	VJ5098
FA28147-1MSD	J0971453.D	100	10/07/15	DP	n/a	n/a	VJ5098
FA28147-1	J0971451.D	100	10/07/15	DP	n/a	n/a	VJ5098

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-1, FA28147-4

CAS No.	Compound	FA28147-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	913		2500	3560	106	2500	3380	99	5	81-122/14
107-06-2	1,2-Dichloroethane	ND		2500	2790	112	2500	2660	106	5	75-125/14
108-20-3	Di-Isopropyl Ether	ND		2500	2600	104	2500	2550	102	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		125000	142000	114	125000	145000	116	2	55-126/17
64-17-5	Ethyl Alcohol	ND		50000	49200	98	50000	54400	109	10	46-145/30
100-41-4	Ethylbenzene	1040		2500	3620	103	2500	3320	91	9	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		2500	2490	100	2500	2420	97	3	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		2500	2270	91	2500	2250	90	1	72-117/14
91-20-3	Naphthalene	291	J	2500	2580	92	2500	2680	96	4	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		25000	24300	97	25000	24500	98	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		2500	2370	95	2500	2310	92	3	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		25000	23700	95	25000	23000	92	3	63-129/27
108-88-3	Toluene	6360		2500	8530	87	2500	8120	70* a	5	80-120/14
1330-20-7	Xylene (total)	10700		7500	19400	116	7500	17800	95	9	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA28147-1	Limits
1868-53-7	Dibromofluoromethane	96%	94%	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	111%	109%	113%	79-125%
2037-26-5	Toluene-D8	101%	101%	107%	85-112%
460-00-4	4-Bromofluorobenzene	101%	101%	106%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA27924-4MS	B108678.D	200	10/07/15	WV	n/a	n/a	VB4389
FA27924-4MSD	B108679.D	200	10/07/15	WV	n/a	n/a	VB4389
FA27924-4	B108667.D	200	10/07/15	WV	n/a	n/a	VB4389

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-1, FA28147-4

CAS No.	Compound	FA27924-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
762-75-4	Tert-Butyl Formate	4000	U	50000	86200	172*	50000	87400	175*	1	46-130/33

CAS No.	Surrogate Recoveries	MS	MSD	FA27924-4	Limits
1868-53-7	Dibromofluoromethane	100%	97%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	99%	103%	79-125%
2037-26-5	Toluene-D8	103%	101%	99%	85-112%
460-00-4	4-Bromofluorobenzene	101%	101%	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28147-20MS	O32238.D	20	10/08/15	DP	n/a	n/a	VO1226
FA28147-20MSD	O32239.D	20	10/08/15	DP	n/a	n/a	VO1226
FA28147-20	O32221.D	20	10/08/15	DP	n/a	n/a	VO1226

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-2, FA28147-3, FA28147-19, FA28147-20, FA28147-21, FA28147-22, FA28147-23, FA28147-24, FA28147-25, FA28147-27, FA28147-28, FA28147-29, FA28147-30, FA28147-31, FA28147-32, FA28147-33, FA28147-34, FA28147-35, FA28147-37

CAS No.	Compound	FA28147-20 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	211		500	762	110	500	766	111	1	81-122/14
107-06-2	1,2-Dichloroethane	ND		500	503	101	500	513	103	2	75-125/14
108-20-3	Di-Isopropyl Ether	ND		500	524	105	500	526	105	0	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		25000	26900	108	25000	660	3*	190*	55-126/17
64-17-5	Ethyl Alcohol	ND		10000	10100	101	10000	10300	103	2	46-145/30
100-41-4	Ethylbenzene	681		500	1400	144*	500	1350	134*	4	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		500	527	105	500	517	103	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		500	547	109	500	560	112	2	72-117/14
91-20-3	Naphthalene	99.7	J	500	755	131	500	778	136*	3	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		5000	5130	103	5000	5580	112	8	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		500	509	102	500	535	107	5	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		5000	4860	97	5000	4440	89	9	63-129/27
762-75-4	Tert-Butyl Formate	ND		5000	7250	145*	5000	7680	154*	6	46-130/33
108-88-3	Toluene	39.7		500	605	113	500	590	110	3	80-120/14
1330-20-7	Xylene (total)	3420		1500	4930	101	1500	4750	89	4	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA28147-20	Limits
1868-53-7	Dibromofluoromethane	98%	102%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	98%	92%	79-125%
2037-26-5	Toluene-D8	99%	98%	109%	85-112%
460-00-4	4-Bromofluorobenzene	99%	103%	102%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28147-38MS	O32266.D	50	10/09/15	DP	n/a	n/a	VO1227
FA28147-38MSD	O32267.D	50	10/09/15	DP	n/a	n/a	VO1227
FA28147-38	O32248.D	1	10/09/15	DP	n/a	n/a	VO1227

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-5, FA28147-6, FA28147-7, FA28147-8, FA28147-9, FA28147-10, FA28147-23, FA28147-25, FA28147-26, FA28147-36, FA28147-38, FA28147-39, FA28147-40, FA28147-41, FA28147-42, FA28147-43, FA28147-44, FA28147-45, FA28147-46, FA28147-47

CAS No.	Compound	FA28147-38 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	7.2		1250	1640	131*	1250	1630	130*	1	81-122/14
107-06-2	1,2-Dichloroethane	ND		1250	1140	91	1250	1130	90	1	75-125/14
108-20-3	Di-Isopropyl Ether	ND		1250	1100	88	1250	1130	90	3	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		62500	65600	105	62500	65400	105	0	55-126/17
64-17-5	Ethyl Alcohol	ND		25000	22300	89	25000	22700	91	2	46-145/30
100-41-4	Ethylbenzene	23.5		1250	2500	198*	1250	2770	220*	10	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		1250	1100	88	1250	1140	91	4	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		1250	1180	94	1250	1240	99	5	72-117/14
91-20-3	Naphthalene	2.6	J	1250	1580	126	1250	1660	133*	5	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		12500	10900	87	12500	11000	88	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		1250	1060	85	1250	1140	91	7	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		12500	10000	80	12500	9480	76	5	63-129/27
762-75-4	Tert-Butyl Formate	ND		12500	19300	154*	12500	20600	165*	7	46-130/33
108-88-3	Toluene	1.1		1250	1360	109	1250	1330	106	2	80-120/14
1330-20-7	Xylene (total)	107		3750	8980	237*	3750	8790	232*	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA28147-38	Limits
1868-53-7	Dibromofluoromethane	96%	99%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	99%	91%	79-125%
2037-26-5	Toluene-D8	99%	98%	110%	85-112%
460-00-4	4-Bromofluorobenzene	96%	99%	102%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA28089-2MS	O32293.D	5	10/12/15	DP	n/a	n/a	VO1228
FA28089-2MSD	O32294.D	5	10/12/15	DP	n/a	n/a	VO1228
FA28089-2	O32283.D	5	10/12/15	DP	n/a	n/a	VO1228

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA28147-11, FA28147-12, FA28147-13, FA28147-14, FA28147-15, FA28147-16, FA28147-17, FA28147-18

CAS No.	Compound	FA28089-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	247		125	356	87	125	346	79*	3	81-122/14
107-06-2	1,2-Dichloroethane	ND		125	123	98	125	121	97	2	75-125/14
108-20-3	Di-Isopropyl Ether	ND		125	128	102	125	127	102	1	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		6250	1930	31*	6250	7200	115	115*	55-126/17
64-17-5	Ethyl Alcohol	ND		2500	2760	110	2500	2420	97	13	46-145/30
100-41-4	Ethylbenzene	632	E	125	725	74* [a]	125	706	59* [a]	3	81-121/14
637-92-3	Ethyl Tert Butyl Ether	96.7		125	220	99	125	213	93	3	71-120/14
1634-04-4	Methyl Tert Butyl Ether	15.5		125	146	104	125	148	106	1	72-117/14
91-20-3	Naphthalene	588	E	125	623	28* [a]	125	651	50* [a]	4	63-132/25
75-85-4	Tert-Amyl Alcohol	517		1250	1530	81	1250	1620	88	6	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		125	127	102	125	133	106	5	73-122/13
75-65-0	Tert-Butyl Alcohol	1070		1250	2200	90	1250	2050	78	7	63-129/27
762-75-4	Tert-Butyl Formate	ND		1250	1590	127	1250	1600	128	1	46-130/33
108-88-3	Toluene	5.0		125	156	121*	125	157	122*	1	80-120/14
1330-20-7	Xylene (total)	46.0		375	478	115	375	466	112	3	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA28089-2	Limits
1868-53-7	Dibromofluoromethane	99%	97%	94%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	96%	91%	79-125%
2037-26-5	Toluene-D8	99%	101%	107%	85-112%
460-00-4	4-Bromofluorobenzene	101%	106%	105%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Southeast
ACCUTEST
LABORATORIES

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57822-MB	DD84560.D	1	10/06/15	NG	10/06/15	OP57822	GDD2487

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-1, FA28147-2, FA28147-3, FA28147-4, FA28147-5, FA28147-6, FA28147-7, FA28147-8, FA28147-9, FA28147-10, FA28147-11, FA28147-12, FA28147-13, FA28147-14, FA28147-15, FA28147-16

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	105%	63-137%

6.1.1

Method Blank Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57841-MB	DD84590.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-17, FA28147-18, FA28147-19, FA28147-20, FA28147-21, FA28147-22, FA28147-23, FA28147-24, FA28147-25, FA28147-26, FA28147-27, FA28147-28, FA28147-29, FA28147-30, FA28147-31, FA28147-32, FA28147-33, FA28147-34, FA28147-35, FA28147-36

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	98%	63-137%

6.1.2

Method Blank Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57842-MB	DD84625.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-37, FA28147-38, FA28147-39, FA28147-40, FA28147-42, FA28147-43, FA28147-44, FA28147-45, FA28147-46, FA28147-47

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	113%	63-137%

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57822-BS	DD84558.D	1	10/06/15	NG	10/06/15	OP57822	GDD2487

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-1, FA28147-2, FA28147-3, FA28147-4, FA28147-5, FA28147-6, FA28147-7, FA28147-8, FA28147-9, FA28147-10, FA28147-11, FA28147-12, FA28147-13, FA28147-14, FA28147-15, FA28147-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.22	88	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	109%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57822-BS2	DD84559.D	1	10/06/15	NG	10/06/15	OP57822	GDD2487

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-1, FA28147-2, FA28147-3, FA28147-4, FA28147-5, FA28147-6, FA28147-7, FA28147-8, FA28147-9, FA28147-10, FA28147-11, FA28147-12, FA28147-13, FA28147-14, FA28147-15, FA28147-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	111%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57841-BS	DD84588.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-17, FA28147-18, FA28147-19, FA28147-20, FA28147-21, FA28147-22, FA28147-23, FA28147-24, FA28147-25, FA28147-26, FA28147-27, FA28147-28, FA28147-29, FA28147-30, FA28147-31, FA28147-32, FA28147-33, FA28147-34, FA28147-35, FA28147-36

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.21	84	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	101%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57841-BS2	DD84589.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-17, FA28147-18, FA28147-19, FA28147-20, FA28147-21, FA28147-22, FA28147-23, FA28147-24, FA28147-25, FA28147-26, FA28147-27, FA28147-28, FA28147-29, FA28147-30, FA28147-31, FA28147-32, FA28147-33, FA28147-34, FA28147-35, FA28147-36

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.22	88	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	108%	63-137%

* = Outside of Control Limits

Blank Spike Summary

Job Number: FA28147
Account: GRINCC GRJ (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57842-BS	DD84624.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-37, FA28147-38, FA28147-39, FA28147-40, FA28147-42, FA28147-43, FA28147-44, FA28147-45, FA28147-46, FA28147-47

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.24	96	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	115%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA28147
Account: GRINCC GRJ (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57822-MS	DD84562.D	1	10/06/15	NG	10/06/15	OP57822	GDD2487
FA28147-1 *	DD84561.D	1	10/06/15	NG	10/06/15	OP57822	GDD2487

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-1, FA28147-2, FA28147-3, FA28147-4, FA28147-5, FA28147-6, FA28147-7, FA28147-8, FA28147-9, FA28147-10, FA28147-11, FA28147-12, FA28147-13, FA28147-14, FA28147-15, FA28147-16

CAS No.	Compound	FA28147-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	0.083		0.246	0.32	96	72-134

CAS No.	Surrogate Recoveries	MS	FA28147-1	Limits
460-00-4	4-Bromofluorobenzene	111%	108%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57841-MS	DD84592.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
FA28147-17	DD84591.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-17, FA28147-18, FA28147-19, FA28147-20, FA28147-21, FA28147-22, FA28147-23, FA28147-24, FA28147-25, FA28147-26, FA28147-27, FA28147-28, FA28147-29, FA28147-30, FA28147-31, FA28147-32, FA28147-33, FA28147-34, FA28147-35, FA28147-36

CAS No.	Compound	FA28147-17 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.236	0.22	93	72-134

CAS No.	Surrogate Recoveries	MS	FA28147-17	Limits
460-00-4	4-Bromofluorobenzene	105%	102%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57842-MS	DD84627.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
FA28147-37	DD84626.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-37, FA28147-38, FA28147-39, FA28147-40, FA28147-42, FA28147-43, FA28147-44, FA28147-45, FA28147-46, FA28147-47

CAS No.	Compound	FA28147-37 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.235	0.21	90	72-134

CAS No.	Surrogate Recoveries	MS	FA28147-37	Limits
460-00-4	4-Bromofluorobenzene	104%	100%	63-137%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57822-DUP	DD84564.D	1	10/06/15	NG	10/06/15	OP57822	GDD2487
FA28147-2	DD84563.D	1	10/06/15	NG	10/06/15	OP57822	GDD2487

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-1, FA28147-2, FA28147-3, FA28147-4, FA28147-5, FA28147-6, FA28147-7, FA28147-8, FA28147-9, FA28147-10, FA28147-11, FA28147-12, FA28147-13, FA28147-14, FA28147-15, FA28147-16

CAS No.	Compound	FA28147-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA28147-2	Limits
460-00-4	4-Bromofluorobenzene	114%	94%	63-137%

6.4.1

6

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57841-DUP	DD84594.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488
FA28147-18	DD84593.D	1	10/07/15	NG	10/07/15	OP57841	GDD2488

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-17, FA28147-18, FA28147-19, FA28147-20, FA28147-21, FA28147-22, FA28147-23, FA28147-24, FA28147-25, FA28147-26, FA28147-27, FA28147-28, FA28147-29, FA28147-30, FA28147-31, FA28147-32, FA28147-33, FA28147-34, FA28147-35, FA28147-36

CAS No.	Compound	FA28147-18 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA28147-18	Limits
460-00-4	4-Bromofluorobenzene	109%	109%	63-137%

* = Outside of Control Limits.

6.4.2

6

Duplicate Summary

Job Number: FA28147
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP57842-DUP	DD84631.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488
FA28147-38 [a]	DD84630.D	1	10/08/15	NG	10/07/15	OP57842	GDD2488

The QC reported here applies to the following samples: **Method:** SW846 8011

FA28147-37, FA28147-38, FA28147-39, FA28147-40, FA28147-42, FA28147-43, FA28147-44, FA28147-45, FA28147-46, FA28147-47

CAS No.	Compound	FA28147-38 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	0.060		0.058		3	28

CAS No.	Surrogate Recoveries	DUP	FA28147-38	Limits
460-00-4	4-Bromofluorobenzene	79%	84%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

APPENDIX B

Field Data Information Sheets

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Scott Ball	Field Personnel: Angela R / Corey B

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
mw-1	14.5	4.5-14.5	–	11.24	–	N/A	NO	YES	YES	NO
mw-2	15	5-15	–	10.90	–	↓	↓	↓	↓	↓
mw-3	14	4-14	–	5.79	–	↓	↓	↓	↓	↓
mw-4	12	2-12	–	11.74	–	↓	↓	↓	↓	↓
mw-5	12	2-12	–	10.33	–	↓	↓	↓	↓	↓
mw-6	12	2-12	–	9.52	–	↓	↓	↓	↓	↓
mw-7	12	2-12	–	10.60	–	↓	↓	↓	↓	↓
mw-8	13	3-13	–	9.54	–	↓	↓	↓	↓	↓
mw-9	12	2-12	–	10.04	–	↓	↓	↓	↓	YES
mw-10	12	2-12	–	10.04	–	↓	↓	↓	↓	NO
mw-11	12	2-12	–	9.06	–	↓	↓	↓	↓	↓
mw-12	13	3-13	–	8.48	–	↓	↓	↓	↓	↓
mw-13	12	2-12	–	9.07	–	↓	↓	↓	↓	↓

Notes: _____

Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Scott Ball	Field Personnel: Angela R. / Corey B.

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-14	12	2-12	–	8.16	–	N/A	NO	YES	YES	YES
MW-15	13	3-13	–	10.54	–	↓	↓	↓	↓	YES
MW-16	13	3-13	–	12.23	–	↓	↓	↓	↓	NO
MW-17	13	3-13	–	10.28	–	↓	↓	↓	↓	NO
MW-18	13	3-13	–	10.80	–	↓	↓	↓	↓	NO
MW-19	14	4-14	–	9.36	–	↓	↓	↓	↓	YES
MW-20	14	4-14	–	10.52	–	↓	↓	↓	↓	NO
MW-21	14	4-14	–	8.48	–	↓	↓	↓	↓	↓
MW-23	14	4-14	–	11.49	–	↓	↓	↓	↓	↓
MW-24	14	4-14	–	10.64	–	↓	↓	↓	↓	↓
MW-26	15	5-15	–	11.00	–	↓	↓	↓	↓	↓
MW-27	15	5-15	–	11.72	–	↓	↓	↓	↓	↓
MW-28	15	5-15	–	11.99	–	↓	↓	↓	↓	↓

Notes: _____

Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Scott Bell	Field Personnel: Angela R. / Corey B.

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-29	14	4-14	—	7.82	—	N/A	NO	YES	YES	NO
MW-30	14	4-14	—	2.93	—	↓	↓	↓	↓	YES
MW-31	15	5-15	—	8.13	—	↓	↓	↓	↓	NO
MW-32	15	5-15	—	9.93	—	↓	↓	↓	↓	YES
MW-33	15	5-15	—	8.73	—	↓	↓	↓	↓	NO
MW-34	15	5-15	—	11.68	—	↓	↓	↓	↓	YES
MW-35	13	3-13	—	9.96	—	↓	↓	↓	↓	NO
TW-1	41	36-41	—	11.43	—	↓	↓	↓	↓	YES
TW-2	38	33-38	—	10.71	—	↓	↓	↓	↓	NO
TW-3	40	35-40	—	11.90	—	↓	↓	↓	↓	YES

Notes: _____

Signature: Angela Rall

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 4.5 to 14.5	Total Well Depth (TWD) (ft.): 14.5
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.24		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1022
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.00							

Sampling Data

Sampled By: Angela R	Sampling Time: 1022	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other_____ ___Private WSW ___Public WSW		Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 15
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.90		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.) —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1018
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	3.70							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1018	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 14
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.79		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								904
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	3.93							

Sampling Data

Sampled By: Angela R.	Sampling Time: 904	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Rael

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #	Calibration			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.74		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								909
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	—							

Sampling Data

Sampled By:	Sampling Time: 9:09	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Insufficient H2O for sample 3 of 5 VOAs filled, no DO reading
1 VOA w/ large bubble, No Purge Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly Cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.33		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								915
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	3.30							

Sampling Data

Sampled By: Angela R.	Sampling Time: 915	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Rout

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.52		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								921
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	4.92							

Sampling Data

Sampled By: Angela R.	Sampling Time: 921	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-7	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.60		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								928
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	—							

Sampling Data

Sampled By: Angela Roach	Sampling Time: 928	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Enough H_2O for reading, sampled only

No Purge

Signature: Angela Roach

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 9/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0 (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-8	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 13
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.54		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								849
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	2.48							

Sampling Data

Sampled By: Angela R.	Sampling Time: 849	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-9	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ Private WSW ___ Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.04		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								858
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.45							

Sampling Data

Sampled By: Angela R.	Sampling Time: 856	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Rucker

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-10	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.04		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1001
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	2.87							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1001	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Ball

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-11	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.06		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1054
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.61							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1054	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela R.

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-12	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 13
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.48		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1124
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.39							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1124	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Rae

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ 556 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
~~YSI 85~~ 556 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-13	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.07		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)	0944							0944
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.38							

Sampling Data

Sampled By: Corey B.	Sampling Time: 0944	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Corey Buchanan

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-14	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.16		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							932
Time (military)	0932							
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.97							

Sampling Data

Sampled By: Corey B.	Sampling Time: 0932	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Corey Burton

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85-0

Quality Assurance

Meter Name	Serial #	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-15	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.): 13
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.54		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)	1034							1034
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.41							

Sampling Data

Sampled By: Corey B.	Sampling Time: 1034	Duplicate: (Y) or N	If yes, Duplicate Time: 1034

Notes: No Purge

Signature: Corey B. Buchanan

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID # 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #.	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-16	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.): 13
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 12.23		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1151
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.88							

Sampling Data

Sampled By: Corey B	Sampling Time: 1151	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Corey Bielan

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0 (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-17	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 13
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.28		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1206
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.22							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1206	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela R.

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID # 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #	Calibration			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-18	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ___Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 13
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.80		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)	1119							1119
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	2.36							

Sampling Data

Sampled By: Corey B	Sampling Time: 1119	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Corey Buckalew

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date:	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-19	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ___Bailer ___Pump
X MW ___IW ___RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 14
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.36		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1011
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.79							

Sampling Data

Sampled By: Corey B.	Sampling Time: 1011	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Corey Brelsford

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-20	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 14
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.52		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1219
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.85							

Sampling Data

Sampled By: Angela R	Sampling Time: 1219	Duplicate: (Y) or N	If yes, Duplicate Time: 1220

Notes: No Purge

Signature: Angela Rowe

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-21	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 14
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.48		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): 4.63	1 casing volume (CV = LWC x C) (gals.): 0.75		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)	1343							1348
PH (s.u.)	6.67							
Specific Conductivity (µS/cm)	99							
Water Temperature (°C)	21.60							
Turbidity (NTU)	—							
Dissolved Oxygen (mg/L)	1.15							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1348	Duplicate Y or (N)	If yes, Duplicate Time:

Notes: Dry @ .5 Volumes

Signature: Angela R.

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly Cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-23	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 14
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.49		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1031
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.37							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1031	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Rae

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-24	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 14
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.64		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1135
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.96							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1135	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0 (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-26	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 15
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.00		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): ~	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): ~

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								954
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.71							

Sampling Data

Sampled By: Angela R.	Sampling Time: 954	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 9/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-27	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 15
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.72		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								943
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.67							

Sampling Data

Sampled By: Angela Roach	Sampling Time: 943	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Roach

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 9/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-28	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 15
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.99		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								936
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	+ 2.47							

Sampling Data

Sampled By: Angela Roach	Sampling Time: 936	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Roach

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date:	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-29	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 14
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.82		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								0959
PH (s u)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.79							

Sampling Data

Sampled By: Corey B.	Sampling Time: 0959	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Reed

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-30	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 13.53
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 2.93		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): 10.60	1 casing volume (CV = LWC x C) (gals.): 1.69		3 casing volumes (3 x CV) (gals.): 5.08

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.69	3.39	5.08				
Time (military)	1001	1008	1014	1021				1021
PH (s.u.)	4.93	5.07	4.97	4.96				
Specific Conductivity (µS/cm)	40	39	36	38				
Water Temperature (°C)	25.34	23.68	24.11	24.04				
Turbidity (NTU)	230	250	71000	71000				
Dissolved Oxygen (mg/L)	0.77	1.70	2.15	2.20				

Sampling Data

Sampled By: Corey N. Buchanan	Sampling Time: 1021	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Corey N. Buchanan

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly Cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-31	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 15	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.13	Free Product Thickness (ft.): —	
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —	3 casing volumes (3 x CV) (gals.): —	

Purging Data

	Initial	1st Vol	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1113
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.52							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1113	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Rad

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-32	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 15
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.93		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1102
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	0.54							

Sampling Data

Sampled By: Corey B.	Sampling Time: 1102	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Corey Buck

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-33	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 15
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.73		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.) —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1040
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)	1.32							
Dissolved Oxygen (mg/L)	~~1.37~~							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1040	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Ross

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0 (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-34	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 15
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.68		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1138
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.83							

Sampling Data

Sampled By: Corey B.	Sampling Time: 1138	Duplicate (Y) or N	If yes, Duplicate Time: 1139

Notes: No Purge

Signature: Corey Buchanan

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #	Calibration			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-35	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.): 13
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.96		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): —	1 casing volume (CV = LWC x C) (gals.): —		3 casing volumes (3 x CV) (gals.): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								1142
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	1.45							

Sampling Data

Sampled By: Angela R.	Sampling Time: 1142	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge

Signature: Angela Rae

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #	Calibration			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: TW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 36 to 41		Total Well Depth (TWD) (ft.): 39.77
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.43		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): 28.34	1 casing volume (CV = LWC x C) (gals.): 4.53		3 casing volumes (3 x CV) (gals.): 13.59

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.53	9.06	13.59				
Time (military)	1301	1314						1318
PH (s.u.)	8.84	7.24						
Specific Conductivity (µS/cm)	86	63						
Water Temperature (°C)	23.75	20.48						
Turbidity (NTU)	—	—						
Dissolved Oxygen (mg/L)	4.96	4.27						

Sampling Data

Sampled By: Corey B.	Sampling Time: 1318	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 5.25 GAL

Turbidity meter malfunctioned

Signature: Corey N. Buchanan

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85°

Quality Assurance

Meter Name	Serial #	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: Tw-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 33 to 38		Total Well Depth (TWD) (ft.): 35.96
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.71		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): 25.25	1 casing volume (CV = LWC x C) (gals.): 4.04		3 casing volumes (3 x CV) (gals.): 12.12

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.04						
Time (military)	1232	1243						1250
PH (s.u.)	6.37	9.05						
Specific Conductivity (µS/cm)	85	146						
Water Temperature (°C)	24.40	20.37						
Turbidity (NTU)	—	—						
Dissolved Oxygen (mg/L)	3.59	1.85						

Sampling Data

Sampled By: Corey	Sampling Time: 1250	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Turbidity meter malfunctioned

Signature: Corey Brun

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 09/30/15	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Angela R. / Corey B.
County: Sumter	Project Manager: Scott Ball	General Weather Conditions: Partly cloudy	Ambient Air Temp (°F): 85

Quality Assurance

Meter Name	Serial #	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	13B100013	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	↓	(Y) or N			
~~LaMotte~~ (Turbidity) Hanna	08597525	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: TW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 35 to 40	Total Well Depth (TWD) (ft.): 39.15
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.90		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): 27.25	1 casing volume (CV = LWC x C) (gals.): 4.36		3 casing volumes (3 x CV) (gals.): 13.08

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.36	8.72	13.08				
Time (military)	1156	1208						1210
PH (s.u.)	6.11	5.72						
Specific Conductivity (µS/cm)	105	70						
Water Temperature (°C)	23.14	21.28						
Turbidity (NTU)	28.0	~~21.28~~ 7000						
Dissolved Oxygen (mg/L)	1.89	2.15						

Sampling Data

Sampled By:	Sampling Time: 1210	Duplicate: Y or ~~N~~	If yes, Duplicate Time:

Notes: DRY @ 5 GAL. LIMITED VOL

Signature: Corey N. Buchanan

APPENDIX C

Contractor Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			X
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	X		
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?			X
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?			X
12	Has the primary soil type been described?			X
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?			X
17	Has the method of well development been detailed?			X
18	Has justification been provided for the locations of the monitoring wells?			X
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?			X
20	Has the groundwater sampling methodology been detailed?	X		
21	Have the groundwater sampling dates and groundwater measurements been provided?	X		
22	Has the purging methodology been detailed?	X		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	X		
24	If free-product is present, has the thickness been provided?			X
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	X		
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	X		
40	Has the site potentiometric map been provided? (Figure 5)	X		
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	X		
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)			X
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information.

dhec

UST 94 DOCKETING

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

UST JUN 10 2019 PROGRAM

To: Tom Knight (SCDHEC Project Manager)
From: Scott Ball (Contractor Project Manager)
Contractor: Geological Resources, Inc. UST Contractor Certification Number: 74

Facility Name: Lenoir Store UST Permit #: 08825
Facility Address: 3240 Horatio Hagood Road, Horatio, Sumter County, SC
Responsible Party: Carrie Lenoir c/o Steve Lenoir Phone: (843) 499-4023
RP Address: 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina, 29062-0156
Property Owner (if different): NA
Property Owner Address:
Current Use of Property: Commercial - Country Store and US Post Office

Scope of Work (Please check all that apply)

- ☐ IGWA
- ☐ Tier I
- ☐ Tier II
- ☐ Monitoring Well Installation
- ☑ Groundwater Sampling
- ☐ Other
- ☐ GAC

Analyses (Please check all that apply)

Groundwater/Surface Water:

- ☑ BTEXNMDCA (8260B)
- ☑ Oxygenates (8260B)
- ☑ EDB (8011)
- ☐ PAH (8270D)
- ☐ Lead
- ☐ 8 RCRA Metals
- ☐ TPH
- ☐ pH
- ☐ BOD
- ☐ Nitrate
- ☐ Sulfate
- ☐ Other
- ☐ Methane
- ☐ Ethanol
- ☐ Dissolved Iron

Drinking Water Supply Wells:

- ☑ BTEXNMDCA (524.2)
- ☑ Oxygenates & Ethanol (8260B)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☑ EDB (504.1)

Soil:

- ☐ BTEXNM
- ☐ Lead
- ☐ RCRA Metals
- ☐ PAH
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☐ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

____ Soil	7 Water Supply Wells	____ Air	2 Field Blank
38 Monitoring Wells	____ Surface Water	3 Duplicate	2 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: _____ Estimated Footage: _____ feet per point
# of deep points proposed: _____ Estimated Footage: _____ feet per point
Field Screening Methodology: _____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: _____ Estimated Footage: _____ feet per point
# of deep wells: _____ Estimated Footage: _____ feet per point
# of recovery wells: _____ Estimated Footage: _____ feet per point
Comments, if warranted:

UST Permit #: 08825 Facility Name: Lenoir Store

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 20 days from approval Field Work Completion: 23 days from approval

Report Submittal: 60 days from approval # of Copies Provided to Property Owners: 1

Aquifer Characterization

Pump Test: ☐ Slug Test: ☐ (Check one and provide explanation below for choice)

Investigation Derived Waste Disposal

Soil: _____ Tons Purge Water: 200 Gallons

Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.

Sample monitoring wells MW-1 through MW-35, TW-1, TW-2, TW-3 and water supply wells WSW-1, WSW-2, WSW-3, WSW-4, WSW-6, WSW-7 and WSW-8. All ground water samples collected will be submitted for analyses of BTEX, MTBE, naphthalene, 1, 2-DCA and 8 oxygenates by Method 8260 and EDB by Method 8011.

All monitoring wells will be purged prior to sampling. Water supply well samples will be analyzed by 524.2, 8260 and 504.1.

Two monitoring well samples will be duplicated. One water supply sample will be duplicated. The appropriate trip blanks and field blanks will be collected/submitted.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____

SCDHEC Certification Number: _____

Name of Laboratory Director: _____

NA Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

Name of Well Driller: _____

SCLLR Certification Number: _____

No Other variations from ACQAP. Please describe below.

Attachments

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North Arrow	Proposed monitoring well locations
Location of property lines	Legend with facility name and address, UST permit number, and bar scale
Location of buildings	Streets or highways (indicate names and numbers)
Previous soil sampling locations	Location of all present and former ASTs and USTs
Previous monitoring well locations	Location of all potential receptors
Proposed soil boring locations	

3. Assessment Component Cost Agreement, SCDHEC Form D-3664

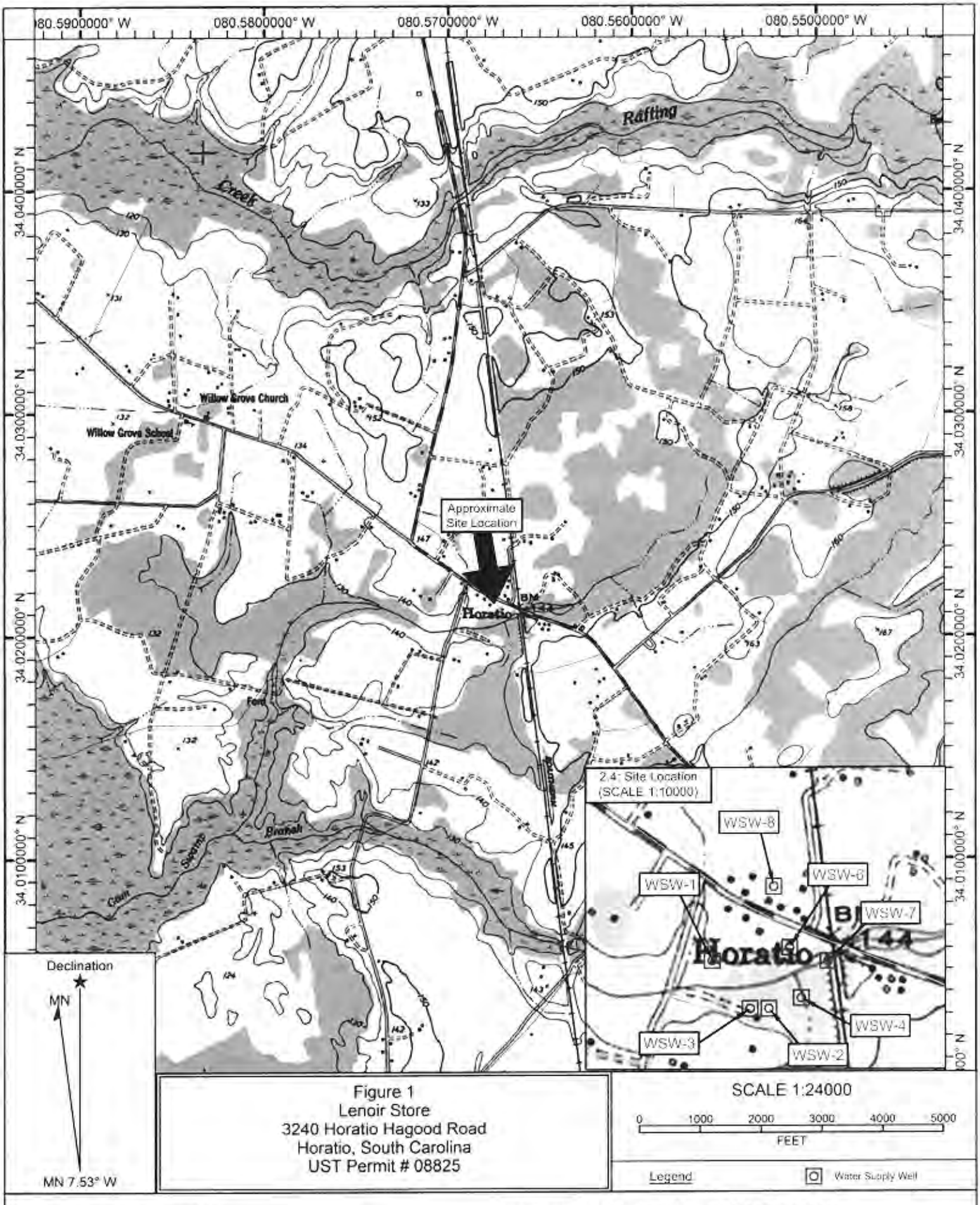


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

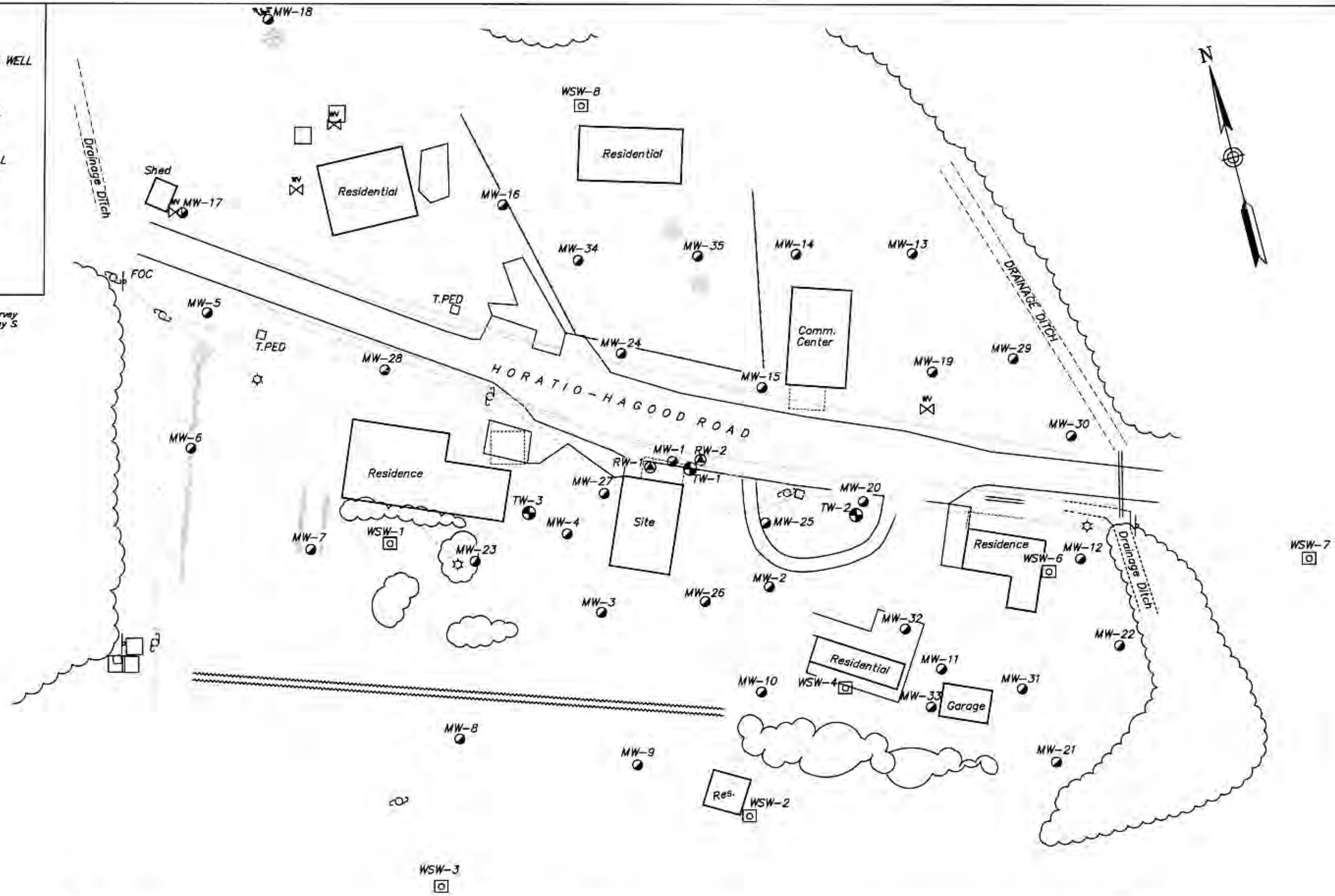
Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- T TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Jay S. Joshi of Columbia, SC.



Geological Resources, Inc.

0 30 60 120
(IN FEET)
1 inch = 60 ft

SITE MAP

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	10/19/15	Drawn by:	ECH	Figure:	2

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ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
June 15, 2017

UST
JUN 10 2019
PROGRAM

Facility Name: Lenoir Store

UST Permit #: 08825 **Cost Agreement #:** _____ GRI Proposal 19-267

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1. **Plan Preparation**				
A1. Site-specific Work Plan	1	each	$150.00	$150.00
B1. Tax Map		each	$70.00	$0.00
C1. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00	$0.00
2. A1. **Receptor Survey ***		each	$551.00	$0.00
3. **Survey (500 ft x 500 ft)**				
A1. Comprehensive Survey		each	$1,040.00	$0.00
B. Subsurface Geophysical Survey				
1B. < 10 meters below grade		each	$1,300.00	$0.00
2B. > 10 meters below grade		each	$2,310.00	$0.00
C1. Geophysical UST or Drum Survey		each	$910.00	$0.00
4. **Mob/Demob**				
A1. Equipment		each	$1,020.00	$0.00
B1. Personnel	2	each	$423.00	$846.00
C1. Adverse Terrain Vehicle		each	$500.00	$0.00
5. A1. **Soil Borings (hand auger)***		foot	$5.00	$0.00
6. **Soil Borings (requiring equipment, push technology, etc)* or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***				
AA. Standard		per foot	$15.00	$0.00
C1. Fractured Rock		per foot	$20.20	$0.00
7. A1. **Soil Leachability Model**		each	$60.00	$0.00
8. **Abandonment (per foot)***				
A1. 2" diameter or less		per foot	$3.10	$0.00
B1. Greater than 2" to 6" diameter		per foot	$4.50	$0.00
C1. Dug/Bored well (up to 6 feet diameter)		per foot	$15.00	$0.00
9. **Well Installation (per foot)***				
A1. Water Table (hand augered)		per foot	$10.60	$0.00
B1. Water Table (drill rig)		per foot	$38.00	$0.00
CC. Telescoping		per foot	$50.00	$0.00
DD. Rock Drilling		per foot	$58.00	$0.00
E1. 2" Rock Coring		per foot	$30.90	$0.00
G1. Rock Multi-sampling ports/screens		per foot	$33.40	$0.00
HH. Recovery Well (4" diameter)		per foot	$45.00	$0.00
II. Pushed Pre-packed screen (1.25" dia)		per foot	$15.00	$0.00
J1. Rotosonic (2" diameter)		per foot	$44.00	$0.00
K. Re-develop Existing Well		per foot	$11.00	$0.00
10. **Groundwater Sample Collection / Gauge Depth to Water or Product ***				
A1. Groundwater Purge	38	per well/receptor	$60.00	$2,280.00
B1. Air or Vapors		per receptor	$12.00	$0.00
C1. Water Supply	7	per well/receptor	$22.00	$154.00
D1. Groundwater No Purge or Duplicate	3	per well/receptor	$28.00	$84.00
E1. Gauge Well only		per well	$7.00	$0.00
F1. Sample Below Product		per well	$12.00	$0.00
G1. Passive Diffusion Bag		each	$26.00	$0.00
H1. Field Blank	2	each	$24.60	$49.20
I. Groundwater (low flow purge)		per well/receptor	$91.00	$0.00

11. Laboratory Analyses-Groundwater					
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	42	per sample	$122.00		$5,124.00
AA1. Lead, Filtered		per sample	$13.80		$0.00
B2. Rush EPA Method 8260B (All of item A.)		per sample	$153.60		$0.00
C2. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$36.40		$0.00
D1. PAH's		per sample	$60.60		$0.00
E1. Lead		per sample	$16.00		$0.00
F1. EDB by EPA 8011	41	per sample	$45.20		$1,853.20
FF1. EDB by EPA Method 8011 Rush		per sample	$68.20		$0.00
G1. 8 RCRA Metals		per sample	$63.40		$0.00
H1. TPH (9070)		per sample	$41.00		$0.00
II. pH		per sample	$5.20		$0.00
J1. BOD		per sample	$20.00		$0.00
PP. Ethanol		per sample	$14.80		$0.00
11. Analyses-Drinking Water					
L. BTEXNM+1,2 DCA (524.2)	10	per sample	$124.05		$1,240.50
M. 7-OXYGENATES & ETHANOL (8260B)	10	per sample	$91.75		$917.50
N. EDB (504.1)	9	per sample	$79.50		$715.50
O. RCRA METALS (200.8)		per sample	$100.00		$0.00
11. Analyses-Soil					
Q1. BTEX + Naphth.		per sample	$64.00		$0.00
R1. PAH's		per sample	$64.04		$0.00
S1. 8 RCRA Metals		per sample	$56.40		$0.00
U1. TPH-DRO (3550C/8015C)		per sample	$40.00		$0.00
V1. TPH- GRO (5030B/8015C)		per sample	$35.96		$0.00
W1. Grain size/hydrometer		per sample	$104.00		$0.00
X1. Total Organic Carbon		per sample	$30.60		$0.00
11. Analyses-Air					
Y1. BTEX + Naphthalene		per sample	$216.00		$0.00
11. Analyses-Free Phase Product					
Z1. Hydrocarbon Fuel Identification		per sample	$357.00		$0.00
12. Aquifer Characterization					
A1. Pumping Test*		per hour	$23.00		$0.00
B1. Slug Test*		per test	$191.00		$0.00
C1. Fractured Rock		per test	$100.00		$0.00
13. A1. Free Product Recovery Rate Test*		each	$38.00		$0.00
14. Fate/Transport Modeling					
A1. Mathematical Model		each	$100.00		$0.00
B1. Computer Model		each	$100.00		$0.00
15. Risk Evaluation					
A. Tier I Risk Evaluation		each	$300.00		$0.00
B1. Tier II Risk Evaluation		each	$100.00		$0.00
16. A1. Subsequent Survey*		each	$260.00		$0.00
17. Disposal (gallons or tons)*					
AA. Wastewater	200	gallon	$0.56		$112.00
BB. Free Product		gallon	$0.50		$0.00
C1. Soil Treatment/Disposal		ton	$60.00		$0.00
D1. Drilling fluids		gallon	$0.42		$0.00
18. Miscellaneous (attach receipts)					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
20. Tier I Assessment (Use DHEC 3665 form)		standard			$0.00
21. IGWA (Use DHEC 3666 form)		standard			$0.00
22. Corrective Action (Use DHEC 3667 form)		PFP Bid			$0.00

UST
JUN 10 2014
PROGRAM

23. **Aggressive Fluid & Vapor Recovery (AFVR)**					
A1. 8-hour Event*		each	$1,375.00		$0.00
AA. 24-hour Event*		each	$3,825.00		$0.00
A3. 48-hour Event*		each	$6,265.00		$0.00
A4. 96-hour Event*		each	$12,567.50		$0.00
C1. Off-gas Treatment 8 hour		per event	$122.50		$0.00
C2. Off-gas Treatment 24 hour		per event	$241.50		$0.00
C3. Off-gas Treatment 48 hour		per event	$327.00		$0.00
C4. Off-gas Treatment 96 hour		per event	$780.00		$0.00
D. Site Reconnaissance		each	$203.25		$0.00
E1. Additional Hook-ups		each	$25.75		$0.00
F1. Effluent Disposal		gallon	$0.44		$0.00
G. AFVR Mobilization/Demobilization		each	$391.50		$0.00
24. **Granulated Activated Carbon (GAC) filter system installation & service:**					
A1. New GAC System Installation*		each	$1,900.00		$0.00
BB. Refurbished GAC Sys. Install*		each	$900.00		$0.00
C1. Filter replacement/removal*		each	$350.00		$0.00
DD. GAC System removal, cleaning, & refurbishment*		each	$275.00		$0.00
E1. GAC System housing*		each	$250.00		$0.00
F. In-line particulate filter		each	$150.00		$0.00
G1. Additional piping & fittings		foot	$1.50		$0.00
25. **Well Repair**					
A1. Additional Copies of the Report Delivered		each	$50.00		$0.00
B1. Repair 2x2 MW pad*		each	$50.00		$0.00
C1. Repair 4x4 MW pad*		each	$88.00		$0.00
D1. Repair well vault*		each	$118.00		$0.00
F1. Replace well cover bolts		each	$2.60		$0.00
G. Replace locking well cap & lock		each	$15.00		$0.00
H1 Replace/Repair stick-up*		each	$134.00		$0.00
I1. Convert Flush-mount to Stick-up*		each	$150.00		$0.00
J1. Convert Stick-up to Flush-mount*		each	$130.00		$0.00
K1. Replace missing/illegible well ID plate		each	$12.00		$0.00
Report Prep & Project Management	12%	percent	$13,525.90		$1,623.11
TOTAL					$15,149.01

DHEC 2495 6-2017 *The appropriate mobilization cost can be added to complete these tasks, as necessary

dhec
Healthy People. Healthy Communities.

CARRIE B LENOIR
3240 HORATIO HAGOOD RD
HORATIO SC 29062-0156

SEP 13 2019

Re: Notice to Proceed with Groundwater Sampling
Lenoir Store, 3240 Horatio Hagood Rd, Horatio
UST Permit #08825, CA #60213
Release reported June 23, 1993
Site Specific Work Plan received June 10, 2019
Sumter County

Dear Ms. Lenoir:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site-Specific Work Plan (SSWP) submitted by your contractor. All work should be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), Geological Resourcess approved SSWP and Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the current revision of the UST QAPP is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/

The groundwater sampling event should begin immediately upon receipt of this letter. Cost agreement # 60213 has been approved for the amount shown on the enclosed cost agreement form.

The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

The Monitoring report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the Division within sixty (60) days of the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the UST QAPP.

Geological Resources, can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Division is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Division for the cost to be paid. The Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by R.61-98.

The Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit # 08825. If there are any questions concerning this project, please contact me at (803) 898-0601 or by email at knightbt@dhec.sc.gov.

Sincerely,

Tom Knight, P.G., Hydrogeologist
Assessment & Unregulated Petroleum Section
UST Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: Geological Resources Inc., 3502 Hayes Road, Monroe, NC 28110 (w/ enc)
Technical File (w/enc)

Approved Cost Agreement 60213

Facility: 08825 LENOIR STORE
KNIGHTBT
PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
01 PLAN					
		A1 SITE SPECIFIC WORK PLAN	1.0000	$150.000	150.00
04 MOB/DEMOB					
		B1 PERSONNEL	2.0000	$423.000	846.00
10 SAMPLE COLLECTION					
		A1 GROUNDWATER (PURGE)	38.0000	$60.000	2,280.00
		C1 WATER SUPPLY	7.0000	$22.000	154.00
		D1 GROUNDWATER NO PURGE/DUPLICATE	3.0000	$28.000	84.00
		H1 FIELD BLANK	2.0000	$24.600	49.20
11 ANALYSES					
	GW GROUNDWATER	A2 BTEXNM+OXYGS+1,2-DCA+ETH-8260B	42.0000	$122.000	5,124.00
		F1 EDB BY 8011	41.0000	$45.200	1,853.20
	WATER DRINKING WATER	L BTEXNM+1,2 DCA (524.2)	10.0000	$124.050	1,240.50
		M 7-OXYGENATES & ETHANOL (8260B)	10.0000	$91.750	917.50
		N EDB (504.1)	9.0000	$79.500	715.50
17 DISPOSAL					
		AA WASTEWATER	200.0000	$0.560	112.00
19 RPT/PROJECT MNGT & COORDINATIO					
		PRT REPORT PREPARATION	0.1200	$13,525.900	1,623.11
			Total Amount		15,149.01

Geological Resources, Inc.

UST 95 Tech DOCKETING

PROGRAM NOV 25 2019 UST

November 20, 2019

Mr. Tom Knight
SCDHEC
UST Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, SC 29201

Re: Ground Water Assessment Report
October 2019
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
South Carolina
UST Permit Number: 08825
GRI Project No: 2001

Dear Mr. Knight,

Please find enclosed the referenced report for the above mentioned site.

If you have any questions, please do not hesitate to contact Scott Ball at (704) 845-4010.

Sincerely,
Geological Resources, Inc.

Leslie Maxtone-Graham
Administrative Assistant

Enclosure

cc: Ms Carrie Lenoir, file

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

GROUND WATER MONITORING REPORT
OCTOBER 2019
LENOIR STORE
3240 HORATIO HAGOOD RD.
HORATIO, SUMTER COUNTY
SOUTH CAROLINA
UST PERMIT NO. 08825
GRI PROJECT NO. 2001

Prepared for:

Ms. Carrie Lenoir
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina 29062

Prepared by:

Geological Resources, Inc.
3502 Hayes Road
Monroe, North Carolina 28110
Class 1 UST Site Rehabilitation Contractor # 74

November 20, 2019

W. Scott Ball
Senior Project Manager

JOHN M. BROWN
REGISTERED
NO
1116
SOUTH CAROLINA
PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License Number 1116

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1.0 INTRODUCTION 1

2.0 FACILITY INFORMATION 1

3.0 GROUND WATER QUALITY 2

4.0 QA/QC 3

5.0 CONCLUSIONS AND RECOMMENDATIONS 4

6.0 LIMITATIONS 4

FIGURES

Figure 1: Site Location Map
Figure 2: Site Map
Figure 3: Water Table Surface Map
Figure 4: Ground Water Quality Map

TABLES

Table 1: Summary of Ground Water Elevation Data
Table 2: Summary of Laboratory Analytical Results - Ground Water Samples – Chemicals of Concern
Table 3: Summary of Laboratory Analytical Results – Ground Water Samples - Oxygenates

APPENDICES

Appendix A: Laboratory Analytical Report - Ground Water Samples
Appendix B: Field Data Information Sheets
Appendix C: Disposal Manifest
Appendix D: Contractor Checklist

1.0 INTRODUCTION

This report presents the results of comprehensive ground water sampling activities conducted in October 2019 at the Lenoir Store site, located at 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina (**Figure 1**). The activities were conducted in accordance with the "Notice to Proceed with Groundwater Sampling" directive dated September 13, 2019 from the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the activities was to obtain current ground water quality data for the site. The site currently contains a general store and post office. Adjacent properties are currently used for residential purposes.

A release from the UST system was reported to the SCDHEC on June 29, 1993. One 2,000-gallon gasoline UST was removed from the site on June 4, 1993. One 3,000-gallon gasoline UST was closed in place on June 16, 1999. A Tier I Assessment was completed at the site in October 2003. A Tier II Assessment was completed at the site in April 2008. A total of thirty-five Type III monitoring wells (MW-1 through MW-35), three telescoping wells (TW-1 through TW-3) and two recovery wells (RW-1 and RW-2) have been installed during previous assessment activities conducted at the site. In addition, several AFVR and ground water sampling events have been conducted at the site since completion of the Tier II assessment.

Eight water supply wells (WSW-1 though WSW-8) were identified within 1,000 feet of the source area during a receptor survey conducted in April 2008 as part of the Tier II assessment. Municipal water is available to all properties in the area. The last comprehensive ground water sampling event conducted at the site occurred on September 30, 2015. Contaminants of concern (COCs) above their respective risk-based screening levels (RBSLs) have been reported in several monitoring wells at the site. This report summarizes the October 2019 ground water monitoring results.

2.0 FACILITY INFORMATION

- **Facility Name:** Lenoir Store
- **Location:** 3240 Horatio Hagood Road
Horatio, Sumter County, SC 29062
- **UST Permit No.** 08825
- **Land Use:** Commercial
- **Property Owner:** Carrie Lenoir
3240 Horatio Hagood Road

Horatio, SC 29062
803-499-4023

- **UST Owner/Operator:** Carrie Lenoir
  3240 Horatio Hagood Road
  Horatio, SC 29062
  803-499-4023

- **Site Rehabilitation Contractor:** Geological Resources, Inc. (GRI)
  3502 Hayes Road
  Monroe, North Carolina 28110
  (704) 845-4010
  Class 1, Certification Number 74

- **Laboratory:** SGS North America, Inc.
  4405 Vineland Road, Suite C-15
  Orlando, FL 32811
  (407) 425-6700
  State Certification Number: 96038001

Release Information:

- **Date Discovered:** June 29, 1993
- **Estimated Amount of Release:** Unknown
- **Source of Release:** Leaking UST System
- **UST Size/Contents:** One 2,000-gallon and one 3,000-gallon gasoline USTs

- **Latitude:** 34.0216209°North **Longitude:** 80.5678072° West

3.0 GROUND WATER QUALITY

Thirty-three Type III monitoring wells (MW-1 through MW-20, and MW-23 through MW-35) and three telescoping monitoring wells (TW-1 through TW-3) were gauged, purged and/or sampled on October 8 - 9, 2019. Monitoring wells MW-17 and MW-23 were dry, while MW-21 and MW-22 could not be located. In addition, water supply wells, WSW-2, WSW-3, WSW-6, WSW-7 and WSW-8 were sampled on October 8, 2019. Water supply well WSW-1 had the pump disconnected and WSW-4 had no spigot available for sampling.

The depths to ground water in the Type III monitoring wells during the October 2019 gauging event ranged from 6.89 to 11.38 feet below the top of casings. Free product was not encountered during the October 2019 monitoring event. Ground water elevations in the Type III monitoring wells relative to a temporary benchmark with an assumed datum of 100.00 feet ranged from 89.56 to 90.18 feet. Based on this data, the ground water flow direction was toward the west. The horizontal hydraulic gradient across the site was 0.001 feet per foot. The vertical hydraulic gradients calculated for paired wells MW-1/TW-1, MW-20/TW-2, and MW-4/TW-3 were approximately 0.005, 0.003, and 0.0004 feet per foot downward,

respectively. A Site Map showing the locations of the monitoring wells and the structures on-site has been included as **Figure 2.** Summaries of ground water elevation data for the October 2019 sampling event are presented in **Table 1.** A Water Table Surface Map for the October 2019 sampling event has been included as **Figure 3.**

Laboratory analyses were performed on the ground water samples collected from the monitoring wells during the October 2019 sampling event for BTEX, MTBE, naphthalene, 1,2-dichloroethane (1,2-DCA) and eight oxygenates using EPA Method 8260B and EDB by Method 8011. Water supply well samples were submitted for analyses of BTEX, MTBE, naphthalene, 1,2-DCA by Method 524.2, oxygenates by Method 8260B, and EDB by Method 504.1. Concentrations of one or more BTEX constituents, naphthalene, 1,2-DCA and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-4, MW-20, MW-24, MW-25, MW-27, and MW-28. Concentrations of the oxygenate TAA that exceeded the Action Level were reported in the ground water samples collected from MW-1, MW-4, MW-20, MW-24 and MW-27. No detectable concentrations of requested method constituents were reported in any of the samples collected from the water supply wells or telescoping wells. A Ground Water Quality Map based on data from the October 2019 sampling event has been included as **Figure 4.** Summaries of ground water analytical results are presented in **Table 2** and **Table 3.** A complete laboratory analytical report has been included as **Appendix A.** Ground Water Sampling Data Sheets are attached as **Appendix B.** A disposal manifest for purge water generated during the sampling event is included as **Appendix C.**

4.0 QA/QC

Monitoring well gauging, purging and sampling was conducted in general accordance with the SCDHEC Programmatic QAPP and the approved site specific Contractor Addendum. All wells were purged and/or sampled with dedicated disposable bailers. All field measurement equipment was properly decontaminated between sampling locations. Duplicate samples from monitoring wells MW-1 and MW-24 (MW-1 DUP A and MW-24 DUP B), and water supply well WSW-6 (WSW-6 DUP C), two field blanks, and two trip blanks were collected during the sampling activities. Laboratory results for each sample and their respective duplicate samples showed the same compounds at similar concentrations. No detectable concentrations of method constituents were reported in any of the trip blanks or the field blanks. All applicable items on the Contractor Checklist were reviewed and verified. A copy of the Contractor Checklist is included as **Appendix D.**

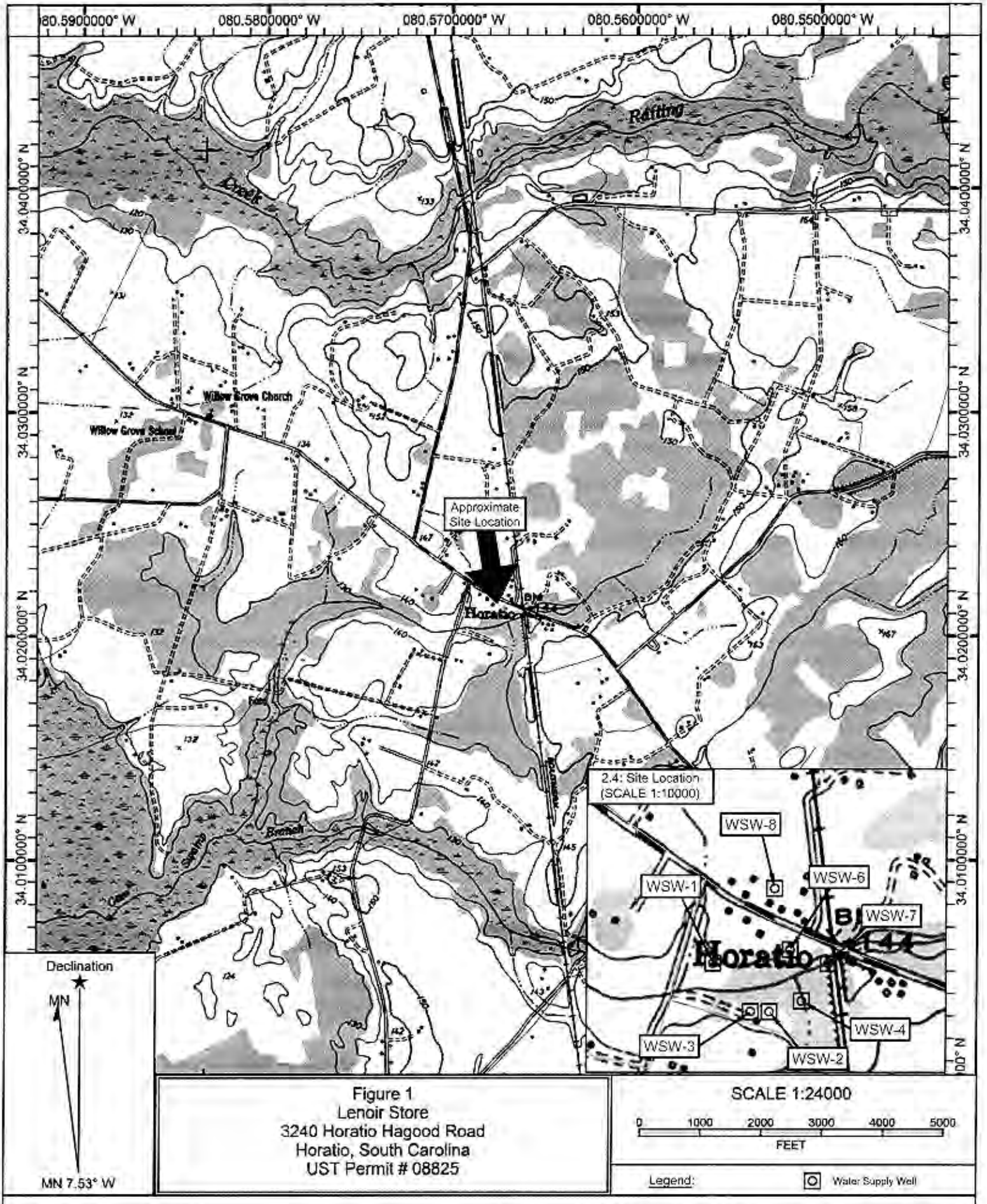
5.0 CONCLUSIONS AND RECOMMENDATIONS

- Thirty-three Type III monitoring wells, three telescoping monitoring wells and six water supply wells were gauged, purged and/or sampled on October 8 - 9, 2019. Ground water flow across the site was generally towards the west. The horizontal hydraulic gradient across the site was less than 0.01 feet per foot. The vertical hydraulic gradient across the site varied from 0.0004 to 0.005 feet per foot downward.
- Concentrations of one or more BTEX constituents, naphthalene, 1,2-DCA and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-4, MW-20, MW-24, MW-25, MW-27 and MW-28. Concentrations of the oxygenate TAA that exceeded the Action Level were reported in the ground water samples collected from MW-1, MW-4, MW-20, MW-24 and MW-27. No detectable concentrations of requested method constituents were reported in any of the samples collected from the water supply wells or telescoping wells.
- Due to the presence and use of several water supply wells in the immediate vicinity of the release, AFVR events and ground water monitoring should continue as directed by SCDHEC.

6.0 LIMITATIONS

This report has been prepared for the exclusive use of Carrie Lenoir and the SCDHEC for specific application to the referenced site in Sumter County, South Carolina. The assessment was conducted based on the scope of work and level of effort specified by the SCDHEC and with resources adequate only for that scope of work. Our findings have been developed in accordance with generally accepted standards of geology and hydrogeology practices in the State of South Carolina, available information, and our professional judgment. No other warranty is expressed or implied.

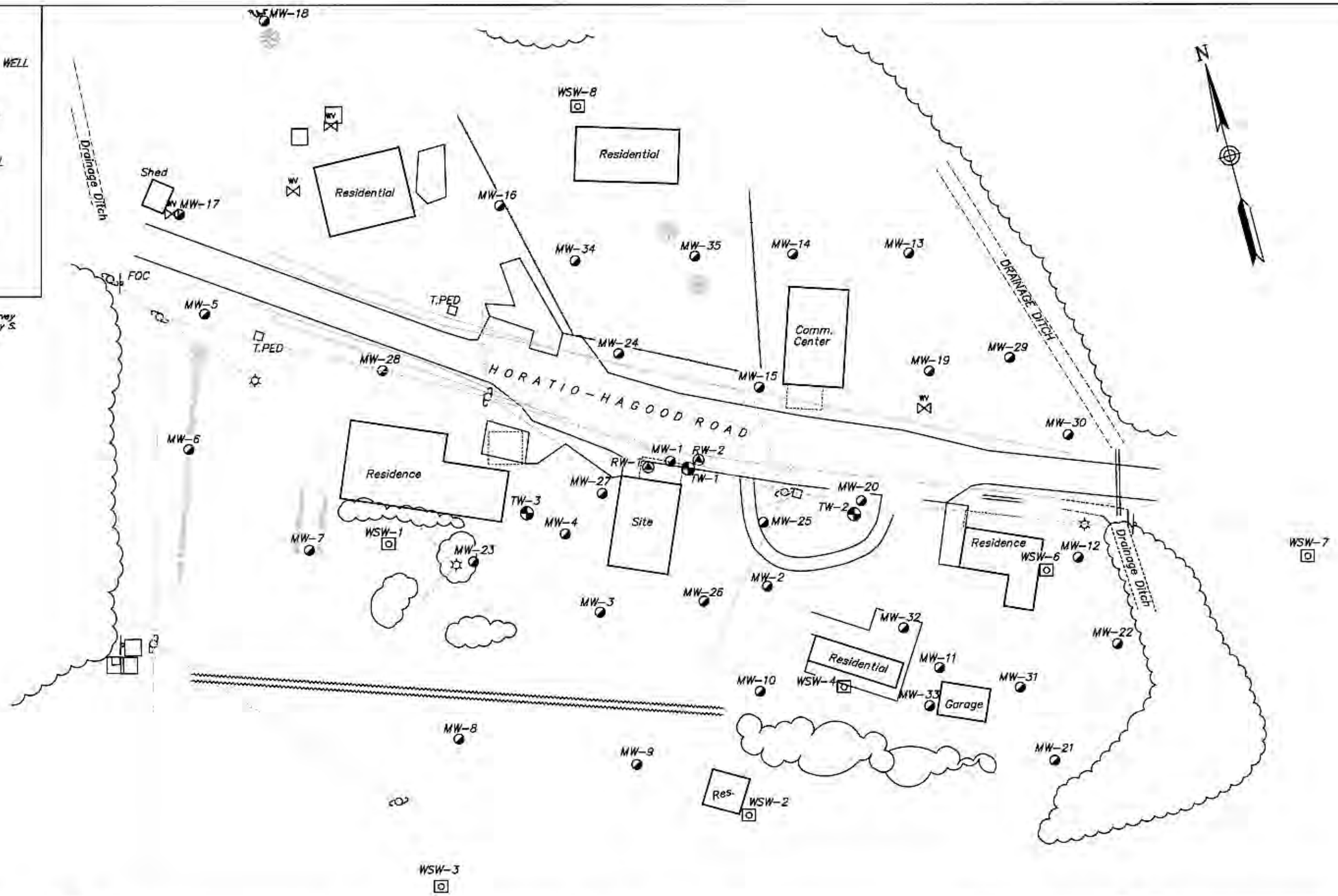
The data that are presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. In addition, the data obtained from samples would be interpreted as being meaningful with respect to parameters indicated in the laboratory report. No additional information can logically be inferred from these data. Please note that certain information contained in this report was not obtained under the direct supervision of GRI personnel. Therefore, GRI cannot verify the accuracy of this information. However, for the purpose of this report, GRI assumes the information is correct.


080.5900000° W
080.5800000° W
080.5700000° W
080.5600000° W
080.5500000° W
34.0400000° N
34.0300000° N
34.0200000° N
34.0100000° N
Rafting
Creek
Willow Grove Church
Willow Grove School
Approximate Site Location
Horatio
Brothell
Swamp
2.4: Site Location (SCALE 1:10000)
WSW-8
WSW-6
WSW-1
WSW-7
WSW-4
WSW-3
WSW-2
Declination
MN
MN 7.53° W
Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825
SCALE 1:24000
0 1000 2000 3000 4000 5000
FEET
Legend:
Water Supply Well
Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.
Location: 034.0216209° N 080.5678072° W
Generated by ECH at Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2008 completed by Jay S. Joshi of Columbia, SC.



Geological Resources, Inc.

0 30 60 120
(IN FEET)
1 Inch = 60 ft

SITE MAP

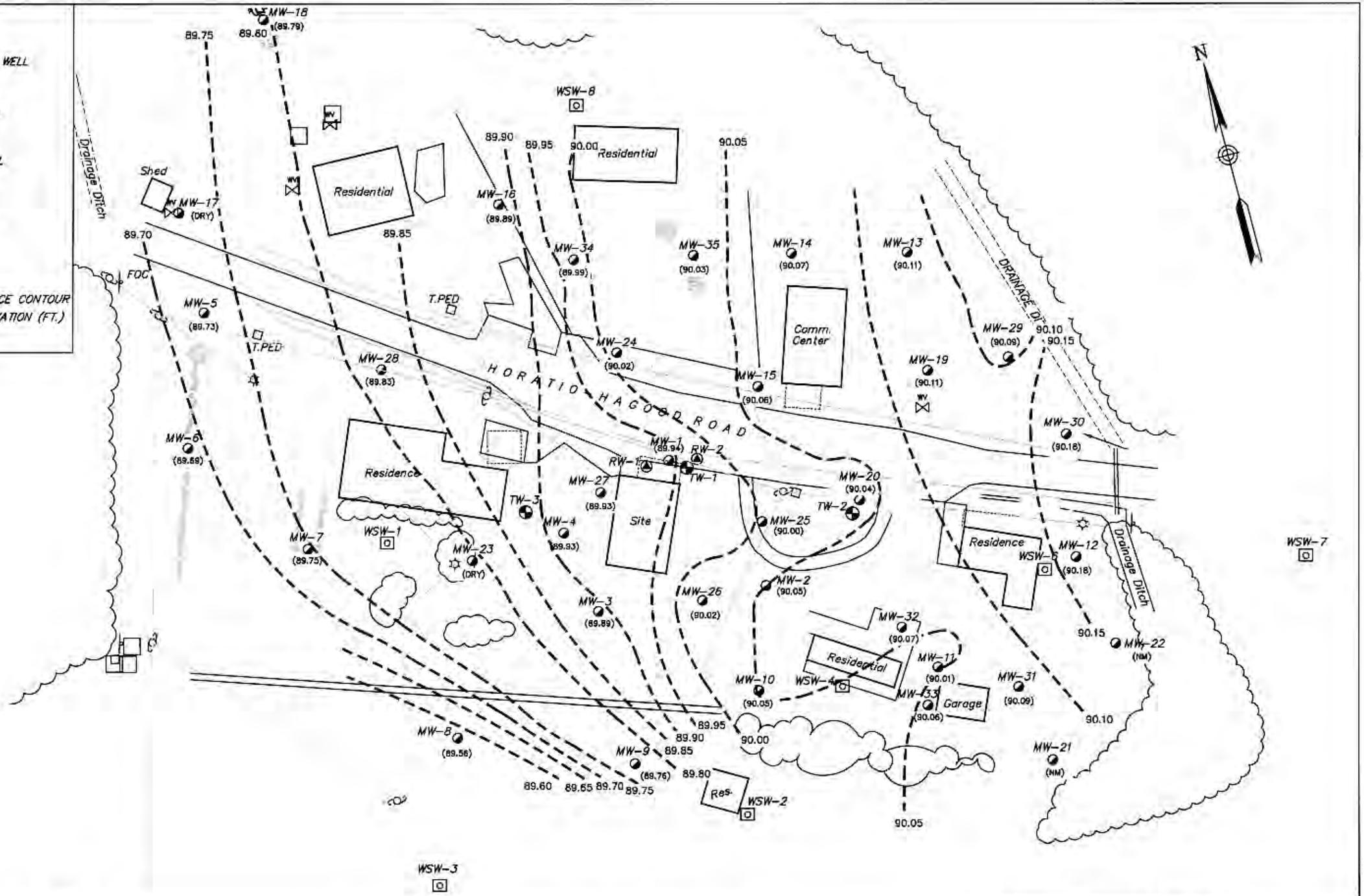
Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	10/19/15	Drawn by:	ECH	Figure:	2

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE
- 89.90 WATER TABLE SURFACE CONTOUR
- (89.03) GROUND WATER ELEVATION (FT.)
- (NM) NOT MEASURED



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

WATER TABLE SURFACE MAP (10/08/19)

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, Sumter County, SC

Date:	11/07/19	Drawn by:	DTH	Figure:	3

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WV WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

1,810	BENZENE
2,650	TOLUENE
1,320	ETHYLBENZENE
719	NAPHTHALENE
33.0 J	1,2-DCA
0.51	EDB

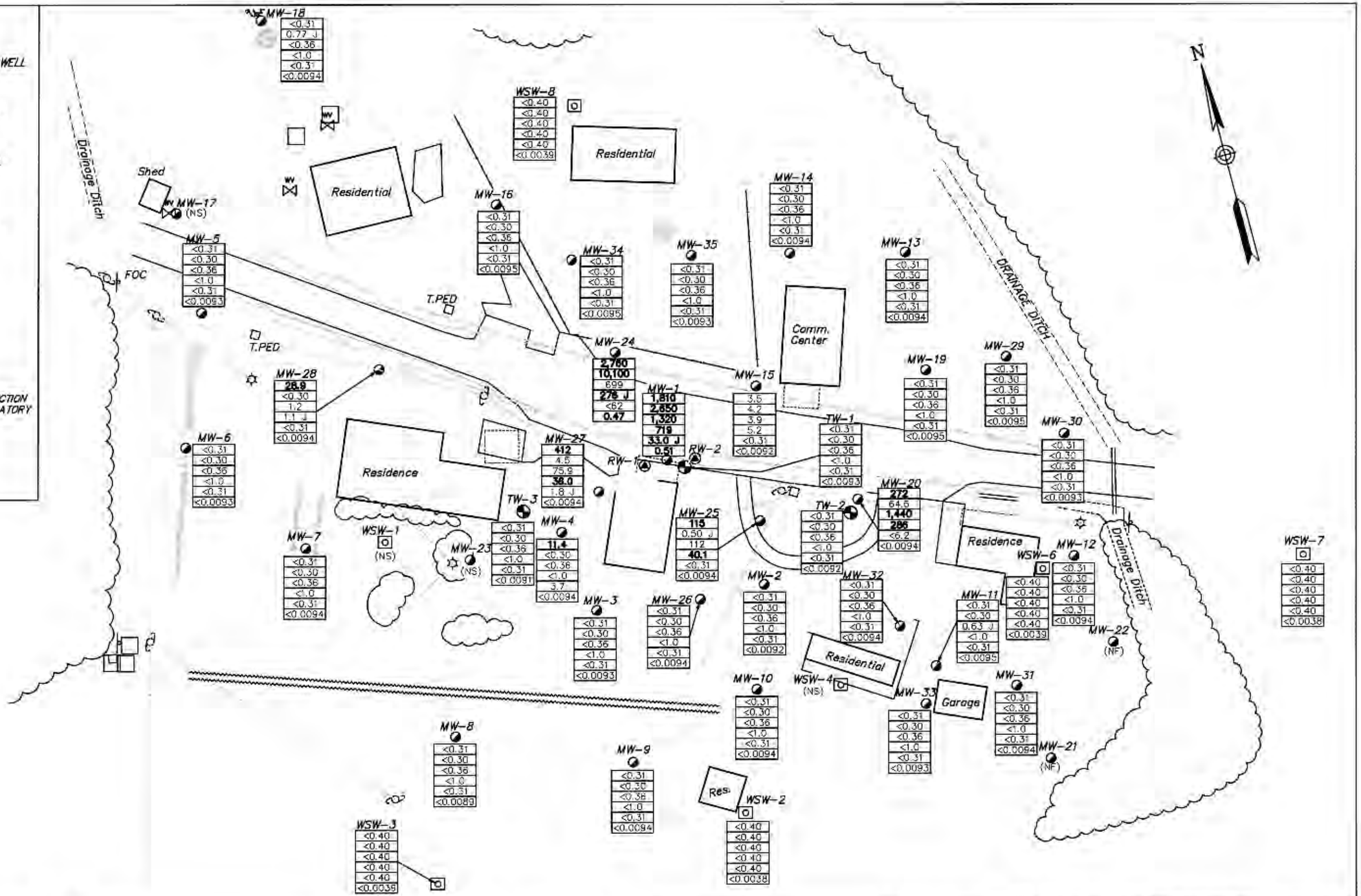
CONCENTRATIONS IN µg/L

<20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

(NS) NOT SAMPLED

(NF) NOT FOUND



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

GROUND WATER QUALITY MAP (10/08-09/19)

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, Sumter County, SC

Date:	11/09/19	Drawn by:	DTH	Figure:	4

TABLES

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-1	09/23/03	09/24/03	100.00	9.16	---	90.84	14.5	4.5-14.5
		08/28/07		11.54	0.66	89.03		
		03/07/08	100.27	3.16	0.56	97.59		
		06/12/08		10.44	0.11	89.92		
		08/25/08		9.86	0.11	90.50		
		03/05/09		8.62	0.20	91.82		
		10/13/10		10.79	0.02	89.50		
		07/25/11		11.41	0.03	88.89		
		02/29/12		12.52	0.04	87.78		
		07/18/13		8.52	---	91.75		
		01/23/14		9.16	---	91.11		
		08/28/14		9.66	0.03	90.64		
		12/23/14		10.89	---	89.38		
		09/30/15		11.24	---	89.03		
		10/08/19		10.33		89.94		
MW-2	09/23/03	09/24/03	99.74	9.01	---	90.73	15	5-15
		08/28/07		10.76	---	88.98		
		03/07/08	100.00	3.70	---	96.30		
		06/12/08		10.02	---	89.98		
		08/25/08		9.18	---	90.82		
		03/05/09		4.20	---	95.80		
		10/13/10		10.46	---	89.54		
		02/29/12		6.33	---	93.67		
		07/18/13		3.15	---	96.85		
		01/23/14		6.38	---	93.62		
		08/28/14		9.28	---	90.72		
		12/23/14		10.49	---	89.51		
		09/30/15		10.90	---	89.10		
		10/08/19		9.95		90.05		
MW-3	09/23/03	09/24/03	100.11	7.68	---	92.43	14	4-14
		08/28/07		11.22	---	88.89		
		03/07/08	100.41	3.04	---	97.37		
		06/12/08		10.49	---	89.92		
		08/25/08		5.89	---	94.52		
		03/05/09		3.87	---	96.54		
		10/13/10		7.72	---	92.69		
		02/29/12		3.20	---	97.21		
		07/18/13		2.04	---	98.37		
		01/23/14		2.45	---	97.96		
		08/28/14		6.24	---	94.17		
		12/22/14		5.61	---	94.80		
		09/30/15		5.79	---	94.62		
		10/08/19		10.52		89.89		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-4	03/05/08	03/07/08	100.76	7.85	---	92.91	12	2-12
		06/12/08		10.87	---	89.89		
		08/25/08		10.28	---	90.48		
		03/05/09		8.91	---	91.85		
		10/13/10		11.28	---	89.48		
		07/25/11		11.70	---	89.06		
		02/29/12		DRY	---	DRY		
		07/18/13		8.07	---	92.69		
		01/23/14		9.62	---	91.14		
		08/28/14		10.18	---	90.58		
		12/22/14		11.34	---	89.42		
		09/30/15		11.74	---	89.02		
		10/08/19		10.83		89.93		
MW-5	03/05/08	03/07/08	99.16	7.71	---	91.45	12	2-12
		06/12/08		9.37	---	89.79		
		08/25/08		8.74	---	90.42		
		03/05/09		7.35	---	91.81		
		10/13/10		9.81	---	89.35		
		02/29/12		11.52	---	87.64		
		07/18/13		6.49	---	92.67		
		01/23/14		8.07	---	91.09		
		08/28/14		8.70	---	90.46		
		12/22/14		9.89	---	89.27		
		09/30/15		10.33	---	88.83		
		10/08/19		9.43		89.73		
MW-6	03/05/08	03/07/08	98.32	6.98	---	91.34	12	2-12
		06/12/08		8.56	---	89.76		
		08/25/08		7.94	---	90.38		
		03/05/09		6.60	---	91.72		
		10/13/10		8.99	---	89.33		
		02/29/12		10.60	---	87.72		
		07/18/13		5.44	---	92.88		
		01/23/14		7.23	---	91.09		
		08/28/14		7.94	---	90.38		
		12/22/14		9.21	---	89.11		
		09/30/15		9.52	---	88.80		
		10/08/19		8.63		89.69		
MW-7	03/05/08	03/07/08	99.45	8.16	---	91.29	12	2-12
		06/12/08		9.70	---	89.75		
		08/25/08		9.08	---	90.37		
		03/05/09		7.66	---	91.79		
		10/13/10		10.09	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.83	---	92.62		
		01/23/14		8.41	---	91.04		
		08/28/14		9.02	---	90.43		
		12/22/14		10.17	---	89.28		
		09/30/15		10.60	---	88.85		
		10/08/19		9.70		89.75		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-8	03/05/08	03/07/08	98.43	7.23	---	91.20	13	3-13
		06/12/08		8.70	---	89.73		
		08/25/08		8.91	---	89.52		
		03/05/09		8.35	---	90.08		
		10/13/10		9.07	---	89.36		
		02/29/12		10.74	---	87.69		
		07/18/13		NM	NM	NM		
		01/23/14		7.43	---	91.00		
		08/28/14		7.99	---	90.44		
		12/22/14		9.12	---	89.31		
		09/30/15		9.54	---	88.89		
		10/08/19		8.87		89.56		
MW-9	03/05/08	03/07/08	99.09	7.63	---	91.46	12	2-12
		06/12/08		9.17	---	89.92		
		08/25/08		8.50	---	90.59		
		03/05/09		7.37	---	91.72		
		10/13/10		9.54	---	89.55		
		02/29/12		11.07	---	88.02		
		07/18/13		5.30	---	93.79		
		01/23/14		7.87	---	91.22		
		08/28/14		8.45	---	90.64		
		12/22/14		9.67	---	89.42		
		09/30/15		10.04	---	89.05		
		10/08/19		9.33		89.76		
MW-10	03/05/08	03/07/08	99.16	7.81	---	91.35	12	2-12
		06/12/08		9.20	---	89.96		
		08/25/08		8.66	---	90.50		
		03/05/09		7.26	---	91.90		
		10/13/10		9.61	---	89.55		
		02/29/12		11.20	---	87.96		
		07/18/13		6.59	---	92.57		
		01/23/14		8.02	---	91.14		
		08/28/14		8.48	---	90.68		
		12/23/14		9.67	---	89.49		
		09/30/15		10.04	---	89.12		
		10/08/19		9.11		90.05		
MW-11	03/05/08	03/07/08	98.23	6.79	---	91.44	12	2-12
		06/12/08		8.26	---	89.97		
		08/25/08		7.70	---	90.53		
		03/05/09		6.34	---	91.89		
		10/13/10		8.65	---	89.58		
		07/25/11		9.25	---	88.98		
		02/29/12		10.20	---	88.03		
		07/18/13		5.53	---	92.70		
		01/23/14		7.08	---	91.15		
		08/28/14		7.50	---	90.73		
		12/22/14		8.64	---	89.59		
		09/30/15		9.06	---	89.17		
		10/08/19		8.22		90.01		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-12	03/05/08	03/07/08	97.88	6.34	---	91.54	13	3-13
		06/12/08		7.83	---	90.05		
		08/25/08		7.20	---	90.68		
		03/05/09		5.82	---	92.06		
		10/13/10		8.18	---	89.70		
		02/29/12		9.69	---	88.19		
		07/18/13		4.95	---	92.93		
		01/23/14		6.51	---	91.37		
		08/28/14		7.02	---	90.86		
		12/22/14		8.14	---	89.74		
		09/30/15		8.48	---	89.40		
		10/08/19		7.70		90.18		
MW-13	03/06/08	03/07/08	98.27	6.95	---	91.32	12	2-12
		06/12/08		8.20	---	90.07		
		08/25/08		7.66	---	90.61		
		03/05/09		6.30	---	91.97		
		10/13/10		8.60	---	89.67		
		02/29/12		10.38	---	87.89		
		07/18/13		5.49	---	92.78		
		01/23/14		7.02	---	91.25		
		08/28/14		7.53	---	90.74		
		12/22/14		8.78	---	89.49		
		09/30/15		9.07	---	89.20		
		10/08/19		8.16		90.11		
MW-14	03/06/08	03/07/08	97.29	6.02	---	91.27	12	2-12
		06/12/08		7.30	---	89.99		
		08/25/08		6.71	---	90.58		
		03/05/09		5.36	---	91.93		
		10/13/10		7.65	---	89.64		
		02/29/12		9.43	---	87.86		
		07/18/13		4.54	---	92.75		
		01/23/14		6.09	---	91.20		
		08/28/14		6.57	---	90.72		
		12/22/14		7.87	---	89.42		
		09/30/15		8.16	---	89.13		
		10/08/19		7.22		90.07		
MW-15	03/06/08	03/07/08	99.64	8.38	---	91.26	13	3-13
		06/12/08		9.66	---	89.98		
		08/25/08		9.09	---	90.55		
		03/05/09		7.71	---	91.93		
		10/13/10		10.03	---	89.61		
		07/25/11		10.65	---	88.99		
		02/29/12		11.74	---	87.90		
		07/18/13		6.82	---	92.82		
		01/23/14		8.37	---	91.27		
		08/28/14		8.45	---	91.19		
		12/22/14		10.20	---	89.44		
		09/30/15		10.54	---	89.10		
		10/08/19		9.58		90.06		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-16	03/06/08	03/07/08	101.27	10.00	---	91.27	13	3-13
		06/12/08		11.31	---	89.96		
		08/25/08		10.74	---	90.53		
		03/05/09		9.36	---	91.91		
		10/13/10		11.70	---	89.57		
		02/29/12		DRY	---	DRY		
		07/18/13		5.53	---	95.74		
		01/23/14		10.13	---	91.14		
		08/28/14		10.66	---	90.61		
		12/22/14		11.67	---	89.60		
		09/30/15		12.23	---	89.04		
		10/08/19		11.38		89.89		
MW-17	03/06/08	03/07/08	99.09	8.35	---	90.74	13	3-13
		06/12/08		9.32	---	89.77		
		08/25/08		8.70	---	90.39		
		03/05/09		7.29	---	91.80		
		10/13/10		9.73	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.49	---	92.60		
		01/23/14		8.07	---	91.02		
		08/28/14		8.68	---	90.41		
		12/22/14		9.90	---	89.19		
		09/30/15		10.28	---	88.81		
		10/08/19		DRY		DRY		
MW-18	03/06/08	03/07/08	99.71	7.95	---	91.76	13	3-13
		06/12/08		9.83	---	89.88		
		08/25/08		9.23	---	90.48		
		03/05/09		7.86	---	91.85		
		10/13/10		10.27	---	89.44		
		02/29/12		12.01	---	87.70		
		07/18/13		6.90	---	92.81		
		01/23/14		8.58	---	91.13		
		08/28/14		9.18	---	90.53		
		12/22/14		10.41	---	89.30		
		09/30/15		10.80	---	88.91		
		10/08/19		9.92		89.79		
MW-19	05/06/08	06/12/08	98.52	8.48	---	90.04	14	4-14
		08/25/08		8.40	---	90.12		
		03/05/09		7.73	---	90.79		
		10/13/10		8.88	---	89.64		
		07/25/11		9.48	---	89.04		
		02/29/12		10.67	---	87.85		
		07/18/13		6.04	---	92.48		
		01/23/14		7.38	---	91.14		
		08/28/14		7.78	---	90.74		
		12/22/14		9.04	---	89.48		
		09/30/15		9.36	---	89.16		
		10/08/19		8.41		90.11		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-20	05/06/08	06/12/08	99.65	9.69	---	89.96	14	4-14
		08/25/08		9.24	---	90.41		
		03/05/09		8.32	---	91.33		
		10/13/10		10.07	---	89.58		
		07/25/11		10.63	---	89.02		
		02/29/12		11.72	---	87.93		
		07/18/13		6.99	---	92.66		
		01/23/14		8.52	---	91.13		
		08/28/14		8.91	---	90.74		
		12/22/14		10.14	---	89.51		
		09/30/15		10.52	---	89.13		
		10/08/19		9.61		90.04		
MW-21	05/06/08	06/12/08	97.64	8.71	---	88.93	14	4-14
		08/25/08		7.19	---	90.45		
		03/05/09		5.95	---	91.69		
		10/13/10		8.05	---	89.59		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		8.48	---	89.16		
		10/08/19		NM		NM		
MW-22	05/06/08	06/12/08	97.35	7.31	---	90.04	14	4-14
		08/25/08		6.63	---	90.72		
		03/05/09		5.11	---	92.24		
		10/13/10		7.67	---	89.68		
		02/29/12		5.95	---	91.40		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		NM	---	NM		
		10/08/19		NM		NM		
MW-23	05/06/08	06/12/08	100.47	10.65	---	89.82	14	4-14
		08/25/08		10.04	---	90.43		
		03/05/09		9.17	---	91.30		
		10/13/10		NM	---	NM		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.38	---	91.09		
		08/28/14		9.92	---	90.55		
		12/22/14		11.08	---	89.39		
		09/30/15		11.49	---	88.98		
		10/08/19		DRY		DRY		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-24	05/06/08	06/12/08	99.69	9.75	---	89.94	14	4-14
		08/25/08		9.17	---	90.52		
		03/05/09		7.80	---	91.89		
		10/13/10		10.13	---	89.56		
		07/25/11		10.76	---	88.93		
		02/29/12		11.80	---	87.89		
		07/18/13		7.00	---	92.69		
		01/23/14		9.55	---	90.14		
		08/28/14		9.02	---	90.67		
		12/22/14		10.26	---	89.43		
		09/30/15		10.64	---	89.05		
		10/08/19		9.67		90.02		
MW-25	08/25/08	08/25/08	101.10	10.60	---	90.50	14.5	4.5-14.5
		03/05/09		9.20	---	91.90		
		10/13/10		11.56	---	89.54		
		07/25/11		12.16	---	88.94		
		02/29/12		13.15	---	87.95		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		NM	---	NM		
		10/08/19		11.10		90.00		
MW-26	08/25/08	08/25/08	100.10	9.61	---	90.49	15	5-15
		03/05/09		9.04	---	91.06		
		10/13/10		10.56	---	89.54		
		02/29/12		12.18	---	87.92		
		07/18/13		7.45	---	92.65		
		01/23/14		8.66	---	91.44		
		08/28/14		9.44	---	90.66		
		12/23/14		10.63	---	89.47		
		09/30/15		11.00	---	89.10		
		10/08/19		10.08		90.02		
MW-27	08/25/08	08/25/08	100.74	10.41	---	90.33	15	5-15
		03/05/09		9.90	---	90.84		
		10/13/10		11.25	---	89.49		
		07/25/11		11.86	---	88.88		
		02/29/12		12.90	---	87.84		
		07/18/13		8.02	---	92.72		
		01/23/14		9.61	---	91.13		
		08/28/14		10.14	---	90.60		
		12/22/14		11.29	---	89.45		
		09/30/15		11.72	---	89.02		
		10/08/19		10.81		89.93		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-28	08/25/08	08/25/08	100.92	10.41	---	90.51	15	5-15
		03/05/09		10.01	---	90.91		
		10/13/10		11.47	---	89.45		
		07/25/11		12.05	---	88.87		
		02/29/12		13.20	---	87.72		
		07/18/13		8.10	---	92.82		
		01/23/14		9.82	---	91.10		
		08/28/14		10.39	---	90.53		
		12/22/14		11.54	---	89.38		
		09/30/15		11.99	---	88.93		
		10/08/19		11.09		89.83		
MW-29	08/25/08	08/25/08	96.98	6.40	---	90.58	14	4-14
		03/05/09		5.00	---	91.98		
		10/13/10		7.30	---	89.68		
		02/29/12		9.05	---	87.93		
		07/18/13		4.19	---	92.79		
		01/23/14		5.73	---	91.25		
		08/28/14		6.27	23.00	90.71		
		12/22/14		7.59	---	89.39		
		09/30/15		7.82	---	89.16		
		10/08/19		6.89		90.09		
MW-30	08/25/08	08/25/08	98.19	3.21	---	94.98	14	4-14
		03/05/09		6.22	---	91.97		
		10/13/10		NM	---	NM		
		02/29/12		2.92	---	95.27		
		07/18/13		2.05	---	96.14		
		01/23/14		2.42	---	95.77		
		08/28/14		7.38	---	90.81		
		12/22/14		3.72	---	94.47		
		09/30/15		2.93	---	95.26		
		10/08/19		8.01		90.18		
MW-31	08/25/08	08/25/08	98.12	7.59	---	90.53	15	5-15
		03/05/09		7.41	---	90.71		
		10/13/10		8.48	---	89.64		
		02/29/12		10.22	---	87.90		
		07/18/13		5.34	---	92.78		
		01/23/14		8.19	---	89.93		
		08/28/14		7.30	---	90.82		
		12/22/14		8.47	---	89.65		
		09/30/15		8.13	---	89.99		
		10/08/19		8.03		90.09		
MW-32	08/25/08	08/25/08	99.11	8.52	---	90.59	15	5-15
		03/05/09		7.98	---	91.13		
		10/13/10		9.48	---	89.63		
		02/29/12		11.19	---	87.92		
		07/18/13		6.43	---	92.68		
		01/23/14		7.94	---	91.17		
		08/28/14		8.38	---	90.73		
		12/22/14		9.59	---	89.52		
		09/30/15		9.93	---	89.18		
		10/08/19		9.04		90.07		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-33	08/25/08	08/25/08	97.92	7.41	---	90.51	15	5-15
		03/05/09		6.34	---	91.58		
		10/13/10		8.32	---	89.60		
		02/29/12		9.90	---	88.02		
		07/18/13		5.24	---	92.68		
		01/23/14		6.74	---	91.18		
		08/28/14		7.18	---	90.74		
		12/22/14		8.28	---	89.64		
		09/30/15		8.73	---	89.19		
		10/08/19		7.86		90.06		
MW-34	03/03/09	03/03/09	100.73	8.80	---	91.93	15	5-15
		10/13/10		11.17	---	89.56		
		07/28/11		11.83	---	88.90		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.49	---	91.24		
		08/28/14		10.08	---	90.65		
		12/22/14		11.37	---	89.36		
		09/30/15		11.68	---	89.05		
		10/08/19		10.74		89.99		
MW-35	03/03/09	03/03/09	99.07	7.12	---	91.95	13	3-13
		10/13/10		9.46	---	89.61		
		07/28/11		10.12	---	88.95		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		7.82	---	91.25		
		08/28/14		8.38	---	90.69		
		12/22/14		9.62	---	89.45		
		09/30/15		9.96	---	89.11		
		10/08/19		9.04		90.03		
TW-1	03/06/08	03/07/08	100.22	9.55	---	90.67	41	36-41
		06/12/08		9.85	---	90.37		
		08/25/08		10.52	---	89.70		
		03/05/09		9.17	---	91.05		
		10/13/10		10.96	---	89.26		
		07/25/11		11.62	---	88.60		
		02/29/12		12.68	---	87.54		
		07/18/13		8.26	---	91.96		
		01/23/14		9.49	---	90.73		
		08/28/14		9.78	---	90.44		
		12/23/14		11.11	---	89.11		
		09/30/15		11.43	---	88.79		
		10/08/19		10.41		89.81		
TW-2	03/03/09	03/03/09	99.81	8.17	---	91.64	38	33-38
		10/13/10		10.39	---	89.42		
		07/25/11		11.09	---	88.72		
		02/29/12		11.95	---	87.86		
		07/18/13		7.56	---	92.25		
		01/23/14		8.77	---	91.04		
		08/28/14		9.24	---	90.57		
		12/23/14		10.53	---	89.28		
		09/30/15		10.71	---	89.10		
		10/08/19		9.84		89.97		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
TW-3	03/03/09	03/05/09	100.95	9.49	---	91.46	40	35-40
		10/13/10		11.58	---	89.37		
		07/25/11		12.07	---	88.88		
		02/29/12		11.92	---	89.03		
		07/18/13		8.68	---	92.27		
		01/23/14		10.32	---	90.63		
		08/28/14		10.37	---	90.58		
		12/23/14		11.81	---	89.14		
		09/30/15		11.90	---	89.05		
		10/08/19		11.03		89.92		
RW-1	06/25/12	12/23/14	102.56	11.12	---	91.11	20	5-20
RW-2	06/25/12	12/23/14	102.23	10.78	---	91.45	20	5-20

Notes:
- Top of casing elevations relative to a temporary benchmark with an assumed datum of 100.00 feet; data reported in feet.
- Ground water elevations corrected for presence of free product with an assumed density of 0.8581, if present.

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-1	09/24/03	**175**	265	**773**	4,000	<1.0	**436**	NR	**1.69**	NR	**191**
	08/28/07	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/06/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	06/12/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	08/26/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/05/09	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	10/13/10	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/25/11	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	02/29/12	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/18/13	**1,620**	**7,760**	**1,800**	**14,500**	<21	**975**	<22	<0.0095	NR	NR
	01/23/14	**3,630**	**10,600**	**5,530**	**19,400**	<40	**6,180**	<48	**1.7**	NR	NR
	08/28/14	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	12/23/14	**22.4**	84.1	9.4 J	1,790	<4.0	**142**	<4.8	**0.44**	NR	NR
	09/30/15	**913**	**6,360**	**1,040**	**10,700**	<30	**291 J**	<20	**0.083**	NR	NR
	10/08/19	**1,810**	**2,650**	**1,320**	9,770	<11	**719**	**33.0 J**	**0.51**	NR	NR
MW-1 DUP A	10/08/19	**2,050**	**2,370**	**1,240**	7,700	<5.7	**719**	**43.4**	**0.66**	NR	NR
MW-2	09/24/03	**274**	38.7	**753**	1,530	<1.0	**167**	NR	<0.02	NR	**305**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	**18.3**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR	NR
MW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**211**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	<5.00
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-4	03/06/08	**294**	12.1	231	380	<10	**82.6**	<1.0	<0.010	NR	**428**
	06/12/08	**242**	4.75 I	206	193	<0.60	12.9	NR	<0.85	<2.9	NR
	08/26/08	**97.2**	<0.076	71.8	81	0.299 JI	5.66	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**68**	<1.7	15	13	0.53 J	4.0 J	**5.3**	NR	NR	NR
	07/25/11	**17.0**	0.30 J	3.5	2.2 J	<0.34	1.1 J	0.42 J	<0.010	NR	NR
	07/18/13	3.4	2.7	1.0	42.4	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/28/14	0.37 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	1.6	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/09/19	**11.4**	<0.30	<0.36	<0.72	0.35 J	<1.0	3.7	<0.0094	NR	NR
MW-5	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**302**
	06/12/08	<0.31	<0.28	1.03	2.17 I	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
MW-6	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**308**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
MW-7	03/06/08	1.10	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**1,250**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-8	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**189**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0089	NR	NR
MW-9	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**376**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-10	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**267**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-11	03/06/08	**25.4**	1.83	31.1	45.9	<1.0	23.3	<1.0	<0.010	NR	**390**
	06/12/08	**18.4**	3	26.9	105	<0.12	6.91	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	5.0	<1.7	4.1 J	13	<0.40	2.5 J	<0.30	<0.0061	NR	NR
	07/25/11	3.2	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	0.30 J	<0.20	<0.29	1.2 J	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**5.6**	0.71 J	8.7	21.4	<0.20	5.6	0.51 J	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	0.58 J	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	0.63 J	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-12	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**699**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	0.34 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.35 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	2.4	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-13	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**346**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-14	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**667**
	06/12/08	0.310 I	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-15	03/07/08	**237**	402	404	2,050	<20	**174**	<20	**0.117**	NR	**153**
	06/12/08	**590**	**1,430**	**791**	4,950	<2.4	**107**	NR	<3.4	7.14 I	NR
	08/26/08	**143**	127	71.2	332	<0.15	24.4	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**180**	15	220	140	<0.40	**36**	<0.30	**0.076**	NR	NR
	07/25/11	**260**	8.9	212	70.1	<1.7	**36.0**	**7.8**	0.017 J	NR	NR
	03/02/12	**136**	**1,040**	318	1,990	<0.34	**31.7**	**5.3**	**0.057**	NR	NR
	07/18/13	**25.4**	15.4	18.6	119	<0.21	5.9	1.3	<0.0094	NR	NR
	01/23/14	2.9	7.8	3.5	60.2	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**31.7**	11.0	56.8	226	<0.20	23.0	2.0	<0.0096	NR	NR
	12/22/14	**8.0**	2.5	15.2	37.5	<0.20	6.9	1.2	<0.0095	NR	NR
	09/30/15	**29.0**	1.5	42.8	8.8	<0.30	**35.5**	2.7	<0.0094	NR	NR
	10/08/19	3.5	4.2	3.9	6.0	<0.23	5.2	<0.31	<0.0092	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-15 DUP	03/02/12	**145**	907	322	1,890	<3.4	**30.1 J**	4.7 J	**0.067**	NR	NR
	07/18/13	**22.4**	18.5	26.0	163	<0.21	5.7	1.3	<0.0097	NR	NR
	01/23/14	2.4	6.0	2.0	48.8	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**29.1**	10.5	55.7	206	<0.20	20.6	1.9	<0.0095	NR	NR
	12/22/14	3.0	0.83 J	2.7	21.3	<0.20	1.6 J	0.91 J	<0.0096	NR	NR
	09/30/15	**18.2**	2.4	30.9	19.7	<0.30	23.8	2.1	<0.0097	NR	NR
MW-16	03/07/08	<1.0	<1.0	<1.0	3.7	<1.0	4.15	<1.0	<0.010	NR	**313**
	06/12/08	0.350 I	1.78	0.580 I	2.69	<0.12	0.710 I	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.45 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	0.77 J	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-17	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**23.7**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.48 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-18	03/07/08	<1.0	<1.0	<1.0	4.42	<1.0	<1.0	<1.0	<0.010	NR	**891**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	3.83 I	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	1.4	<0.28	1.1 J	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-19	06/12/08	**20.5**	3.38	42.2	214	<0.12	**25.4**	1.01	<0.17	<2.9	NR
	08/26/08	**46.4**	19.2 JI	72.4	493	<0.39	**39.8**	NR	NR	NR	NR
	03/05/09	**38.7**	5.8	83.5	286.9	<5.0	**47.2**	NR	NR	NR	NR
	10/13/10	**23**	13	50	380	<0.40	**32**	<0.30	0.028	NR	NR
	07/25/11	3.5	0.5 J	0.43 J	7.8	<0.34	2.5 J	0.54 J	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	0.29 J	2.1	2.0	25.2	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	0.47 J	3.3	0.78 J	36.6	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	4.0	19.6	22.2	274	<0.40	<2.0	<0.48	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-19 DUP	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0092	NR	NR
MW-20	06/12/08	**1,180**	**10,400**	**2,870**	**15,400**	<12	**349**	**12.0 I**	<17	5.07 I	NR
	08/26/08	**1,340**	**17,600**	**4,070**	**23,600**	<7.7	**921**	NR	NR	NR	NR
	03/05/09	**1,200**	**8,400**	**2,160**	**11,380**	<5.0	**613**	NR	NR	NR	NR
	10/13/10	**380**	930	**880**	5,600	<8.0	**140**	<6.0	**0.60**	NR	NR
	07/25/11	**665**	**1,910**	**1,180**	4,640	<6.8	**174**	**10.3 J**	**0.19**	NR	NR
	03/02/12	**325**	788	368	2,030	<3.4	**63.6**	**7.2 J**	<0.0093	NR	NR
	07/18/13	**647**	420	**1,590**	7,020	<11	**98.0 J**	<11	**0.089**	NR	NR
	01/23/14	**426**	441	**943**	4,540	<4.0	**112**	**5.4 J**	**0.12**	NR	NR
	08/29/14	**436**	**1,090**	**1,920**	**12,000**	<10	**244 J**	<12	**0.27**	NR	NR
	12/22/14	**152**	36.4	480	2,250	<2.0	**68.8**	<2.4	**0.15**	NR	NR
	09/30/15	**211**	39.7	681	3,420	<6.0	**99.7 J**	<4.0	**0.073**	NR	NR
	10/09/19	**272**	64.6	**1,440**	4,800	<4.6	**286**	<6.2	<0.0094	NR	NR
MW-20 DUP	07/18/13	**606**	450	**1,760**	8,420	<11	**130 J**	<11	<0.0096	NR	NR
	01/23/14	**457**	342	**846**	3,520	<4.0	**78.5 J**	<4.8	**0.14**	NR	NR
	08/28/14	**432**	**1,090**	**2,040**	**12,600**	<10	**322**	<12	**0.30**	NR	NR
	12/22/14	**173**	45.2	527	2,490	<0.20	**86.4**	2.0	**0.097**	NR	NR
	09/30/15	**7.2**	1.1	23.5	107	<0.30	2.6 J	<0.20	**0.060**	NR	NR
MW-21	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0063	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
MW-22	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	10/08/19	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
MW-23	06/12/08	**5.58**	<0.28	<0.31	1.28 I	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**66.0**	0.27 J	<0.28	2.1 J	<0.20	3.4 J	1.6	<0.0096	NR	NR
	12/22/14	0.53 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	**83.7**	<0.80	0.70 J	1.2 J	<0.60	<2.0	<0.40	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-24	06/12/08	**7,150**	**56,000**	**20,500**	**104,000**	<1,000	**4,310**	<120	<170	**489**	NR
	08/26/08	**8,370**	**31,700**	**6,440**	**40,800**	<31	**3,590**	NR	NR	NR	NR
	03/05/09	**5,300**	**14,700**	**1,650**	**10,340**	<500	**502**	NR	NR	NR	NR
	10/13/10	**7,600**	**21,000**	**1,700**	**14,000**	<40	**630**	**370 J**	**220**	NR	NR
	07/25/11	**11,500**	**25,100**	**2,030**	**11,700**	<170	<500	**241 J**	**85.5**	NR	NR
	03/02/12	**3,340**	**5,770**	440	6,330	<34	**281 J**	**31.6 J**	**7.0**	NR	NR
	07/18/13	**2,700**	**5,950**	**756**	7,150	<11	**170 J**	**37.3 J**	**34.9**	NR	NR
	01/23/14	**4,120**	**19,100**	**1,270**	**16,700**	<40	**325 J**	**51.6 J**	**44.1**	NR	NR
	08/29/14	**5,610**	**21,700**	**1,950**	**17,900**	<50	**794 J**	**126 J**	**44.4**	NR	NR
	12/22/14	**1,830**	**5,120**	356	7,090	<1.0	**530 J**	**66.1**	**30.4**	NR	NR
	09/30/15	**4,230**	**12,800**	**870**	**11,800**	<30	**1,290**	**104**	**16.0**	NR	NR
	10/08/19	**2,760**	**10,100**	699	8,310	<46	**276 J**	<62	**0.47**	NR	NR
MW-24 DUP B	03/02/12	**3,220**	**3,870**	437	5,550	<17	**264**	**28.3 J**	**4.9**	NR	NR
	07/18/13	**3,100**	**11,400**	**809**	9,990	<4.2	**310**	**44.8**	**40.5**	NR	NR
	10/08/19	**2,870**	**10,300**	**724**	9,710	<11	**216 J**	**43.8 J**	**0.43**	NR	NR
MW-25	08/26/08	**1,000**	250	**808**	2,680	<1.5	**178**	<1.8	<0.0059	<2.9	**439**
	03/05/09	**108**	108	94.6	225.5	<5.0	13.7	NR	NR	NR	NR
	10/13/10	**22**	2.4 J	16	43	<0.40	2.6 J	<0.30	<0.0061	NR	NR
	07/25/11	**9.8**	0.30J	4.6	6.0	<0.34	1.0J	<0.20	<0.0094	NR	NR
	03/02/12	**645**	952	610	2,100	<3.4	**129**	<2.0	<0.0094	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	10/09/19	**115**	0.50 J	112	48.8	<0.23	**40.1**	<0.31	<0.0094	NR	NR
MW-26	08/26/08	0.560 JI	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**752**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-27	08/26/08	**620**	902	610	3,040	<1.5	**201**	<1.8	**0.143**	<2.9	**604**
	03/05/09	**978**	691	426	1,496	<25.0	**125**	NR	NR	NR	NR
	10/13/10	**310**	49	140	270	<0.40	24	**9.8**	**0.083**	NR	NR
	07/25/11	**1,320**	145	329	1,020	<6.8	**59.8 J**	<4.0	<0.0096	NR	NR
	03/02/12	**617**	43.2	53.9	209	<0.34	13.6	3.1	<0.0094	NR	NR
	07/18/13	**117**	174	154	473	<0.42	2.5 J	2.1	<0.0095	NR	NR
	01/23/14	**46.5**	97.4	61.5	186	<0.20	1.2 J	0.58 J	<0.0095	NR	NR
	08/28/14	**123**	191	179	524	<1.0	<5.0	2.1 J	<0.0095	NR	NR
	12/22/14	**7.3**	1.0	0.59 J	10.9	<0.20	<1.0	0.50 J	<0.0097	NR	NR
	09/30/15	**99.2**	9.0	56.3	52.2	<0.30	5.6	1.4	<0.0095	NR	NR
	10/09/19	**412**	4.5	75.9	238	<0.46	**36.0**	1.8 J	<0.0094	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-28	08/26/08	**409**	19.8 JI	190	654	<0.77	**78.5**	<0.90	<0.0059	<2.9	**553**
	03/05/09	**43.1**	<5.0	16.7	42.1	<5.0	7.4	NR	NR	NR	NR
	10/13/10	4.8 J	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0075	NR	NR
	07/25/11	**5.5**	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	**20.9**	<0.40	2.3	2.9 J	<0.68	<2.0	<0.40	NA	NR	NR
	07/18/13	0.32 J	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	**6.0**	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	1.6	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	**7.2**	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	**28.9**	<0.30	1.2	1.3 J	<0.23	1.1 J	<0.31	<0.0094	NR	NR
MW-29	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**390**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-30	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**49.6**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	1.1	<0.20	0.32 J	1.6 J	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	0.99 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
MW-31	08/26/08	0.512 JI	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**616**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-32	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**2,270**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0062	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-33	08/26/08	3.01 JI	<0.076	2.76 JI	3.52 JI	<0.077	<0.12	1.47 JI	<0.0059	<2.9	**690**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
MW-34	03/06/09	**15.0**	<5.0	<5.0	<15.0	<5.0	**45.7**	<5.0	<0.019	NR	NR
	10/13/10	**19**	1.9 J	<1.7	4.5 J	<0.40	**28**	<0.30	<0.0061	NR	NR
	07/28/11	**50.7**	4.7	17.3	12.6	<0.34	**98.0**	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-34 DUP	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR	NR
MW-35	03/06/09	<5.0	<5.0	28.8	108.8	<5.0	**30.9**	<5.0	<0.019	NR	NR
	10/13/10	**5.2**	<1.7	110	28	<0.40	**56**	<0.30	<0.0061	NR	NR
	07/28/11	**6.7**	<0.20	1.7	1.4J	<0.34	**33.7**	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	0.46 J	8.1	47.8	<0.20	2.6 J	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	1.2	1.5 J	<0.20	8.1	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
TW-1	03/07/08	<1.0	3.38	2.54	14.7	<1.0	1.90	<1.0	<0.010	NR	**22.3**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	0.42 J	<0.20	0.94 J	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
TW-2	03/06/09	<5.0	24.4	7.4	41	<5.0	5.6	<5.0	<0.020	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR	NR
TW-3	03/06/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<0.019	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0059	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0091	NR	NR
RW-1	12/22/14	**37.0**	95.5	3.6 J	1,340	<1.0	**37.6**	<1.2	**0.083**	NR	NR
RW-2	12/22/14	**33.4**	150	<1.4	1,450	<1.0	**41.8**	<1.2	0.044	NR	NR
Field Blank	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	<0.21	0.30 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0093	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	0.22 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
Trip Blank	02/29/12	NR	NR	NR	NR	NR	NR	NR	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	NR	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	NR	NR	NR
	01/23/14	<0.24	0.26 J	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	NR	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	NR	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-1	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**50.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	**66.9**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**16.6**
	06/12/08	<0.31	0.810 IV	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-2	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	8.0
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	11.3
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR
WSW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**20.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	<5.00
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-4	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	10.0
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	0.490 I	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-5	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	6.60
	03/07/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/29/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
WSW-6 DUP	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES
CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-7	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR
WSW-8	08/25/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
WSW Field Blank	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
WSW Trip Blank	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NR	NR	NR

Notes:
- Analyses for volatile organic compounds by EPA Method 8260B; total & filtered lead by EPA Method 6010B; EDB by Method 8011; results reported in µg/L.
- RBSL: May 2001 Risk Based Screening Level.
- Concentrations in bold face type exceeded the RBSL.
- <: Less than the method detection limit specified in the laboratory report.
- I, J: Estimated value; between the MDL and PQL.
- V: Present in laboratory blank.
- NS: Not sampled.
- NR: Not requested.
- NF: Not found.
- FP: Free Product

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-1	07/25/11	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	02/29/12	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/18/13	30.8 J	<2,000	<2,100	<55	<500	<49	<470	<500
	01/23/14	64.8 J	<760	<4,600	<40	<1,500	<44	<1,800	<810
	08/28/14	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	12/23/14	4.6 J	<76	<460	<4.0	<150	<4.4	<180	<81
	09/30/15	<20	<1,000	<3,500	<20	<810	<22	<540	<400
	10/08/19	58.0	<500	<4,100	<12	**2,100**	<12	<270	<250
MW-1 DUP A	10/08/19	71.4	<250	<2,000	<5.9	**2,660**	<6.1	<130	<130
MW-2	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-3	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-4	07/25/11	7.0	<25	<25	<0.31	102	<0.39	18.4 J	<5.0
	07/18/13	1.6	<20	<21	<0.55	37.1	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	47.0	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	7.5 J	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	0.45 J	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	12.1	<10	<82	<0.24	**318**	<0.24	10.0 J	<5.0
MW-5	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-6	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-7	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-8	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-9	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-10	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-11	07/25/11	1.1	<25	78.6J	<0.31	22.1	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	0.72 J	<3.8	<23	<0.20	23.3	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	0.97 J	<10	<35	<0.20	16.5 J	<0.22	<5.4	<4.0
	10/09/19	0.77 J	<10	<82	<0.24	34.5	<0.24	<5.3	<5.0
MW-12	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-13	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-14	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-15	07/25/11	14.6	<130	<130	<1.6	**413**	<2.0	<15	<25
	03/02/12	10.8	<25	<25	<0.31	**754**	<0.39	<3.0	<5.0
	07/18/13	2.4	<20	<21	<0.55	76.2	<0.49	<4.7	<5.0
	01/23/14	0.29 J	<3.8	<23	<0.20	11.2 J	<0.22	<8.8	<4.0
	08/29/14	3.8	<3.8	<23	<0.20	147	<0.22	<8.8	<4.0
	12/22/14	3.0	<3.8	<23	<0.20	107	<0.22	12.8 J	<4.0
	09/30/15	6.5	<10	<35	<0.20	231	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	7.8 J	<0.24	<5.3	<5.0
MW-15 DUP	03/02/12	9.6J	<250	<250	<3.1	562	<3.9	<30	<50
	07/18/13	2.8	<20	<21	<0.55	96.3	<0.49	<4.7	<5.0
	01/23/14	0.26 J	<3.8	<23	<0.20	9.2 J	<0.22	<8.8	<4.0
	08/29/14	3.6	<3.8	<23	<0.20	164	<0.22	<8.8	<4.0
	12/22/14	2.1	<3.8	<23	<0.20	68.9	<0.22	9.5 J	<4.0
	09/30/15	5.4	<10	<35	<0.20	174	<0.22	<5.4	<4.0
MW-16	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-17	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
MW-18	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-19	07/25/11	1.2	<25	<25	<0.31	27.1	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	0.89 J	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-19 DUP	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
MW-20	07/25/11	12.1J	<500	<500	<6.2	**454**	<7.8	<60	<100
	03/02/12	9.5J	<250	<250	<3.1	**589**	<3.9	<30	<50
	07/18/13	<13	<1,000	<1,100	<28	**308 J**	<24	<240	<250
	01/23/14	6.0 J	<76	<460	<4.0	<350	<4.4	<180	<81
	08/29/14	<11	<190	<1,200	<10	<370	<11	<440	<200
	12/22/14	<2.3	<38	<230	<2.0	197 J	<2.2	<88	<40
	09/30/15	<4.0	<200	<700	<4.0	<160	<4.4	<110	<80
	10/09/19	<4.8	<200	<1,600	<4.7	185 J	<4.9	<110	<100
MW-20 DUP	07/18/13	<13	<1,000	<1,100	<28	**405 J**	<24	<240	<250
	01/23/14	7.0 J	<76	<460	<4.0	**325 J**	<4.4	<180	<81
	08/28/14	<11	<190	<1,200	<10	<370	<11	<440	<200
	12/22/14	2.4	<3.8	<23	<0.20	218	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-21	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	NF	NF	NF	NF	NF	NF	NF	NF
MW-22	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	NF	NF	NF	NF	NF	NF	NF	NF
	10/08/19	NF	NF	NF	NF	NF	NF	NF	NF
MW-23	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	7.7	<3.8	<23	<0.20	70.6	<0.22	<8.8	<4.0
	12/22/14	0.54 J	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	11.2	<20	<70	<0.40	183	<0.44	<11	<8.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
MW-24	07/25/11	**560**	<13,000	<13,000	<160	**16,200**	<200	<1,500	<2,500
	03/02/12	100	<2,500	<2,500	<31	**3,040**	<39	<300	<500
	07/18/13	83.0	<1,000	<1,100	<28	**1,140**	<24	<240	<250
	01/23/14	111 J	<760	<4,600	<40	<1,500	<44	<1,800	<810
	08/29/14	**185 J**	<950	<5,800	<50	**7,730**	<55	<2,200	<1,000
	12/22/14	121	<19	<120	<1.0	**8,630**	<1.1	81.9 J	<20
	09/30/15	**247**	<1,000	<3,500	<20	**11,600**	<22	<540	<400
	10/08/19	78.1 J	<2,000	<16,000	<47	**4,020**	<49	<1,100	<1,000
MW-24 DUP B	03/02/12	100	<1,300	<1,300	<16	**3,080**	<20	<150	<250
	07/18/13	101	<400	<420	<11	**1,190**	<9.7	<95	<100
	10/08/19	81.6	<500	<4,100	<12	**4,580**	<12	<270	<250
MW-25	07/25/11	<0.35	<25	<25	<0.31	5.1J	<0.39	<3.0	<5.0
	03/02/12	14.3	<250	<250	<3.1	**823**	<3.9	<30	<50
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS
	08/28/14	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS
	10/09/19	1.6	<10	<82	<0.24	85.9	<0.24	<5.3	<5.0
MW-26	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-27	07/25/11	95.6	<500	<500	<6.2	**1,410**	<7.8	<60	<100
	03/02/12	90.0	<25	<25	<0.31	**3,150**	<0.39	<3.0	<5.0
	07/18/13	14.1	<40	<42	<1.1	173	<0.97	72.4	<10
	01/23/14	2.8	<3.8	<23	<0.20	154	<0.22	<8.8	<4.0
	08/28/14	7.4	<19	<120	<1.0	96.5 J	<1.1	68.0 J	<20
	12/22/14	6.3	<3.8	<23	<0.20	141	<0.22	28.1	<4.0
	09/30/15	18.7	<10	<35	<0.20	**338**	<0.22	<5.4	<4.0
	10/09/19	46.5	<20	<160	<0.47	**1,070**	<0.49	<11	<10
MW-28	07/25/11	0.87 J	<25	<25	<0.31	21.7	<0.39	<3.0	<5.0
	03/01/12	2.4	<50	<50	<0.62	122	<0.78	<6.0	<10
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	1.0	<3.8	<23	<0.20	92.2	<0.22	<8.8	<4.0
	12/22/14	0.81 J	<3.8	<23	<0.20	101	<0.22	11.6 J	<4.0
	09/30/15	1.8	<10	<35	<0.20	109	<0.22	<5.4	<4.0
	10/08/19	0.86 J	<10	<82	<0.24	78.5	<0.24	<5.3	<5.0
MW-29	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-30	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	5.0 J	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-31	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-32	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-33	03/01/12	0.49 J	<25	<25	<0.31	7.6J	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-34	07/28/11	0.93 J	<25	<25	<0.31	205	<0.39	13.7J	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-34 DUP	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-35	07/28/11	<0.35	<25	<25	<0.31	25.8	<0.39	7.2 J	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
TW-1	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
TW-2	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
TW-3	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
RW-1	12/22/14	<1.1	<19	<120	<1.0	<37	<1.1	<44	<20
RW-2	12/22/14	1.2 J	<19	<120	<1.0	46.5 J	<1.1	<44	<20
Field Blank	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
Trip Blank	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
WSW-1	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
WSW-2	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW-3	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW-4	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW-6 duplicate	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW-7	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW-8	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW Field Blank	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW Trip Blank	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0

- Analyses for selected oxygenates by EPA Method 8260B; results reported in µg/l.
- <: Less than the report limit specified in the laboratory report.
- FP: Free product.
- NS: Not sampled.

APPENDICES

APPENDIX A

Laboratory Analytical Report – Ground Water Samples

SGS

Orlando, FL

10/23/19

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

GRI (Geological Resources Inc.)

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

08825/2001

SGS Job Number: FA68862

Sampling Dates: 10/08/19 - 10/09/19

Report to:

GRI (Geological Resources Inc.)

wsb@geologicalresourcesinc.com

ATTN: Scott Ball

Total number of pages in report: 157

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Caitlin Brice, M.S.
General Manager

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

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Test results relate only to samples analyzed.

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Sample Summary

GRI (Geological Resources Inc.)

Job No: FA68862

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA68862-1	10/08/19	13:07	CBM	10/10/19	AQ	Ground Water	08825 MW-1
FA68862-2	10/08/19	08:53	CBM	10/10/19	AQ	Ground Water	08825 MW-2
FA68862-3	10/09/19	10:58	CBM	10/10/19	AQ	Ground Water	08825 MW-3
FA68862-4	10/09/19	11:00	CBM	10/10/19	AQ	Ground Water	08825 MW-4
FA68862-5	10/08/19	14:18	CBM	10/10/19	AQ	Ground Water	08825 MW-5
FA68862-6	10/08/19	15:19	CBM	10/10/19	AQ	Ground Water	08825 MW-6
FA68862-7	10/09/19	10:42	CBM	10/10/19	AQ	Ground Water	08825 MW-7
FA68862-8	10/08/19	13:00	CBM	10/10/19	AQ	Ground Water	08825 MW-8
FA68862-9	10/08/19	13:38	CBM	10/10/19	AQ	Ground Water	08825 MW-9
FA68862-10	10/09/19	10:33	CBM	10/10/19	AQ	Ground Water	08825 MW-10
FA68862-11	10/09/19	09:38	CBM	10/10/19	AQ	Ground Water	08825 MW-11
FA68862-12	10/09/19	09:37	CBM	10/10/19	AQ	Ground Water	08825 MW-12

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA68862

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA68862-13	10/09/19	08:57	CBM	10/10/19	AQ	Ground Water	08825 MW-13
FA68862-14	10/09/19	09:04	CBM	10/10/19	AQ	Ground Water	08825 MW-14
FA68862-15	10/08/19	16:12	CBM	10/10/19	AQ	Ground Water	08825 MW-15
FA68862-16	10/08/19	15:01	CBM	10/10/19	AQ	Ground Water	08825 MW-16
FA68862-17	10/08/19	16:23	CBM	10/10/19	AQ	Ground Water	08825 MW-18
FA68862-18	10/08/19	16:42	CBM	10/10/19	AQ	Ground Water	08825 MW-19
FA68862-19	10/09/19	11:25	CBM	10/10/19	AQ	Ground Water	08825 MW-20
FA68862-20	10/08/19	13:50	CBM	10/10/19	AQ	Ground Water	08825 MW-24
FA68862-21	10/09/19	11:47	CBM	10/10/19	AQ	Ground Water	08825 MW-25
FA68862-22	10/08/19	10:48	CBM	10/10/19	AQ	Ground Water	08825 MW-26
FA68862-23	10/09/19	11:40	CBM	10/10/19	AQ	Ground Water	08825 MW-27
FA68862-24	10/08/19	15:54	CBM	10/10/19	AQ	Ground Water	08825 MW-28
FA68862-25	10/09/19	08:24	CBM	10/10/19	AQ	Ground Water	08825 MW-29

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA68862

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA68862-26	10/08/19	14:27	CBM	10/10/19	AQ	Ground Water	08825 MW-30
FA68862-27	10/09/19	09:59	CBM	10/10/19	AQ	Ground Water	08825 MW-31
FA68862-28	10/09/19	10:19	CBM	10/10/19	AQ	Ground Water	08825 MW-32
FA68862-29	10/09/19	10:10	CBM	10/10/19	AQ	Ground Water	08825 MW-33
FA68862-30	10/09/19	08:31	CBM	10/10/19	AQ	Ground Water	08825 MW-34
FA68862-31	10/08/19	17:05	CBM	10/10/19	AQ	Ground Water	08825 MW-35
FA68862-32	10/08/19	09:55	CBM	10/10/19	AQ	Ground Water	08825 TW-1
FA68862-33	10/08/19	12:01	CBM	10/10/19	AQ	Ground Water	08825 TW-2
FA68862-34	10/08/19	12:52	CBM	10/10/19	AQ	Ground Water	08825 TW-3
FA68862-35	10/08/19	00:00	CBM	10/10/19	AQ	Ground Water	08825 DUP A
FA68862-36	10/08/19	00:00	CBM	10/10/19	AQ	Ground Water	08825 DUP B
FA68862-37	10/08/19	08:30	CBM	10/10/19	AQ	Field Blank Water	08825 FIELD BLANK
FA68862-38	10/08/19	07:30	CBM	10/10/19	AQ	Trip Blank Water	08825 TRIP BLANK

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA68862

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA68862-39	10/08/19	13:56	CBM	10/10/19	DW	Drinking Water	08825 WSW-2
FA68862-40	10/08/19	14:21	CBM	10/10/19	DW	Drinking Water	08825 WSW-3
FA68862-41	10/08/19	13:30	CBM	10/10/19	DW	Drinking Water	08825 WSW-6
FA68862-42	10/08/19	13:45	CBM	10/10/19	AQ	Ground Water	08825 WSW-7
FA68862-43	10/08/19	13:10	CBM	10/10/19	AQ	Ground Water	08825 WSW-8
FA68862-44	10/08/19	00:00	CBM	10/10/19	AQ	Ground Water	08825 WSW-DUP C
FA68862-45	10/08/19	14:52	CBM	10/10/19	DW	Drinking Water FB	08825 WSW-FIELD BLANK
FA68862-46	10/08/19	07:31	CBM	10/10/19	DW	Drinking Water TB	08825 WSW-TRIP BLANK

Summary of Hits

Job Number: FA68862
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/08/19 thru 10/09/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA68862-1	**08825 MW-1**					
Benzene		1810	50	16	ug/l	SW846 8260B
Toluene		2650	50	15	ug/l	SW846 8260B
Ethylbenzene		1320	50	18	ug/l	SW846 8260B
Xylene (total)		9770	150	36	ug/l	SW846 8260B
Naphthalene		719	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		33.0 J	50	16	ug/l	SW846 8260B
Di-Isopropyl Ether		58.0	50	12	ug/l	SW846 8260B
Tert-Amyl Alcohol		2100	1000	260	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.51	0.075	0.037	ug/l	SW846 8011
FA68862-2	**08825 MW-2**					
No hits reported in this sample.						
FA68862-3	**08825 MW-3**					
No hits reported in this sample.						
FA68862-4	**08825 MW-4**					
Benzene		11.4	1.0	0.31	ug/l	SW846 8260B
Methyl Tert Butyl Ether		0.35 J	1.0	0.23	ug/l	SW846 8260B
1,2-Dichloroethane		3.7	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		12.1	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		318	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		10.0 J	20	5.3	ug/l	SW846 8260B
FA68862-5	**08825 MW-5**					
No hits reported in this sample.						
FA68862-6	**08825 MW-6**					
No hits reported in this sample.						
FA68862-7	**08825 MW-7**					
No hits reported in this sample.						
FA68862-8	**08825 MW-8**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA68862
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/08/19 thru 10/09/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA68862-9	**08825 MW-9**					
No hits reported in this sample.						
FA68862-10	**08825 MW-10**					
No hits reported in this sample.						
FA68862-11	**08825 MW-11**					
Ethylbenzene		0.63 J	1.0	0.36	ug/l	SW846 8260B
Di-Isopropyl Ether		0.77 J	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		34.5	20	5.3	ug/l	SW846 8260B
FA68862-12	**08825 MW-12**					
No hits reported in this sample.						
FA68862-13	**08825 MW-13**					
No hits reported in this sample.						
FA68862-14	**08825 MW-14**					
No hits reported in this sample.						
FA68862-15	**08825 MW-15**					
Benzene		3.5	1.0	0.31	ug/l	SW846 8260B
Toluene		4.2	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		3.9	1.0	0.36	ug/l	SW846 8260B
Xylene (total)		6.0	3.0	0.72	ug/l	SW846 8260B
Naphthalene		5.2	5.0	1.0	ug/l	SW846 8260B
Tert-Amyl Alcohol		7.8 J	20	5.3	ug/l	SW846 8260B
FA68862-16	**08825 MW-16**					
Toluene		0.77 J	1.0	0.30	ug/l	SW846 8260B
FA68862-17	**08825 MW-18**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA68862
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/08/19 thru 10/09/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA68862-18	**08825 MW-19**					
No hits reported in this sample.						
FA68862-19	**08825 MW-20**					
Benzene		272	20	6.2	ug/l	SW846 8260B
Toluene		64.6	20	6.0	ug/l	SW846 8260B
Ethylbenzene		1440	20	7.1	ug/l	SW846 8260B
Xylene (total)		4800	75	18	ug/l	SW846 8260B
Naphthalene		286	100	20	ug/l	SW846 8260B
Tert-Amyl Alcohol		185 J	400	110	ug/l	SW846 8260B
FA68862-20	**08825 MW-24**					
Benzene		2760	200	62	ug/l	SW846 8260B
Toluene		10100	200	60	ug/l	SW846 8260B
Ethylbenzene		699	200	71	ug/l	SW846 8260B
Xylene (total)		8310	600	140	ug/l	SW846 8260B
Naphthalene		276 J	1000	200	ug/l	SW846 8260B
Di-Isopropyl Ether		78.1 J	200	48	ug/l	SW846 8260B
Tert-Amyl Alcohol		4020	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane [b]		0.47	0.019	0.0093	ug/l	SW846 8011
FA68862-21	**08825 MW-25**					
Benzene		115	10	3.1	ug/l	SW846 8260B
Toluene		0.50 J	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		112	10	3.6	ug/l	SW846 8260B
Xylene (total)		48.8	3.0	0.72	ug/l	SW846 8260B
Naphthalene		40.1	5.0	1.0	ug/l	SW846 8260B
Di-Isopropyl Ether		1.6	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		85.9	20	5.3	ug/l	SW846 8260B
FA68862-22	**08825 MW-26**					
No hits reported in this sample.						
FA68862-23	**08825 MW-27**					
Benzene		412	10	3.1	ug/l	SW846 8260B
Toluene		4.5	2.0	0.60	ug/l	SW846 8260B
Ethylbenzene		75.9	2.0	0.71	ug/l	SW846 8260B
Xylene (total)		238	6.0	1.4	ug/l	SW846 8260B
Naphthalene		36.0	10	2.0	ug/l	SW846 8260B

Summary of Hits

Job Number: FA68862
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/08/19 thru 10/09/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,2-Dichloroethane		1.8 J	2.0	0.62	ug/l	SW846 8260B
Di-Isopropyl Ether		46.5	2.0	0.48	ug/l	SW846 8260B
Tert-Amyl Alcohol		1070	40	11	ug/l	SW846 8260B
FA68862-24	**08825 MW-28**					
Benzene		28.9	1.0	0.31	ug/l	SW846 8260B
Ethylbenzene		1.2	1.0	0.36	ug/l	SW846 8260B
Xylene (total)		1.3 J	3.0	0.72	ug/l	SW846 8260B
Naphthalene		1.1 J	5.0	1.0	ug/l	SW846 8260B
Di-Isopropyl Ether		0.86 J	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		78.5	20	5.3	ug/l	SW846 8260B

FA68862-25 **08825 MW-29**

No hits reported in this sample.

FA68862-26 **08825 MW-30**

No hits reported in this sample.

FA68862-27 **08825 MW-31**

No hits reported in this sample.

FA68862-28 **08825 MW-32**

No hits reported in this sample.

FA68862-29 **08825 MW-33**

No hits reported in this sample.

FA68862-30 **08825 MW-34**

No hits reported in this sample.

FA68862-31 **08825 MW-35**

No hits reported in this sample.

FA68862-32 **08825 TW-1**

No hits reported in this sample.

Summary of Hits

Job Number: FA68862
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/08/19 thru 10/09/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA68862-33	**08825 TW-2**					
No hits reported in this sample.						
FA68862-34	**08825 TW-3**					
No hits reported in this sample.						
FA68862-35	**08825 DUP A**					
Benzene		2050	25	7.8	ug/l	SW846 8260B
Toluene		2370	25	7.5	ug/l	SW846 8260B
Ethylbenzene		1240	25	8.9	ug/l	SW846 8260B
Xylene (total)		7700	300	72	ug/l	SW846 8260B
Naphthalene		719	130	25	ug/l	SW846 8260B
1,2-Dichloroethane		43.4	25	7.8	ug/l	SW846 8260B
Di-Isopropyl Ether		71.4	25	6.0	ug/l	SW846 8260B
Tert-Amyl Alcohol		2660	500	130	ug/l	SW846 8260B
1,2-Dibromoethane [b]		0.66	0.019	0.0094	ug/l	SW846 8011
FA68862-36	**08825 DUP B**					
Benzene		2870	50	16	ug/l	SW846 8260B
Toluene		10300	200	60	ug/l	SW846 8260B
Ethylbenzene		724	50	18	ug/l	SW846 8260B
Xylene (total)		9710	150	36	ug/l	SW846 8260B
Naphthalene		216 J	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		43.8 J	50	16	ug/l	SW846 8260B
Di-Isopropyl Ether		81.6	50	12	ug/l	SW846 8260B
Tert-Amyl Alcohol		4580	1000	260	ug/l	SW846 8260B
1,2-Dibromoethane [b]		0.43	0.019	0.0095	ug/l	SW846 8011
FA68862-37	**08825 FIELD BLANK**					
No hits reported in this sample.						
FA68862-38	**08825 TRIP BLANK**					
No hits reported in this sample.						

(a) All hits confirmed by dual column analysis. Associated BS2 recovery outside control limits high.
(b) All hits confirmed by dual column analysis.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-1		
Lab Sample ID:	FA68862-1	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22192.D	50	10/15/19 14:10	CV	n/a	n/a	V1A897
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1810	50	16	ug/l	
108-88-3	Toluene	2650	50	15	ug/l	
100-41-4	Ethylbenzene	1320	50	18	ug/l	
1330-20-7	Xylene (total)	9770	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	11	ug/l	
91-20-3	Naphthalene	719	250	50	ug/l	
107-06-2	1,2-Dichloroethane	33.0	50	16	ug/l	J
108-20-3	Di-Isopropyl Ether	58.0	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	2100	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.1

Client Sample ID:	08825 MW-1		
Lab Sample ID:	FA68862-1	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD109313.D	4	10/17/19 08:54	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [b]	0.51	0.075	0.037	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	66%		63-137%

(a) All hits confirmed by dual column analysis.
(b) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.2

Client Sample ID:	08825 MW-2		
Lab Sample ID:	FA68862-2	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45661.D	1	10/12/19 18:42	AB	n/a	n/a	VY1858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-2		
Lab Sample ID:	FA68862-2	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109315.D	1	10/17/19 09:30	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.018	0.0092	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	75%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.3

Client Sample ID:	08825 MW-3		
Lab Sample ID:	FA68862-3	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45662.D	1	10/12/19 19:09	AB	n/a	n/a	VY1858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-3		
Lab Sample ID:	FA68862-3	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109284.D	1	10/16/19 21:29	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.4

Client Sample ID:	08825 MW-4		
Lab Sample ID:	FA68862-4	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45663.D	1	10/12/19 19:37	AB	n/a	n/a	VY1858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	11.4	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.35	1.0	0.23	ug/l	J
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	3.7	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	12.1	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	318	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	10.0	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-4		
Lab Sample ID:	FA68862-4	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109317.D	1	10/17/19 10:07	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	118%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-5		
Lab Sample ID:	FA68862-5	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45664.D	1	10/12/19 20:04	AB	n/a	n/a	VY1858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-5		
Lab Sample ID:	FA68862-5	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109293.D	1	10/17/19 00:13	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-6		
Lab Sample ID:	FA68862-6	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45665.D	1	10/12/19 20:32	AB	n/a	n/a	VY1858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-6		
Lab Sample ID:	FA68862-6	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109294.D	1	10/17/19 00:31	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-7		
Lab Sample ID:	FA68862-7	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45666.D	1	10/12/19 20:59	AB	n/a	n/a	VY1858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-7		
Lab Sample ID:	FA68862-7	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109295.D	1	10/17/19 00:49	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-8		
Lab Sample ID:	FA68862-8	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45667.D	1	10/12/19 21:27	AB	n/a	n/a	VY1858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	111%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-8		
Lab Sample ID:	FA68862-8	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109296.D	1	10/17/19 01:08	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	39.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.018	0.0089	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	80%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-9		
Lab Sample ID:	FA68862-9	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22136.D	1	10/14/19 11:44	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-9		
Lab Sample ID:	FA68862-9	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109297.D	1	10/17/19 01:26	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-10		
Lab Sample ID:	FA68862-10	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22137.D	1	10/14/19 12:10	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-10		
Lab Sample ID:	FA68862-10	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109300.D	1	10/17/19 02:20	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-11		
Lab Sample ID:	FA68862-11	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22138.D	1	10/14/19 12:35	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.63	1.0	0.36	ug/l	J
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.77	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	34.5	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.11

Client Sample ID:	08825 MW-11		
Lab Sample ID:	FA68862-11	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109301.D	1	10/17/19 02:38	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-12		
Lab Sample ID:	FA68862-12	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22139.D	1	10/14/19 13:01	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.12

Client Sample ID:	08825 MW-12		
Lab Sample ID:	FA68862-12	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109302.D	1	10/17/19 02:56	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-13		
Lab Sample ID:	FA68862-13	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22140.D	1	10/14/19 13:27	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-13		
Lab Sample ID:	FA68862-13	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109341.D	1	10/17/19 17:58	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	105%		63-137%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-14		
Lab Sample ID:	FA68862-14	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22141.D	1	10/14/19 13:53	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-14		
Lab Sample ID:	FA68862-14	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109304.D	1	10/17/19 03:33	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-15		
Lab Sample ID:	FA68862-15	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22142.D	1	10/14/19 14:19	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.5	1.0	0.31	ug/l	
108-88-3	Toluene	4.2	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	3.9	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	6.0	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	5.2	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	7.8	20	5.3	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-15		
Lab Sample ID:	FA68862-15	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 EPA 504.1	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD109323.D	1	10/17/19 12:20	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2 [b]	DD109335.D	1	10/17/19 16:04	NJ	10/17/19 13:00	OP77331	GDD3138

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2	36.7 ml	2.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [c]	ND	0.018	0.0092	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	40% [d]	42%	63-137%

(a) Confirmed by re-extraction and reanalysis.
(b) Confirmation run.
(c) Associated BS2 recovery outside control limits high.
(d) Outside control limits. Confirmed by reextraction and reanalysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-16		
Lab Sample ID:	FA68862-16	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22143.D	1	10/14/19 14:44	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	0.77	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-16		
Lab Sample ID:	FA68862-16	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 EPA 504.1	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD109324.D	1	10/17/19 12:38	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2 [b]	DD109336.D	1	10/17/19 16:23	NJ	10/17/19 13:00	OP77331	GDD3138

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2	37.8 ml	2.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [c]	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	46% [d]	59%	63-137%

(a) Confirmed by re-extraction and reanalysis.
(b) Confirmation run.
(c) Associated BS2 recovery outside control limits high.
(d) Outside control limits. Confirmed by reextraction and reanalysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.17

Client Sample ID:	08825 MW-18		
Lab Sample ID:	FA68862-17	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22144.D	1	10/14/19 15:10	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-18		
Lab Sample ID:	FA68862-17	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109307.D	1	10/17/19 04:27	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		63-137%

(a) Associated BS2 recovery outside control limits high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-19		
Lab Sample ID:	FA68862-18	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22145.D	1	10/14/19 15:36	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-19		
Lab Sample ID:	FA68862-18	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 EPA 504.1	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109337.D	1	10/17/19 16:41	NJ	10/17/19 13:00	OP77331	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	66%		63-137%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-20		
Lab Sample ID:	FA68862-19	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22148.D	20	10/14/19 16:54	CV	n/a	n/a	V1A895
Run #2	1A22189.D	25	10/15/19 12:52	CV	n/a	n/a	V1A897

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	272	20	6.2	ug/l	
108-88-3	Toluene	64.6	20	6.0	ug/l	
100-41-4	Ethylbenzene	1440	20	7.1	ug/l	
1330-20-7	Xylene (total)	4800 [a]	75	18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	4.6	ug/l	
91-20-3	Naphthalene	286	100	20	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	6.2	ug/l	
108-20-3	Di-Isopropyl Ether	ND	20	4.8	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	1000	200	ug/l	
64-17-5	Ethyl Alcohol	ND	4000	1600	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	40	4.7	ug/l	
75-85-4	Tert-Amyl Alcohol	185	400	110	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	40	4.9	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	400	110	ug/l	
762-75-4	Tert-Butyl Formate	ND	400	100	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	100%	79-125%
2037-26-5	Toluene-D8	99%	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	102%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.19

Client Sample ID:	08825 MW-20		
Lab Sample ID:	FA68862-19	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109326.D	1	10/17/19 13:15	NJ	10/15/19 10:00	OP77293	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	73%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-24		
Lab Sample ID:	FA68862-20	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22149.D	200	10/14/19 17:20	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2760	200	62	ug/l	
108-88-3	Toluene	10100	200	60	ug/l	
100-41-4	Ethylbenzene	699	200	71	ug/l	
1330-20-7	Xylene (total)	8310	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	200	46	ug/l	
91-20-3	Naphthalene	276	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	ND	200	62	ug/l	
108-20-3	Di-Isopropyl Ether	78.1	200	48	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	4020	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	4000	1100	ug/l	
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.20

Client Sample ID:	08825 MW-24		
Lab Sample ID:	FA68862-20	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD109403.D	1	10/21/19 14:56	NM	10/15/19 15:00	OP77297	GDD3140
Run #2							

	Initial Volume	Final Volume
Run #1	37.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.47	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	55% [b]		63-137%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits. Confirmed by batch QC. Insufficient sample to re-extract.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.21

Client Sample ID:	08825 MW-25		
Lab Sample ID:	FA68862-21	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22194.D	1	10/15/19 15:02	CV	n/a	n/a	V1A897
Run #2	1A22150.D	10	10/14/19 17:46	CV	n/a	n/a	V1A895

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	115 [a]	10	3.1	ug/l	
108-88-3	Toluene	0.50	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	112 [a]	10	3.6	ug/l	
1330-20-7	Xylene (total)	48.8	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	40.1	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	1.6	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	85.9	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	98%	79-125%
2037-26-5	Toluene-D8	95%	103%	85-112%
460-00-4	4-Bromofluorobenzene	104%	108%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.21

Client Sample ID:	08825 MW-25		
Lab Sample ID:	FA68862-21	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109347.D	1	10/17/19 19:48	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	83%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.22

Client Sample ID:	08825 MW-26		
Lab Sample ID:	FA68862-22	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22151.D	1	10/14/19 18:12	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.22

Client Sample ID:	08825 MW-26		
Lab Sample ID:	FA68862-22	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109349.D	1	10/17/19 20:24	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.23

Client Sample ID:	08825 MW-27		
Lab Sample ID:	FA68862-23	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22152.D	2	10/14/19 18:38	CV	n/a	n/a	V1A895
Run #2	1A22190.D	10	10/15/19 13:18	CV	n/a	n/a	V1A897

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	412 [a]	10	3.1	ug/l	
108-88-3	Toluene	4.5	2.0	0.60	ug/l	
100-41-4	Ethylbenzene	75.9	2.0	0.71	ug/l	
1330-20-7	Xylene (total)	238	6.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.46	ug/l	
91-20-3	Naphthalene	36.0	10	2.0	ug/l	
107-06-2	1,2-Dichloroethane	1.8	2.0	0.62	ug/l	J
108-20-3	Di-Isopropyl Ether	46.5	2.0	0.48	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	100	20	ug/l	
64-17-5	Ethyl Alcohol	ND	400	160	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	4.0	0.47	ug/l	
75-85-4	Tert-Amyl Alcohol	1070	40	11	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	4.0	0.49	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	40	11	ug/l	
762-75-4	Tert-Butyl Formate	ND	40	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	98%	79-125%
2037-26-5	Toluene-D8	102%	103%	85-112%
460-00-4	4-Bromofluorobenzene	104%	107%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.23

Client Sample ID:	08825 MW-27		
Lab Sample ID:	FA68862-23	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109350.D	1	10/17/19 20:43	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	83%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-28		
Lab Sample ID:	FA68862-24	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22153.D	1	10/14/19 19:03	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	28.9	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	1.2	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	1.3	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.1	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.86	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	78.5	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.24

Client Sample ID:	08825 MW-28		
Lab Sample ID:	FA68862-24	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109353.D	1	10/17/19 21:37	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	75%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.25

Client Sample ID:	08825 MW-29		
Lab Sample ID:	FA68862-25	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22154.D	1	10/14/19 19:29	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.25

Client Sample ID:	08825 MW-29		
Lab Sample ID:	FA68862-25	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109354.D	1	10/17/19 21:56	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	36.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.26

Client Sample ID:	08825 MW-30		
Lab Sample ID:	FA68862-26	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22155.D	1	10/14/19 19:55	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.26

Client Sample ID:	08825 MW-30		
Lab Sample ID:	FA68862-26	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109355.D	1	10/17/19 22:14	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-31		
Lab Sample ID:	FA68862-27	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22156.D	1	10/14/19 20:21	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.27

Client Sample ID:	08825 MW-31		
Lab Sample ID:	FA68862-27	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109356.D	1	10/17/19 22:32	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.28

Client Sample ID:	08825 MW-32		
Lab Sample ID:	FA68862-28	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22157.D	1	10/14/19 20:46	CV	n/a	n/a	V1A895
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-32		
Lab Sample ID:	FA68862-28	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109357.D	1	10/17/19 22:50	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	75%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.29

Client Sample ID:	08825 MW-33		
Lab Sample ID:	FA68862-29	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22173.D	1	10/15/19 03:38	CV	n/a	n/a	V1A896
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.29

Client Sample ID:	08825 MW-33		
Lab Sample ID:	FA68862-29	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109358.D	1	10/17/19 23:08	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-34		
Lab Sample ID:	FA68862-30	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22174.D	1	10/15/19 04:04	CV	n/a	n/a	V1A896
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-34		
Lab Sample ID:	FA68862-30	**Date Sampled:**	10/09/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109359.D	1	10/17/19 23:27	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	36.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	65%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-35		
Lab Sample ID:	FA68862-31	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22175.D	1	10/15/19 04:29	CV	n/a	n/a	V1A896
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.31

Client Sample ID:	08825 MW-35		
Lab Sample ID:	FA68862-31	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109360.D	1	10/17/19 23:45	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.6 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TW-1		
Lab Sample ID:	FA68862-32	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22176.D	1	10/15/19 04:55	CV	n/a	n/a	V1A896
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.32

Client Sample ID:	08825 TW-1		
Lab Sample ID:	FA68862-32	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109361.D	1	10/18/19 00:03	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.33

Client Sample ID:	08825 TW-2		
Lab Sample ID:	FA68862-33	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22177.D	1	10/15/19 05:21	CV	n/a	n/a	V1A896
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.33

Client Sample ID:	08825 TW-2		
Lab Sample ID:	FA68862-33	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109362.D	1	10/18/19 00:21	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	38.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.018	0.0092	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	76%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 TW-3		
Lab Sample ID:	FA68862-34	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1A22178.D	1	10/15/19 05:47	CV	n/a	n/a	V1A896
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TW-3		
Lab Sample ID:	FA68862-34	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109365.D	1	10/18/19 01:16	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	38.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.018	0.0091	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	68%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 DUP A		
Lab Sample ID:	FA68862-35	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45707.D	25	10/16/19 14:40	CV	n/a	n/a	VY1860
Run #2	1A22179.D	100	10/15/19 06:12	CV	n/a	n/a	V1A896

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2050	25	7.8	ug/l	
108-88-3	Toluene	2370	25	7.5	ug/l	
100-41-4	Ethylbenzene	1240	25	8.9	ug/l	
1330-20-7	Xylene (total)	7700 [a]	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	5.7	ug/l	
91-20-3	Naphthalene	719	130	25	ug/l	
107-06-2	1,2-Dichloroethane	43.4	25	7.8	ug/l	
108-20-3	Di-Isopropyl Ether	71.4	25	6.0	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	1300	250	ug/l	
64-17-5	Ethyl Alcohol	ND	5000	2000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	50	5.9	ug/l	
75-85-4	Tert-Amyl Alcohol	2660	500	130	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	50	6.1	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	500	130	ug/l	
762-75-4	Tert-Butyl Formate	ND	500	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	99%	79-125%
2037-26-5	Toluene-D8	93%	103%	85-112%
460-00-4	4-Bromofluorobenzene	95%	104%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 DUP A		
Lab Sample ID:	FA68862-35	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD109400.D	1	10/21/19 14:08	NM	10/15/19 15:00	OP77297	GDD3140
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.66	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 DUP B		
Lab Sample ID:	FA68862-36	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22180.D	50	10/15/19 06:38	CV	n/a	n/a	V1A896
Run #2	1A22191.D	200	10/15/19 13:44	CV	n/a	n/a	V1A897

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2870	50	16	ug/l	
108-88-3	Toluene	10300 [a]	200	60	ug/l	
100-41-4	Ethylbenzene	724	50	18	ug/l	
1330-20-7	Xylene (total)	9710	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	11	ug/l	
91-20-3	Naphthalene	216	250	50	ug/l	J
107-06-2	1,2-Dichloroethane	43.8	50	16	ug/l	J
108-20-3	Di-Isopropyl Ether	81.6	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	4580	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	100%	79-125%
2037-26-5	Toluene-D8	104%	103%	85-112%
460-00-4	4-Bromofluorobenzene	104%	105%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 DUP B		
Lab Sample ID:	FA68862-36	**Date Sampled:**	10/08/19
Matrix:	AQ - Ground Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD109405.D	1	10/21/19 15:27	NM	10/15/19 15:00	OP77297	GDD3140
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.43	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	68%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 FIELD BLANK		
Lab Sample ID:	FA68862-37	**Date Sampled:**	10/08/19
Matrix:	AQ - Field Blank Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A22164.D	1	10/14/19 23:46	CV	n/a	n/a	V1A896
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

3.3.7

Client Sample ID:	08825 FIELD BLANK		
Lab Sample ID:	FA68862-37	**Date Sampled:**	10/08/19
Matrix:	AQ - Field Blank Water	**Date Received:**	10/10/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD109368.D	1	10/18/19 02:10	NJ	10/15/19 15:00	OP77297	GDD3138
Run #2							

	Initial Volume	Final Volume
Run #1	37.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	79%		63-137%

(a) Associated CCV and BS outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TRIP BLANK		
Lab Sample ID:	FA68862-38	**Date Sampled:**	10/08/19
Matrix:	AQ - Trip Blank Water	**Date Received:**	10/10/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	1A22165.D	1	10/15/19 00:12	CV	n/a	n/a	V1A896
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Sample vial(s) contained bubbles greater than 6mm; reported results are considered minimum values.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Subcontract Lab Data

Report of Analysis

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

SGS North America Inc. - Orlando
4405 Vineland Rd
Suite C-15
Orlando, FL 32811
Attention: Muna Mohammed

Project Name: FA68862X

Lot Number:**UJ12039**

Date Completed:10/21/2019

10/23/2019 2:17 PM
Approved and released by:
Lab Director - Greenville: Lucas Odom

The electronic signature above is the equivalent of a handwritten signature.
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Case Narrative
SGS North America Inc. - Orlando
Lot Number: UJ12039

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This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary

SGS North America Inc. - Orlando

Lot Number: UJ12039

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	08825 WSW-2	Aqueous	10/08/2019 1356	10/12/2019
002	08825 WSW-3	Aqueous	10/08/2019 1421	10/12/2019
003	08825 WSW-6	Aqueous	10/08/2019 1330	10/12/2019
004	08825 WSW-7	Aqueous	10/08/2019 1345	10/12/2019
005	08825 WSW-8	Aqueous	10/08/2019 1310	10/12/2019
006	08825 WSW-DUP C	Aqueous	10/08/2019	10/12/2019
007	08825 WSW-FIELD BLANK	Aqueous	10/08/2019 1452	10/12/2019
008	08825 WSW-TRIP BLANK	Aqueous	10/08/2019 0731	10/12/2019
009	TB2	Aqueous	10/08/2019 0731	10/12/2019

(9 samples)

Detection Summary

SGS North America Inc. - Orlando

Lot Number: UJ12039

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(0 detections)

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **UJ12039-001**
Description: **08825 WSW-2**
Matrix: **Aqueous**
Date Sampled: **10/08/2019 1356**
Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/14/2019 1337	BWS		31920

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0 40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8 0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2 0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		94	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-001**

Description: **08825 WSW-2** Matrix: **Aqueous**

Date Sampled: **10/08/2019 1356**

Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/16/2019 1247	TML		32189

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524 2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0 50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0 40	ug/L	1
Toluene	108-88-3	524.2	ND		0 50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		79	70-130
1,2-Dichlorobenzene-d4		86	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-2**
Date Sampled: **10/08/2019 1356**
Date Received: **10/12/2019**

Laboratory ID: **UJ12039-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/21/2019 1234	DAL1	10/21/2019 1030	32642

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0038	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		86	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-002**
Description: **08825 WSW-3** Matrix: **Aqueous**
Date Sampled: **10/08/2019 1421**
Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/14/2019 1402	BWS		31920

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5 0	2 0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		94	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **UJ12039-002**
Description: **08825 WSW-3**
Matrix: **Aqueous**
Date Sampled: **10/08/2019 1421**
Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/16/2019 1312	TML		32189

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		77	70-130
1,2-Dichlorobenzene-d4		86	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-002**

Description: **08825 WSW-3** Matrix: **Aqueous**

Date Sampled: **10/08/2019 1421**

Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/21/2019 1259	DAL1	10/21/2019 1030	32642

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0039	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-003**
Description: **08825 WSW-6** Matrix: **Aqueous**
Date Sampled: **10/08/2019 1330**
Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/14/2019 1427	BWS		31920

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		95	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-6**
Date Sampled: **10/08/2019 1330**
Date Received: **10/12/2019**

Laboratory ID: **UJ12039-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524 2	524.2	1	10/16/2019 1338	TML		32189

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0 50	0 40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0 50	0 40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0 50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524 2	ND		0 50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		75	70-130
1,2-Dichlorobenzene-d4		89	70-130

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-003**

Description: **08825 WSW-6** Matrix: **Aqueous**

Date Sampled: **10/08/2019 1330**

Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/21/2019 1323	DAL1	10/21/2019 1030	32642

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0039	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		96	57-137

4

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-004**
Description: **08825 WSW-7** Matrix: **Aqueous**
Date Sampled: **10/08/2019 1345**
Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/14/2019 1452	BWS		31920

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1 0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1 0	0 40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5 0	2 0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		94	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-7**
Date Sampled: **10/08/2019 1345**
Date Received: **10/12/2019**

Laboratory ID: **UJ12039-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/16/2019 1403	TML		32189

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524 2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		75	70-130
1,2-Dichlorobenzene-d4		79	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **UJ12039-004**
Description: **08825 WSW-7**
Matrix: **Aqueous**
Date Sampled: **10/08/2019 1345**
Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/21/2019 1335	DAL1	10/21/2019 1030	32642

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0 0038	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		94	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-005**

Description: **08825 WSW-8** Matrix: **Aqueous**

Date Sampled: **10/08/2019 1310**

Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/14/2019 1518	BWS		31920

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		94	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-005**

Description: **08825 WSW-8** Matrix: **Aqueous**

Date Sampled: **10/08/2019 1310**

Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/16/2019 1428	TML		32189

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0 50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		83	70-130
1,2-Dichlorobenzene-d4		89	70-130

4

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-8**
Date Sampled: **10/08/2019 1310**
Date Received: **10/12/2019**

Laboratory ID: **UJ12039-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/21/2019 1347	DAL1	10/21/2019 1030	32642

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0039	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		94	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-006**
Description: **08825 WSW-DUP C** Matrix: **Aqueous**
Date Sampled: **10/08/2019**
Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/14/2019 1544	BWS		31920

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0 40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2 0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		94	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **UJ12039-006**
Description: **08825 WSW-DUP C**
Matrix: **Aqueous**
Date Sampled: **10/08/2019**
Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/16/2019 1453	TML		32189

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524 2	ND		0 50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0 50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0 50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0 50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		71	70-130
1,2-Dichlorobenzene-d4		84	70-130

4

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-DUP C**
Date Sampled: **10/08/2019**
Date Received: **10/12/2019**

Laboratory ID: **UJ12039-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504 1	504.1	1	10/21/2019 1359	DAL1	10/21/2019 1030	32642

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0039	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		95	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **UJ12039-007**
Description: **08825 WSW-FIELD BLANK**
Matrix: **Aqueous**
Date Sampled: **10/08/2019 1452**
Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/14/2019 1247	BWS		31920

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1 0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8 0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2 0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		94	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-007**

Description: **08825 WSW-FIELD BLANK** Matrix: **Aqueous**

Date Sampled: **10/08/2019 1452**

Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/16/2019 1519	TML		32189

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0 40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524 2	ND		0.50	0 40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		72	70-130
1,2-Dichlorobenzene-d4		84	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-FIELD BLANK**
Date Sampled: **10/08/2019 1452**
Date Received: **10/12/2019**

Laboratory ID: **UJ12039-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/21/2019 1411	DAL1	10/21/2019 1030	32642

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0039	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-008**

Description: **08825 WSW-TRIP BLANK** Matrix: **Aqueous**

Date Sampled: **10/08/2019 0731**

Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	10/14/2019 1312	BWS		31920

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		88	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		93	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UJ12039-009**

Description: **TB2** Matrix: **Aqueous**

Date Sampled: **10/08/2019 0731**

Date Received: **10/12/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524 2	1	10/16/2019 1545	TML		32189

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0 50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0 50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524 2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		78	70-130
1,2-Dichlorobenzene-d4		82	70-130

4

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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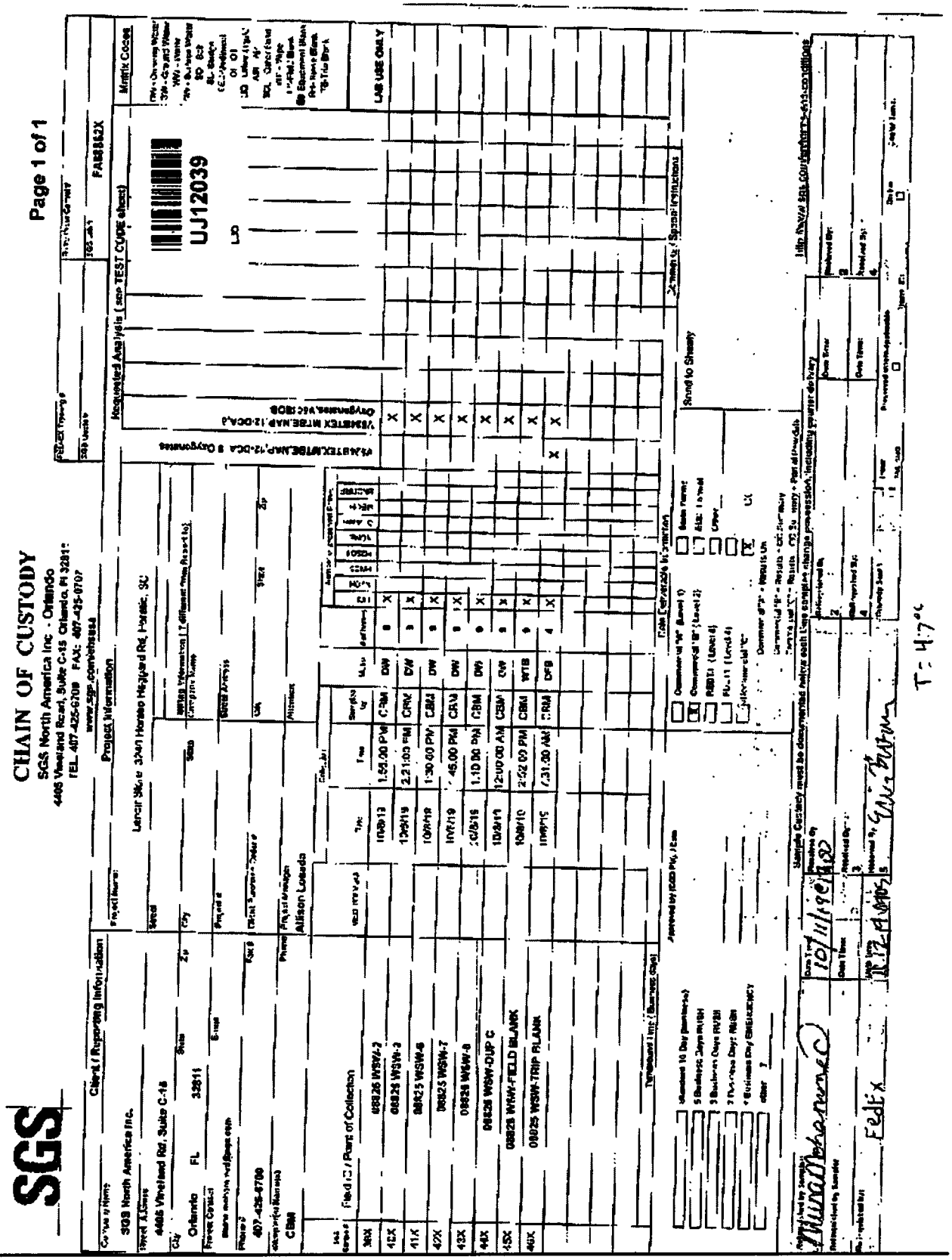
4

Chain of Custody
and
Miscellaneous Documents


SGS
CHAIN OF CUSTODY
SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL: 407-425-6700 FAX: 407-425-6707
www.sgs.com/ehsusa
Page 1 of 1
UJ12039
Client / Reporting Information
Project Information
Requested Analysis (see TEST CODE sheet)
Matrix Codes
LAB USE ONLY
Company Name
SGS North America Inc.
Street Address
4405 Vineland Rd. Suite C-15
City
Orlando
State
FL
Zip
32811
Project Contact
Phone #
407-425-6700
Email
Project Name:
Lancer Skate 3040 Horseshoe Hwy Rd, Hardee, SC
Project #
Project Manager
Allison Lukeida
Sampler(s) Name(s)
CBM
Field ID / Point of Collection
Sample Custody must be documented below each time samples change possession, including courier delivery
Relinquished by
Received by
Date Time
Sample Receipt Checklist
Custody Seals Intact?
Cooler Temperature
Sample Preservation Verified
Sample Condition Upon Receipt
Special Instructions / Comments
Send to Shealy
Data Package Options
Commercial "A" (Level 1)
Commercial "B" (Level 2)
RED I (Level 3)
FULL (Level 4)
Other
UST
Turnaround Time (Business days)
10 Business Days (Std)
5 Business Days (RUSH)
3 Business Days (RUSH)
2 Business Days (RUSH)
1 Business Day (EMERGENCY)
other
Date Results Due:
Time Results Due:
Email To:
Fax To:
Hard Copy To:
Purchase Order #:
Project #:
Shipped Via:
Ship Date:
Airbill #:
Temp Blank:
Yes
No
Cooler Temp:
Thermometer ID:
Received By:
Date/Time:
Custody Seals Intact:
Yes
No
Received By:
Date/Time:
Preserved where applicable
On Ice
Cooler Temp:
Received By:
Date/Time:
Received By:
Date/Time:
Custody Seals Intact:
Yes
No
Cooler Temp:
Thermometer ID:
Received By:
Date/Time:
Relinquished By:
Date/Time:
Received By:
Date/Time:
Relinquished By:
Date/Time:
Received By:
Date/Time:
Relinquished By:
Date/Time:
Received By:
Date/Time:
Custody Seals Intact:
Yes
No
Cooler Temp:
Thermometer ID

Shealy Environmental Services, Inc.
Document Number: MS001BC v4

Page 1 of 1
Effective Date: 9/27/2019

Sample Receipt Checklist (SRC)

Client: SGS Cooler Inspected by/date: ETB / 10/12/19 Lot #: UJ12039

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Other:

☑ Yes	☐ No		1. Were custody seals present on the cooler?
☑ Yes	☐ No	☐ NA	2. If custody seals were present, were they intact and unbroken?

pH Strip ID: NA Chlorine Strip ID: NA Tested by: NA

Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: NA

4.7 /4.7 °C NA /NA °C NA /NA °C NA /NA °C

Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: 5 IR Gun Correction Factor: 0 °C

Method of coolant: ☑ Wet Ice ☐ Ice Packs ☐ Dry Ice ☐ None

☐ Yes	☐ No	☑ NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one).
☐ Yes	☐ No	☑ NA	4. Is the commercial courier's packing slip attached to this form?
☑ Yes	☐ No		5. Were proper custody procedures (relinquished/received) followed?
☑ Yes	☐ No		6. Were sample IDs listed on the COC?
☑ Yes	☐ No		7. Were sample IDs listed on all sample containers?
☑ Yes	☐ No		8. Was collection date & time listed on the COC?
☑ Yes	☐ No		9. Was collection date & time listed on all sample containers?
☑ Yes	☐ No		10. Did all container label information (ID, date, time) agree with the COC?
☑ Yes	☐ No		11. Were tests to be performed listed on the COC?
☑ Yes	☐ No		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
☑ Yes	☐ No		13. Was adequate sample volume available?
☑ Yes	☐ No		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
☐ Yes	☑ No		15. Were any samples containers missing/excess (circle one) samples Not listed on COC?
☑ Yes	☐ No	☐ NA	16. For VOA and RSK-175 samples, were bubbles present >"pea-size" (¼"or 6mm in diameter) in any of the VOA vials?
☐ Yes	☐ No	☑ NA	17. Were all DRO/metals/nutrient samples received at a pH of < 2?
☐ Yes	☐ No	☑ NA	18. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
☐ Yes	☐ No	☑ NA	19. Were all applicable NH_3/TKN/cyanide/phenol/n25 (< 0.5mg/L) samples free of residual chlorine?
☐ Yes	☐ No	☑ NA	20. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc..) correctly transcribed from the COC into the comment section in LIMS?
☐ Yes	☑ No		21. Was the quote number listed on the container label? If yes, Quote #: NA

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) NA _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with NA _____ml of circle one: H_2SO_4, HNO_3, HCl, NaOH using SR #: NA.
Time of preservation NA _____. If more than one preservative is needed, please note in the comments below.

Sample(s) -008 (1), -009 (2) _____ were received with bubbles >6 mm in diameter.

Sample(s) NA _____ were received with TRC > 0.5 mg/L (If #19 is *no*) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: NA.

SR barcode labels applied by: ETB Date: 10/12/19

Comments:

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

The following parameters included in this report are exceptions to NELAC certification.
The certification status of each is indicated below.

Parameter	CAS#	Method	Mat	Certification Status
3,3-Dimethyl-1-Butanol	624-95-3	SW846 8260B	AQ	Certified by SOP MS005
Di-Isopropyl Ether	108-20-3	SW846 8260B	AQ	Certified by SOP MS005
Tert-Amyl Alcohol	75-85-4	SW846 8260B	AQ	Certified by SOP MS005
Tert-Butyl Formate	762-75-4	SW846 8260B	AQ	Certified by SOP MS005

SGS North America Inc - Orlando

SGS FA68862

Chain of Custody

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SGS - ORLANDO JOB # :

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SGS - ORLANDO Quote #

SKIFF #

Client / Reporting Information		Project Information		Analytical Information	Matrix Codes
Company Name: Geological Resources Inc.		Project Name: LENDER STORE			DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid
Address: 3502 Hagan Rd.		Street: 3240 Horatio-Hargood Road			
City: Manlove State: NC Zip: 28110		City: Horatio State: SC			
Project Contact: Scott Bull Email: wsbull@		Project #: 2001			
Phone #: 7049654010		PWSID: UST permit # 09925			
Sampler(s) Name(s) (Printed) Sampler 1: Matt Casey Sampler 2: Corey Buchanan & Scott Mckay		Client Purchase Order #			

SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY	CONTAINER INFORMATION MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	HNO3	H2SO4	NaOH	NaOH+ZnAc	DI WATER	MEOH	Analytical Information	LAB USE ONLY
1	08825-MW-1 WT	10-8-19	1207	MC	GW	5			X							X X	
2	08825-MW-2	10-8-19	853	MC	GW	5			X							X X	
3	08825-MW-3	10-9-19	1058	SM	GW	5			X							X X	
4	08825-MW-4	10-9-19	1100	MC	GW	5			X							X X	
5	08825-MW-5	10-8-19	1418	SM	GW	5			X							X X	
6	08825-MW-6	10-8-19	1519	SM	GW	5			X							X X	
7	08825-MW-7	10-9-19	1042	MC	GW	5			X							X X	
8	08825-MW-8	10-8-19	1300	SM	GW	5			X							X X	
9	08825-MW-9	10-8-19	1338	SM	GW	5			X							X X	
10	08825-MW-10	10-9-19	1053	SM	GW	5			X							X X	
11	08825-MW-11	10-9-19	0928	SM	GW	5			X							X X	
12	08825-MW-12	10-9-19	937	MC	GW	5			X							X X	

EDD By Bill

Turnaround Time (Business days)	Data Deliverable Information	Comments / Remarks
10 Day (Business) Approved By: / Date:	COMMERCIAL "A" (RESULTS ONLY)	SCDHEC UST Management Program
7 Day	COMMERCIAL "B" (RESULTS PLUS QC)	UST permit # 09925
5 Day	REDT1 (EPA LEVEL 3)	
3 Day RUSH	FULLT1 (EPA LEVEL 4)	
2 Day RUSH	EDD'S	
1 Day RUSH		
Other		

Rush T/A Data Available VIA Email or Lablink

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 Matthew Casey	10-9-19	2 FedEx	3 Fed Ex		4 10/10/19
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

1009 6377 6109
1009 6377 6110

Lab Use Only: Cooler Temperature (s) Celsius (corrected).

1.8, 2.0, 2.4

http://www.sgs.com/en/terms-and-conditions

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

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SGS North America Inc - Orlando

Chain of Custody

SGS FA68862

SGS - ORLANDO JOB # : PAGE 2 OF 5

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SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information | **Project Information** | **Analytical Information** | **Matrix Codes**

Company Name: GEOLOGICAL RESOURCES, INC
Address: 3502 HWY 13 BYPASS
City: MONROE State: NC Zip: 28110
Project Contact: SCOTT BALL Email: USBG@
Phone #: 704-841-4210
Sampler(s) Name(s) (Printed) + SAM MCKAY
Sampler 1: MATT CASEY Sampler 2: CASEY CHESSON

Project Name: LENOIR STORE
Street: 3240 HORATIO-HUGGINS RD
City: HORATIO State: SC
Project #: 2001
PO #: UST permit # 08825
Client Purchase Order #

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid

Analytical Information: 8260B, MBTEX, NAPH, 12 MOST OXYGENATES by 8260B; EDB by 8011

SGS Orlando Sample #	Field ID / Point of Collection	Collection DATE	Collection TIME	Sampled By	Matrix	Total # of Bottles	Container Information	LAB USE ONLY
13	08825 - MW-13	10-7-19	0857	MC	GW	5	HCl	
14	08825 - MW-14	10-7-19	0904	SM	GW	5	HCl	
15	08826 - MW-15	10-8-19	1612	MC	GW	5	HCl	
16	08825 - MW-16	10/8/19	1501	MC	GW	5	HCl	
	~~08826 - MW-17~~							
17	08825 - MW-18	10-8-19	1623	SM	GW	5	HCl	
18	08825 - MW-19	10-8-19	1642	MC	GW	5	HCl	
EX19	08825 - MW-20	10-9-19	1125	MC	GW	5	HCl	
	~~08825 - MW-21~~							
	~~08825 - MW-22~~							
	~~08825 - MW-23~~							
20	08825 - MW-24	10/9/19	1350	MC	GW	5	HCl	

Turnaround Time (Business days)

~~10 Day (Business)~~
7 Day
5 Day
3 Day RUSH
2 Day RUSH
1 Day RUSH
Other
Approved By: / Date:
Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SCDHEC UST MANAGEMENT PROGRAM, UST permit # 08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 Matthew Caskey	10-9-19	2 FedEx 1009 6377 6109	3 Fed Ex		4 10/10/19
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

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FA68862: Chain of Custody
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SGS North America Inc - Orlando

Chain of Custody

SGS FA68862

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SGS - ORLANDO JOB #:

PAGE 3 OF 5

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SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources, inc
Address: 3501 Hamer Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Bell Email: USB@
Phone #: 704-845-4010
Sampler(s) Name(s) (Printed) Sampler 1: Matt Casey Sampler 2: Riley Bateman

Project Information

Project Name: Lenoir Store
Street: 3240 Horatio-Hagood Road
City: Horatio State: SC
Project #: 2001
PO#: UST permit # 08925
Client Purchase Order #

Analytical Information

Preserved by SGS, Unpreserved, Other, Lab to Filter, EDD By Email

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid

SGS Orlando Sample #	Field ID / Point of Collection	Collection DATE	Collection TIME	Sampled By	Matrix	Total # of Bottles	Container Information	Analytical Information	LAB USE ONLY
21	08825 - MW-25	10-9-19	1147	MC	GW	5	HCl	X X	
22	08825 - MW-26	10-8-19	1048	MC	GW	5	HCl	X X	
23	08825 - MW-27	10-9-19	1140	SM	GW	5	HCl	X X	
24	08825 - MW-28	10-8-19	1554	SM	GW	5	HCl	X X	
25	08925 - MW-29	10-9-19	824	MC	GW	5	HCl	X X	
26	08925 - MW-30	10-8-19	1447	MC	GW	5	HCl	X X	
27	08925 - MW-31	10-9-19	959	MC	GW	5	HCl	X X	
28	08825 - MW-32	10-9-19	954	MC	GW	5	HCl	X X	
29	08925 - MW-33	10-9-19	1016	SM	GW	5	HCl	X X	
30	08825 - MW-34	10-9-19	0831	SM	GW	5	HCl	X X	
31	08925 - MW-36	10-8-19	1705	SM	GW	5	HCl	X X	
32	08925 - TW-1	10-8-19	955	MC	GW	5	HCl	X X	

Turnaround Time (Business days)

10 Day (Business)
7 Day
5 Day
3 Day RUSH
2 Day RUSH
1 Day RUSH
Other
Approved By: / Date:
Rush T/A Date Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [ ] EDD's

Comments / Remarks

SCDHEC UST MANAGEMENT PROGRAM
UST permit # 08925

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 Matthew Casey	10-9-19	2 FedEx 1009 6377 6110	3 Fed Ex		4 10/10/19
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

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FA68862: Chain of Custody
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Chain of Custody

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SGS - ORLANDO JOB # : PAGE 4 OF 5

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources, inc
Address: 3507 HAYES ROAD
City: Monroe State: NC Zip: 28110
Project Contact: Scott Bull Email: USGI@
Phone #: 704-882-4010
Sampler(s) Name(s) (Printed) Sampler 1: Matt Casey Sampler 2: Corey Pittman

Project Information

Project Name: LENOIR STOPP
Street: 3240 Horatio-Hagood ROAD
City: Horatio State: SC
Project #: 2001
PO#: UST permit # 08025
Client Purchase Order #

Analytical Information

BTEX, naphthalene, 1,2 DCA & Ethanol by 8260
EDB by 504
Sec. naphthalene by 8260
8 oxygenates by 8260
EDB by SOP.1

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid

SGS Orlando Sample #	Field ID / Point of Collection	Collection: Date	Time	Sampled By	Matrix	Total # of Bottles	Container Information	LAB USE ONLY
33	08025 - TW-2	10-8-19	1201	MC	GW	5	HCl	
34	08025 - TW-3	10-8-19	1252	MC	GW	6	HCl	
	~~TW-4~~							
35	08025 - MW-[redacted] DUP-A	10-8-19	—	MC	GW	5	HCl	
36	08025 - MW-[redacted] DUP-B	10-8-19	—	MC	GW	5	HCl	
37	08025-MW - Field Blank	10-8-19	830	MC	GW	5	HCl	
38	08025-MW - Trip Blank	10/8/19	0730	—	Liq	2	HCl	
	~~WSW-1~~							
39	08025 - WSW-2	10-8-19	1356	CB	DW	9	HCl	
40	08025 - WSW-3	10-8-19	1421	CB	DW	9	HCl	
	~~WSW-4~~							
	~~WSW-5~~							

Turnaround Time (Business days)

10 Day (Business)
7 Day
5 Day
3 Day RUSH
2 Day RUSH
1 Day RUSH
Other
Approved By. / Date.
Rush T/A Date Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD's

Comments / Remarks

SCDHEC UST MANAGEMENT program
UST permit # 08025

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 Matthew Caskey	10-9-19	2 FedEx 1009 6377 6109	3 Fed Ex		4 10/10/19
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

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SGS FA68862

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Chain of Custody

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SCDHEC

SGS - ORLANDO JOB # :

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SGS - ORLANDO Quote #

SKIFF #

Client / Reporting Information

Company Name: GEOLOGICAL RESOURCES INC.
Address: 3502 Hwy 601 Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: [illegible]
Phone #: 704-225-5610
Sampler(s) Name(s) (Printed): Sam McKay
Sampler 1: Matt Ostby Sampler 2: Cory Richardson

Project Information

Project Name: LENOIR STORE
Street: 3240 Horatio-Hagood Road
City: Horatio State: SC
Project #: 2001
Sub-#: UST permit # 08925
Client Purchase Order #

Analytical Information

BTEX and Naph. using SW8260 by SW846
8 oxygenates by 8260 by SW846

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid

SGS Orlando Sample #	Field ID / Point of Collection	Collection DATE	Collection TIME	Sampled By	Matrix	Total # of Bottles	Container Information	LAB USE ONLY
41	08925 - WSW-6	10/8/19	1330	CB	DW	9	3 6	
42	08925 - WSW-7	10/8/19	1345	CB	DW	9	3 6	
43	08925 - WSW-8	10/8/19	1310	CB	DW	9	3 6	
44	08925 - WSW[illegible]-DUP-C	10/8/19	—	CB	DW	9	3 6	
45	08925 - WSW Field Blank	10/8/19	1452	CB	DW	9	3 6	
46	08925 - WSW Trip Blank	10/8/19	0731	—	DW	4	4	

Turnaround Time (Business days)

Approved By: / Date:

- (10 Day) (Business)
- 7 Day
- 5 Day
- 3 Day RUSH
- 2 Day RUSH
- 1 Day RUSH
- Other

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SCDHEC UST MANAGMENT PROGRAM
UST permit # 08925

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 Matthew Cantey	10-9-19	2 FedEx 1004 6377 6109 6110	3 Fed Ex		4 10/10/19
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

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SGS Sample Receipt Summary

Job Number: FA68862 **Client:** GRI **Project:** LENOIR STORE

Date / Time Received: 10/10/2019 9:00:00 AM **Delivery Method:** FED EX **Airbill #'s:** 1001891711510003281100100963776110

Therm ID: IR 1; **Therm CF:** 1, **# of Coolers:** 3

Cooler Temps (Raw Measured) °C: Cooler 1. (0.8); Cooler 2: (1.0); Cooler 3: (1.4);

Cooler Temps (Corrected) °C: Cooler 1 (1.8), Cooler 2: (2.0); Cooler 3 (2 4),

Cooler Information	Y	or	N
1. Custody Seals Present	☑		☐
2. Custody Seals Intact	☑		☐
3. Temp criteria achieved	☑		☐
4. Cooler temp verification	IR Gun		
5. Cooler media	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler	☑		☐	☐
2 Trip Blank listed on COC	☑		☐	☐
	W	or	S	N/A
3. Type Of TB Received	☑		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles	☑		☐	
2. Samples preserved properly	☑		☐	
3. Sufficient volume/containers recvd for analysis	☑		☐	
4. Condition of sample	Intact			
5. Sample recvd within HT	☑		☐	
6. Dates/Times/IDs on COC match Sample Label	☑		☐	
7. VOCs have headspace	☐		☑	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc. Information

Number of Encores 25-Gram _____ 5-Gram _____ Number of 5035 Field Kits _____ Number of Lab Filtered Metals _____

Test Strip Lot #s pH 0-3 230315 pH 10-12 219813A Other (Specify) _____ _____

Residual Chlorine Test Strip Lot #: _____

Comments

SM001
Rev Date 05/24/17

Technician: SHAYLAP Date: 10/10/2019 9:00:00 A Reviewer: _____ Date _____

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FA68862: Chain of Custody
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MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1858-MB	Y45647.D	1	10/12/19	AB	n/a	n/a	VY1858

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-2, FA68862-3, FA68862-4, FA68862-5, FA68862-6, FA68862-7, FA68862-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Method Blank Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A895-MB	1A22135.D	1	10/14/19	CV	n/a	n/a	V1A895

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-9, FA68862-10, FA68862-11, FA68862-12, FA68862-13, FA68862-14, FA68862-15, FA68862-16, FA68862-17, FA68862-18, FA68862-19, FA68862-20, FA68862-21, FA68862-22, FA68862-23, FA68862-24, FA68862-25, FA68862-26, FA68862-27, FA68862-28

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	79-125%
2037-26-5	Toluene-D8	105%	85-112%
460-00-4	4-Bromofluorobenzene	106%	83-118%

Method Blank Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A896-MB	1A22162.D	1	10/14/19	CV	n/a	n/a	V1A896

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-29, FA68862-30, FA68862-31, FA68862-32, FA68862-33, FA68862-34, FA68862-35, FA68862-36, FA68862-37, FA68862-38

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	104%	85-112%
460-00-4	4-Bromofluorobenzene	107%	83-118%

Method Blank Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A897-MB	1A22186.D	1	10/15/19	CV	n/a	n/a	V1A897

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-1, FA68862-19, FA68862-21, FA68862-23, FA68862-36

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	79-125%
2037-26-5	Toluene-D8	104%	85-112%
460-00-4	4-Bromofluorobenzene	106%	83-118%

Method Blank Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1860-MB	Y45701.D	1	10/16/19	CV	n/a	n/a	VY1860

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-35

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	108%	83-118%
17060-07-0	1,2-Dichloroethane-D4	113%	79-125%
2037-26-5	Toluene-D8	94%	85-112%
460-00-4	4-Bromofluorobenzene	96%	83-118%

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1858-BS	Y45645.D	1	10/12/19	AB	n/a	n/a	VY1858

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-2, FA68862-3, FA68862-4, FA68862-5, FA68862-6, FA68862-7, FA68862-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	22.1	88	81-122
107-06-2	1,2-Dichloroethane	25	20.1	80	75-125
108-20-3	Di-Isopropyl Ether	25	22.3	89	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1210	97	55-126
64-17-5	Ethyl Alcohol	500	445	89	46-145
100-41-4	Ethylbenzene	25	21.4	86	81-121
637-92-3	Ethyl Tert Butyl Ether	25	21.3	85	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.2	89	72-117
91-20-3	Naphthalene	25	23.5	94	63-132
75-85-4	Tert-Amyl Alcohol	250	215	86	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.0	88	73-122
75-65-0	Tert-Butyl Alcohol	250	221	88	63-129
762-75-4	Tert-Butyl Formate	250	128	51	46-130
108-88-3	Toluene	25	21.7	87	80-120
1330-20-7	Xylene (total)	75	67.9	91	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A895-BS	1A22134.D	1	10/14/19	CV	n/a	n/a	V1A895

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-9, FA68862-10, FA68862-11, FA68862-12, FA68862-13, FA68862-14, FA68862-15, FA68862-16, FA68862-17, FA68862-18, FA68862-19, FA68862-20, FA68862-21, FA68862-22, FA68862-23, FA68862-24, FA68862-25, FA68862-26, FA68862-27, FA68862-28

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.8	103	81-122
107-06-2	1,2-Dichloroethane	25	25.5	102	75-125
108-20-3	Di-Isopropyl Ether	25	25.0	100	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1160	93	55-126
64-17-5	Ethyl Alcohol	500	479	96	46-145
100-41-4	Ethylbenzene	25	26.0	104	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.9	96	71-120
1634-04-4	Methyl Tert Butyl Ether	25	25.4	102	72-117
91-20-3	Naphthalene	25	25.6	102	63-132
75-85-4	Tert-Amyl Alcohol	250	255	102	65-124
994-05-8	Tert-Amyl Methyl Ether	25	25.8	103	73-122
75-65-0	Tert-Butyl Alcohol	250	251	100	63-129
762-75-4	Tert-Butyl Formate	250	129	52	46-130
108-88-3	Toluene	25	24.6	98	80-120
1330-20-7	Xylene (total)	75	78.7	105	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A896-BS	1A22161.D	1	10/14/19	CV	n/a	n/a	V1A896

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-29, FA68862-30, FA68862-31, FA68862-32, FA68862-33, FA68862-34, FA68862-35, FA68862-36, FA68862-37, FA68862-38

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.3	97	81-122
107-06-2	1,2-Dichloroethane	25	24.9	100	75-125
108-20-3	Di-Isopropyl Ether	25	24.2	97	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1070	86	55-126
64-17-5	Ethyl Alcohol	500	474	95	46-145
100-41-4	Ethylbenzene	25	24.2	97	81-121
637-92-3	Ethyl Tert Butyl Ether	25	22.8	91	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.4	98	72-117
91-20-3	Naphthalene	25	22.6	90	63-132
75-85-4	Tert-Amyl Alcohol	250	228	91	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.0	96	73-122
75-65-0	Tert-Butyl Alcohol	250	239	96	63-129
762-75-4	Tert-Butyl Formate	250	123	49	46-130
108-88-3	Toluene	25	22.7	91	80-120
1330-20-7	Xylene (total)	75	72.6	97	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	94%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A897-BS	1A22185.D	1	10/15/19	CV	n/a	n/a	V1A897

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-1, FA68862-19, FA68862-21, FA68862-23, FA68862-36

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.6	98	81-122
107-06-2	1,2-Dichloroethane	25	25.4	102	75-125
108-20-3	Di-Isopropyl Ether	25	24.4	98	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1070	86	55-126
64-17-5	Ethyl Alcohol	500	474	95	46-145
100-41-4	Ethylbenzene	25	24.9	100	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.1	92	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.9	100	72-117
91-20-3	Naphthalene	25	23.6	94	63-132
75-85-4	Tert-Amyl Alcohol	250	235	94	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.3	97	73-122
75-65-0	Tert-Butyl Alcohol	250	240	96	63-129
762-75-4	Tert-Butyl Formate	250	125	50	46-130
108-88-3	Toluene	25	23.6	94	80-120
1330-20-7	Xylene (total)	75	74.8	100	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	94%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1860-BS	Y45699.D	1	10/16/19	CV	n/a	n/a	VY1860

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-35

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.7	95	81-122
107-06-2	1,2-Dichloroethane	25	25.2	101	75-125
108-20-3	Di-Isopropyl Ether	25	24.1	96	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1220	98	55-126
64-17-5	Ethyl Alcohol	500	512	102	46-145
100-41-4	Ethylbenzene	25	22.0	88	81-121
637-92-3	Ethyl Tert Butyl Ether	25	22.9	92	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.9	100	72-117
91-20-3	Naphthalene	25	20.6	82	63-132
75-85-4	Tert-Amyl Alcohol	250	212	85	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.1	96	73-122
75-65-0	Tert-Butyl Alcohol	250	212	85	63-129
762-75-4	Tert-Butyl Formate	250	127	51	46-130
108-88-3	Toluene	25	21.5	86	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	79-125%
2037-26-5	Toluene-D8	95%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68851-1MS	Y45656.D	5	10/12/19	AB	n/a	n/a	VY1858
FA68851-1MSD	Y45657.D	5	10/12/19	AB	n/a	n/a	VY1858
FA68851-1	Y45649.D	1	10/12/19	AB	n/a	n/a	VY1858

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-2, FA68862-3, FA68862-4, FA68862-5, FA68862-6, FA68862-7, FA68862-8

CAS No.	Compound	FA68851-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0	U	125	114	91	125	118	94	3	81-122/14
107-06-2	1,2-Dichloroethane	1.0	U	125	119	95	125	121	97	2	75-125/14
108-20-3	Di-Isopropyl Ether	1.0	U	125	119	95	125	124	99	4	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50	U	6250	6470	104	6250	6270	100	3	55-126/17
64-17-5	Ethyl Alcohol	200	U	2500	2380	95	2500	2470	99	4	46-145/30
100-41-4	Ethylbenzene	1.0	U	125	111	89	125	115	92	4	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0	U	125	113	90	125	118	94	4	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1.0	U	125	123	98	125	127	102	3	72-117/14
91-20-3	Naphthalene	5.0	U	125	112	90	125	115	92	3	63-132/25
75-85-4	Tert-Amyl Alcohol	20	U	1250	1150	92	1250	1190	95	3	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0	U	125	119	95	125	121	97	2	73-122/13
75-65-0	Tert-Butyl Alcohol	20	U	1250	1100	88	1250	1120	90	2	63-129/27
762-75-4	Tert-Butyl Formate	20	U	1250	593	47	1250	553	44*	7	46-130/33
108-88-3	Toluene	1.0	U	125	111	89	125	113	90	2	80-120/14
1330-20-7	Xylene (total)	3.0	U	375	348	93	375	360	96	3	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA68851-1	Limits
1868-53-7	Dibromofluoromethane	103%	102%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	102%	103%	79-125%
2037-26-5	Toluene-D8	98%	98%	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	98%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68862-9MS	1A22146.D	5	10/14/19	CV	n/a	n/a	V1A895
FA68862-9MSD	1A22147.D	5	10/14/19	CV	n/a	n/a	V1A895
FA68862-9	1A22136.D	1	10/14/19	CV	n/a	n/a	V1A895

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-9, FA68862-10, FA68862-11, FA68862-12, FA68862-13, FA68862-14, FA68862-15, FA68862-16, FA68862-17, FA68862-18, FA68862-19, FA68862-20, FA68862-21, FA68862-22, FA68862-23, FA68862-24, FA68862-25, FA68862-26, FA68862-27, FA68862-28

CAS No.	Compound	FA68862-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		125	119	95	125	122	98	2	81-122/14
107-06-2	1,2-Dichloroethane	ND		125	126	101	125	127	102	1	75-125/14
108-20-3	Di-Isopropyl Ether	ND		125	118	94	125	122	98	3	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		6250	5360	86	6250	5490	88	2	55-126/17
64-17-5	Ethyl Alcohol	ND		2500	2300	92	2500	2360	94	3	46-145/30
100-41-4	Ethylbenzene	ND		125	119	95	125	122	98	2	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		125	113	90	125	116	93	3	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		125	122	98	125	126	101	3	72-117/14
91-20-3	Naphthalene	ND		125	111	89	125	117	94	5	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		1250	1170	94	1250	1200	96	3	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		125	119	95	125	124	99	4	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		1250	1160	93	1250	1220	98	5	63-129/27
762-75-4	Tert-Butyl Formate	ND		1250	603	48	1250	602	48	0	46-130/33
108-88-3	Toluene	ND		125	113	90	125	114	91	1	80-120/14
1330-20-7	Xylene (total)	ND		375	359	96	375	367	98	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA68862-9	Limits
1868-53-7	Dibromofluoromethane	104%	104%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	107%	100%	79-125%
2037-26-5	Toluene-D8	97%	97%	104%	85-112%
460-00-4	4-Bromofluorobenzene	95%	95%	107%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68813-2MS	1A22171.D	10	10/15/19	CV	n/a	n/a	V1A896
FA68813-2MSD	1A22172.D	10	10/15/19	CV	n/a	n/a	V1A896
FA68813-2 [a]	1A22169.D	5	10/15/19	CV	n/a	n/a	V1A896

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-29, FA68862-30, FA68862-31, FA68862-32, FA68862-33, FA68862-34, FA68862-35, FA68862-36, FA68862-37, FA68862-38

CAS No.	Compound	FA68813-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	5.0 U		250	244	98	250	241	96	1	81-122/14
107-06-2	1,2-Dichloroethane	5.0 U		250	256	102	250	252	101	2	75-125/14
108-20-3	Di-Isopropyl Ether	5.0 U		250	240	96	250	242	97	1	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	250 U		12500	12100	97	12500	11600	93	4	55-126/17
64-17-5	Ethyl Alcohol	1000 U		5000	4730	95	5000	4690	94	1	46-145/30
100-41-4	Ethylbenzene	5.0 U		250	242	97	250	239	96	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	10 U		250	226	90	250	229	92	1	71-120/14
1634-04-4	Methyl Tert Butyl Ether	5.0 U		250	242	97	250	245	98	1	72-117/14
91-20-3	Naphthalene	25 U		250	230	92	250	235	94	2	63-132/25
75-85-4	Tert-Amyl Alcohol	100 U		2500	2390	96	2500	2350	94	2	65-124/23
994-05-8	Tert-Amyl Methyl Ether	10 U		250	240	96	250	241	96	0	73-122/13
75-65-0	Tert-Butyl Alcohol	100 U		2500	2480	99	2500	2450	98	1	63-129/27
762-75-4	Tert-Butyl Formate	100 U		2500	1090	44*	2500	1110	44*	2	46-130/33
108-88-3	Toluene	5.0 U		250	233	93	250	228	91	2	80-120/14
1330-20-7	Xylene (total)	15 U		750	736	98	750	722	96	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA68813-2	Limits
1868-53-7	Dibromofluoromethane	103%	102%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	108%	99%	79-125%
2037-26-5	Toluene-D8	97%	97%	103%	85-112%
460-00-4	4-Bromofluorobenzene	97%	95%	107%	83-118%

(a) Confirmation run.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68862-36MS	1A22196.D	200	10/15/19	CV	n/a	n/a	V1A897
FA68862-36MSD	1A22197.D	200	10/15/19	CV	n/a	n/a	V1A897
FA68862-36	1A22191.D	200	10/15/19	CV	n/a	n/a	V1A897

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-1, FA68862-19, FA68862-21, FA68862-23, FA68862-36

CAS No.	Compound	FA68862-36 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	2820		5000	7760	99	5000	7900	102	2	81-122/14
107-06-2	1,2-Dichloroethane	ND		5000	4770	95	5000	4920	98	3	75-125/14
108-20-3	Di-Isopropyl Ether	70.2	J	5000	4620	91	5000	4790	94	4	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		250000	216000	86	250000	222000	89	3	55-126/17
64-17-5	Ethyl Alcohol	ND		100000	89800	90	100000	89200	89	1	46-145/30
100-41-4	Ethylbenzene	683		5000	5450	95	5000	5650	99	4	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		5000	4340	87	5000	4520	90	4	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		5000	4710	94	5000	4940	99	5	72-117/14
91-20-3	Naphthalene	203	J	5000	4610	88	5000	5070	97	10	63-132/25
75-85-4	Tert-Amyl Alcohol	3980	J	50000	50600	93	50000	53500	99	6	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		5000	4700	94	5000	4950	99	5	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		50000	45000	90	50000	47200	94	5	63-129/27
762-75-4	Tert-Butyl Formate	ND		50000	25300	51	50000	26300	53	4	46-130/33
108-88-3	Toluene	10300		5000	14400	82	5000	14600	86	1	80-120/14
1330-20-7	Xylene (total)	8360		15000	23600	102	15000	24000	104	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA68862-36	Limits
1868-53-7	Dibromofluoromethane	100%	99%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	103%	100%	79-125%
2037-26-5	Toluene-D8	97%	97%	103%	85-112%
460-00-4	4-Bromofluorobenzene	95%	97%	105%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68827-1MS	Y45710.D	5	10/16/19	CV	n/a	n/a	VY1860
FA68827-1MSD	Y45711.D	5	10/16/19	CV	n/a	n/a	VY1860
FA68827-1	Y45703.D	1	10/16/19	CV	n/a	n/a	VY1860

The QC reported here applies to the following samples: **Method:** SW846 8260B

FA68862-35

CAS No.	Compound	FA68827-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U		125	123	98	125	134	107	9	81-122/14
107-06-2	1,2-Dichloroethane	1.0 U		125	134	107	125	143	114	6	75-125/14
108-20-3	Di-Isopropyl Ether	1.0 U		125	128	102	125	137	110	7	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50 U		6250	6040	97	6250	5890	94	3	55-126/17
64-17-5	Ethyl Alcohol	200 U		2500	2190	88	2500	2510	100	14	46-145/30
100-41-4	Ethylbenzene	1.0 U		125	114	91	125	123	98	8	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0 U		125	121	97	125	132	106	9	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1.0 U		125	131	105	125	143	114	9	72-117/14
91-20-3	Naphthalene	5.0 U		125	107	86	125	116	93	8	63-132/25
75-85-4	Tert-Amyl Alcohol	20 U		1250	1100	88	1250	1150	92	4	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0 U		125	127	102	125	138	110	8	73-122/13
75-65-0	Tert-Butyl Alcohol	20 U		1250	1050	84	1250	1110	89	6	63-129/27
762-75-4	Tert-Butyl Formate	20 U		1250	664	53	1250	651	52	2	46-130/33
108-88-3	Toluene	1.0 U		125	112	90	125	118	94	5	80-120/14

CAS No.	Surrogate Recoveries	MS	MSD	FA68827-1	Limits
1868-53-7	Dibromofluoromethane	106%	105%	109%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	107%	113%	79-125%
2037-26-5	Toluene-D8	94%	93%	94%	85-112%
460-00-4	4-Bromofluorobenzene	97%	97%	97%	83-118%

* = Outside of Control Limits.

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77293-MB	DD109283.D	1	10/16/19	NJ	10/15/19	OP77293	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-1, FA68862-2, FA68862-3, FA68862-4, FA68862-5, FA68862-6, FA68862-7, FA68862-8, FA68862-9, FA68862-10, FA68862-11, FA68862-12, FA68862-13, FA68862-14, FA68862-15, FA68862-16, FA68862-17, FA68862-19

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	120%	63-137%

Method Blank Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77297-MB	DD109344.D	1	10/17/19	NJ	10/15/19	OP77297	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-20, FA68862-21, FA68862-22, FA68862-23, FA68862-24, FA68862-25, FA68862-26, FA68862-27, FA68862-28, FA68862-29, FA68862-30, FA68862-31, FA68862-32, FA68862-33, FA68862-34, FA68862-35, FA68862-36, FA68862-37

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	97%	63-137%

Method Blank Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77331-MB	DD109334.D	1	10/17/19	NJ	10/17/19	OP77331	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-18

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	84%	63-137%

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77293-BS	DD109281.D	1	10/16/19	NJ	10/15/19	OP77293	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-1, FA68862-2, FA68862-3, FA68862-4, FA68862-5, FA68862-6, FA68862-7, FA68862-8, FA68862-9, FA68862-10, FA68862-11, FA68862-12, FA68862-13, FA68862-14, FA68862-15, FA68862-16, FA68862-17, FA68862-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.32	128	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	120%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77293-BS2	DD109282.D	1	10/16/19	NJ	10/15/19	OP77293	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-1, FA68862-2, FA68862-3, FA68862-4, FA68862-5, FA68862-6, FA68862-7, FA68862-8, FA68862-9, FA68862-10, FA68862-11, FA68862-12, FA68862-13, FA68862-14, FA68862-15, FA68862-16, FA68862-17, FA68862-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.36	144*	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	129%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77297-BS	DD109342.D	1	10/17/19	NJ	10/15/19	OP77297	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-20, FA68862-21, FA68862-22, FA68862-23, FA68862-24, FA68862-25, FA68862-26, FA68862-27, FA68862-28, FA68862-29, FA68862-30, FA68862-31, FA68862-32, FA68862-33, FA68862-34, FA68862-35, FA68862-36, FA68862-37

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.43	172*	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	119%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77297-BS2	DD109343.D	1	10/17/19	NJ	10/15/19	OP77297	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-20, FA68862-21, FA68862-22, FA68862-23, FA68862-24, FA68862-25, FA68862-26, FA68862-27, FA68862-28, FA68862-29, FA68862-30, FA68862-31, FA68862-32, FA68862-33, FA68862-34, FA68862-35, FA68862-36, FA68862-37

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.32	128	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	96%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77297-BS	DD109402.D	1	10/21/19	NM	10/15/19	OP77297	GDD3140

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-20, FA68862-21, FA68862-22, FA68862-23, FA68862-24, FA68862-25, FA68862-26, FA68862-27, FA68862-28, FA68862-29, FA68862-30, FA68862-31, FA68862-32, FA68862-33, FA68862-34, FA68862-35, FA68862-36, FA68862-37

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.29	116	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	102%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77331-BS	DD109333.D	1	10/17/19	NJ	10/17/19	OP77331	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.20	80	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	67%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77293-MS	DD109314.D	4	10/17/19	NJ	10/15/19	OP77293	GDD3138
FA68862-1 [a]	DD109313.D	4	10/17/19	NJ	10/15/19	OP77293	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-1, FA68862-2, FA68862-3, FA68862-4, FA68862-5, FA68862-6, FA68862-7, FA68862-8, FA68862-9, FA68862-10, FA68862-11, FA68862-12, FA68862-13, FA68862-14, FA68862-15, FA68862-16, FA68862-17, FA68862-19

CAS No.	Compound	FA68862-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	0.51		0.235	0.80	123	72-134

CAS No.	Surrogate Recoveries	MS	FA68862-1	Limits
460-00-4	4-Bromofluorobenzene	74%	66%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77297-MS	DD109348.D	1	10/17/19	NJ	10/15/19	OP77297	GDD3138
FA68862-21	DD109347.D	1	10/17/19	NJ	10/15/19	OP77297	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-20, FA68862-21, FA68862-22, FA68862-23, FA68862-24, FA68862-25, FA68862-26, FA68862-27, FA68862-28, FA68862-29, FA68862-30, FA68862-31, FA68862-32, FA68862-33, FA68862-34, FA68862-35, FA68862-36, FA68862-37

CAS No.	Compound	FA68862-21 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.231	0.27	117	72-134

CAS No.	Surrogate Recoveries	MS	FA68862-21	Limits
460-00-4	4-Bromofluorobenzene	93%	83%	63-137%

7.3.2

7

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77293-DUP	DD109316.D	1	10/17/19	NJ	10/15/19	OP77293	GDD3138
FA68862-2	DD109315.D	1	10/17/19	NJ	10/15/19	OP77293	GDD3138

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-1, FA68862-2, FA68862-3, FA68862-4, FA68862-5, FA68862-6, FA68862-7, FA68862-8, FA68862-9, FA68862-10, FA68862-11, FA68862-12, FA68862-13, FA68862-14, FA68862-15, FA68862-16, FA68862-17, FA68862-19

CAS No.	Compound	FA68862-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA68862-2	Limits
460-00-4	4-Bromofluorobenzene	84%	75%	63-137%

7.4.1

7

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA68862
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP77297-DUP	DD109404.D	1	10/21/19	NM	10/15/19	OP77297	GDD3140
FA68862-20 [a]	DD109403.D	1	10/21/19	NM	10/15/19	OP77297	GDD3140

The QC reported here applies to the following samples: **Method:** SW846 8011

FA68862-20, FA68862-21, FA68862-22, FA68862-23, FA68862-24, FA68862-25, FA68862-26, FA68862-27, FA68862-28, FA68862-29, FA68862-30, FA68862-31, FA68862-32, FA68862-33, FA68862-34, FA68862-35, FA68862-36, FA68862-37

CAS No.	Compound	FA68862-20 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	0.47		0.26		58*	28

CAS No.	Surrogate Recoveries	DUP	FA68862-20	Limits
460-00-4	4-Bromofluorobenzene	27%* [c]	55%* [b]	63-137%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits. Confirmed by batch QC. Insufficient sample to re-extract.
(c) Outside control limits due to matrix interference. Confirmed by reanalysis.

* = Outside of Control Limits.

APPENDIX B

Field Data Information Sheets

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 10/ 8/2019 | Site ID #: 08825 | Site Name: Lenoir Store

County: Sumter County | Project Manager: Tom Knight | Field Personnel: Matt Coskey, Sam McKay, Corey Buchanan

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-1	14.5	4.5-14.5	—	10.33	—	Yes	No	Buried	0/2	No
MW-2	14.21	5-15	—	9.95	—	Y	N	Yes	1/2	No
MW-3	13.68	4-14	—	10.52	—	Y	N	Y	1/2	N
MW-4	11.97	2-12	~~10.87~~	10.83	—	Y	N	Y	1/2	N
MW-5	12.05	2-12	—	9.43	—	Y	N	Y	0/2	N
MW-6	12.01	2-12	~~8.6~~	8.63	—	Y	N	Y	0/2	N
MW-7	11.91	2-12	—	9.70	—	Y	N	Y	1/2	N
MW-8	13.02	3-13	—	8.87	—	Y	N	Y	2/2	N
MW-9	12.35	2-12	—	9.33	—	Y	N	Y	0/2	Y
MW-10	12.13	2-12	—	~~8.39~~ 9.11	—	Y	N	Y	1/2	N
MW-11	11.60	2-12	—	8.22	—	Y	N	Y	1/2	N
MW-12	12.40	3-13	—	7.70	—	Y	N	Y	2/2	Y
MW-13	11.55	2-12	—	8.16	—	Y	N	Y	2/2	N

Notes:

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 10/ 8/2019	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter County	Project Manager: Tom Knight	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-14	~~7.22~~ 11.05	2-12	—	~~11.05~~ 7.22	—	Y	N	Y	0/2	N
MW-15	13.15	3-13	—	~~13~~ 9.56	—	Y	N	Cracked	0/2	N
MW-16	12.80	3-13	—	11.38	—	Y	N	Y	1/2	N
MW-17	11.30	3-13	—	DRY	—	Y	N	Y	1/2	Y
MW-18	12.95	3-13	—	9.92	—	Y	N	Y	0/2	N
MW-19	13.06	4-14	—	8.41	—	Y	N	Y	0/2	N
MW-20	13.76	4-14	—	9.61	—	Y	N	Y	0/2	N
MW-21	NF	4-14	NF	NF	NF	NF	NF	NF	NF	NF
MW-22	NF	4-14	NF	NF	NF	NF	NF	NF	NF	NF
MW-23	13.50	4-14	—	DRY	—	Y	N	Y	1/2	N
MW-24	13.24	4-14	—	9.67	—	Y	N	Y	0/2	N
MW-25	14.21	4.5-14.5	—	11.10	—	Y	N	Y	1/2	N
MW-26	13.39	5-15	—	10.08	—	Y	N	Y	2/2	N

Notes: MW-21, 22 were not found, fallen tree and ivy blockages

Signature: Matt Caskey

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 10/ 8/2019 | Site ID #: 08825 | Site Name: Lenoir Store

County: Sumter County | Project Manager: Tom Knight | Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-27	14.34	5-15	~~10.6~~	10.81	—	Y	N	Y	0/2	N
MW-28	13.56	5-15	—	11.09	—	Y	N	Y	1/2	N
MW-29	12.82	4-14	—	6.89	—	Y	N	Y	2/2	N
MW-30	13.40	4-14	—	8.01	—	Y	N	Y	0/2	N
MW-31	14.41	5-15	—	8.03	—	Y	N	Y	0/2	N
MW-32	14.31	5-15	—	9.04	—	Y	N	Y	0/2	N
MW-33	12.91	5-15	—	7.86	—	Y	N	Y	0/2	N
MW-34	14.49	5-15	—	10.74	—	Y	N	Y	1/2	N
MW-35	12.53	3-13	—	9.04	—	Y	N	Y	0/2	N
TW-1	39.81	36-41	—	10.41	—	Y	N	Y	1/3	N
TW-2	36.11	33-36	—	9.84	—	Y	N	Y	1/3	Y
TW-3	39.25	35-40	—	11.03	—	Y	N	Y	2/3	Y
						Y	N/A	Y	0/2	Y

Notes: _____

Signature: Matt Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101826	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): 4.5 to 14.5		Total Well Depth (TWD) (ft.): 14.5
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.33		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): —	1 casing volume (CV=LWC*C)(gals): —	3 casing volumes 3*CV)(gals): —	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.85							
Time (military)	NM							
PH (s.u.)								1307
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 1307	Duplicate (Y) or N	If yes, Duplicate Time: ~~1305~~ 1307

Notes: Dup-A
Sheen in water, no parameters

Signature: Matthew Caskey

DHEC 0423 (10/2015)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenair Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___ ___Private WSW ___Public WSW		Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 14.21
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.95		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 4.26	1 casing volume (CV=LWC*C)(gals): 0.68	3 casing volumes 3*CV)(gals): 2.04	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.68	1.36	2.04				
Time (military)	845	850	TVR/NM →					853
PH (s.u.)	5.84	5.93						
Specific Conductivity (µS/cm)	81.9	80.8						
Water Temperature (°C)	21.3	21.4						
Turbidity (NTU)	607.79	2320.82						
Dissolved Oxygen (mg/L)	2.87	3.64						

Sampling Data

Sampled By: Matthew Caskey	Sampling Time: 853	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Limited volume well went dry at 0.25 gallons

Signature: Matthew Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/4/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 13.68
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.52			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.16	1 casing volume (CV=LWC*C)(gals): 0.5056	3 casing volumes 3*CV)(gals): 1.5168		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.51	1.01	1.52				
Time (military)	1050	1056	NM	NM				1058
PH (s.u.)	5.43	5.96						
Specific Conductivity (µS/cm)	65.7	74.2						
Water Temperature (°C)	21.3	21.1						
Turbidity (NTU)	50.17	1070.11						
Dissolved Oxygen (mg/L)	2.69	3.58						

Sampling Data

Sampled By: SLM	Sampling Time: 1058	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well dry at 0.45 gal

Signature: Matthew Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 11.97
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.03		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 1.94	1 casing volume (CV=LWC*C)(gals): 0.3104	3 casing volumes 3*CV)(gals): 0.9312	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.304	0.62	0.93				
Time (military)	1100	NM	NM	NM				1100
PH (s.u.)	5.56	↓	↓	↓				
Specific Conductivity (µS/cm)	1.5							
Water Temperature (°C)	21.3							
Turbidity (NTU)	199.16							
Dissolved Oxygen (mg/L)	8.89							

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 1100	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Limited volume, well went dry at 0.25 gallons

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 12.05
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 9.43		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 2.62	1 casing volume (CV=LWC*C)(gals): 0.42	3 casing volumes 3*CV)(gals): —	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.42	0.84	1.26				
Time (military)	1405	1418	NM	NM				1418
PH (s.u.)	5.01	4.88						
Specific Conductivity (µS/cm)	30.8	13.8						
Water Temperature (°C)	22.9	23.7						
Turbidity (NTU)	16.82	306.82						
Dissolved Oxygen (mg/L)	2.66	2.89						

Sampling Data

Sampled By: SLM	Sampling Time: 1418	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well Dry After 0.5 gal

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/2/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101825	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12.01
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 8.63		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 3.38	1 casing volume (CV=LWC*C)(gals): 0.54	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.54	1.09	1.62				
Time (military)	1444	1455	1507	1519				1519
PH (s.u.)	4.80	4.86	4.85	5.13				
Specific Conductivity (µS/cm)	30.0	30.7	31.2	33.7				
Water Temperature (°C)	24.1	23.4	23.6	24.3				
Turbidity (NTU)	170.35	1395.27	1337.67	1176.57				
Dissolved Oxygen (mg/L)	5.04	5.13	5.55	4.97				

Sampling Data

Sampled By: SLM	Sampling Time: 1519	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0 (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-7	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___ ___Private WSW ___Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 11.91
Depth to Free Product (DFP) (ft.): ___	Depth to Groundwater (DGW) (ft.): 9.70		Free Product Thickness (ft.): ___
Length of water column (LWC=TWD-DGW)(ft.): 2.21	1 casing volume (CV=LWC*C)(gals): 0.360	3 casing volumes 3*CV)(gals): 1.080	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.413	0.83	1.24				
Time (military)	1042	NM	NM	NM				
PH (s.u.)	5.97							1042
Specific Conductivity (µS/cm)	117.3							
Water Temperature (°C)	20.8							
Turbidity (NTU)	392.06							
Dissolved Oxygen (mg/L)	3.47							

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 1042	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Limited volume, Well went dry at 0.25 gallons

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-8	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer __ Pump
X MW __ IW __ RW __ Other __ Private WSW __ Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 13.02
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.87		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 4.15	1 casing volume (CV=LWC*C)(gals): 0.66	3 casing volumes 3*CV)(gals): 1.99	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.66	1.33	1.99				
Time (military)	1241	1300	NM	NM				1300
PH (s.u.)	4.99	6.63						
Specific Conductivity (µS/cm)	95.4	0.2						
Water Temperature (°C)	23.2	24.0						
Turbidity (NTU)	23.4	23.38						
Dissolved Oxygen (mg/L)	4.74	6.39						

Sampling Data

Sampled By: SLM	Sampling Time: 1300	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: MW8 Dry AFTER 0.66 gals

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101826	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-9	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 2 to 12	Total Well Depth (TWD) (ft.): 12.35
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.33		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.02	1 casing volume (CV=LWC*C)(gals): 0.48	3 casing volumes 3*CV)(gals): 1.44	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.48	0.96	1.44				
Time (military)	1327	1338	NM	NM				1338
PH (s.u.)	5.35	5.38	↓	↓				
Specific Conductivity (µS/cm)	41.2	0.4						
Water Temperature (°C)	23.8	24.3						
Turbidity (NTU)	111.15	206.50						
Dissolved Oxygen (mg/L)	3.18	4.06						

Sampling Data

Sampled By: SCM	Sampling Time: 1338	Duplicate: Y or (N)	If yes, Duplicate Time: —

Notes: WELL WENT DRY AFTER 05 GAL

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0 (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-10	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 12.13
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.11		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.02	1 casing volume (CV=LWC*C)(gals): 0.4832	3 casing volumes 3*CV)(gals): 1.4496	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.46	0.93	1.45				
Time (military)	1023	1033	NM	NM				1033
PH (s.u.)	5.71	5.66	↓	↓				
Specific Conductivity (µS/cm)	61.1	665						
Water Temperature (°C)	20.7	20.2						
Turbidity (NTU)	54.30	1276.11						
Dissolved Oxygen (mg/L)	2.70	3.57						

Sampling Data

Sampled By: SCM	Sampling Time: 1033	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: well Dry After 0.40 gal

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Mart Cooley, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101836	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-11	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 11.80
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.22		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.58	1 casing volume (CV=LWC*C)(gals): 0.5728	3 casing volumes 3*CV)(gals): 1.7184	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.57	1.15	1.72				
Time (military)	0929	0938	NM	NM				0935
PH (s.u.)	5.67	5.49						
Specific Conductivity (µS/cm)	78.4	81.7						
Water Temperature (°C)	20.8	20.5						
Turbidity (NTU)	22.98	26.33						
Dissolved Oxygen (mg/L)	2.53	2.42						

Sampling Data

Sampled By: SLM	Sampling Time: 0938	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: well DRY after 0.5 Gall

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Cokley, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-12	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 12.40
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.70		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 4.7	1 casing volume (CV=LWC*C)(gals): 0.752	3 casing volumes 3*CV)(gals): 2.256	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.75	1.5	2.3				
Time (military)	920	925	928	937				937
PH (s.u.)	6.09	6.16	5.56	6.72				
Specific Conductivity (µS/cm)	62.8	63.3	54.8	1.4				
Water Temperature (°C)	21.1	21.0	21.3	19.2				
Turbidity (NTU)	43.50	243.40	455.90	19.10				
Dissolved Oxygen (mg/L)	2.58	2.75	2.45	9.16				

Sampling Data

Sampled By: Matt Cokley	Sampling Time: 937	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Matt Cokley

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-13	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 11.55
Depth to Free Product (DFP) (ft.): ___	Depth to Groundwater (DGW) (ft.): 8.16		Free Product Thickness (ft.): ___
Length of water column (LWC=TWD-DGW)(ft.): 3.39	1 casing volume (CV=LWC*C)(gals): 0.5424	3 casing volumes 3*CV)(gals): 1.6272	5 casing volumes (5*CV)(gals): ___

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.54	1.08	1.63				
Time (military)	845	850	853	857				857
PH (s.u.)	5.87	5.55	5.76	5.70				
Specific Conductivity (µS/cm)	38.9	63.2	2.62	55.6				
Water Temperature (°C)	20.4	20.4	20.4	20.5				
Turbidity (NTU)	111.82	514.77	862.77	1201.06				
Dissolved Oxygen (mg/L)	2.32	2.46	2.72	3.07				

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 857	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Matt Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-14	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___ Pump
✓MW ___IW ___RW ___Other ___ ___Private WSW ___Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 11.05
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.22		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): ~~4.28~~ 3.83	1 casing volume (CV=LWC*C)(gals): 0.6128	3 casing volumes 3*CV)(gals): 1.8384	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.613	1.23	1.84				
Time (military)	0845	0850	0857	0904				0904
PH (s.u.)	6.16	5.73	5.56	5.46				
Specific Conductivity (µS/cm)	64.1	76.6	82.2	82.1				
Water Temperature (°C)	20.6	20.7	21.1	20.8				
Turbidity (NTU)	46.71	764.01	919.34	906.77				
Dissolved Oxygen (mg/L)	3.04	2.73	2.32	2.33				

Sampling Data

Sampled By: SLM	Sampling Time: 0904	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-15	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: ✓Bailer ___ Pump
✓MW ___IW ___RW ___Other ___ ___Private WSW ___Public WSW		Screened Interval (ft.): to 3 to 13		Total Well Depth (TWD) (ft.): 13.15
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): ~~9.11~~ 9.56			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.57	1 casing volume (CV=LWC*C)(gals): 0.5712	3 casing volumes 3*CV)(gals): 0.5712		5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.57	1.14	0.57				
Time (military)	1609	1612	NM	NM				1612
PH (s.u.)	5.67	7.49	↓	↓				
Specific Conductivity (µS/cm)	167.4	1.3						
Water Temperature (°C)	22.3	25.7						
Turbidity (NTU)	171.12	6.63						
Dissolved Oxygen (mg/L)	1.99	8.20						

Sampling Data

Sampled By: Matt Caskey Sampling Time: 1612 Duplicate: Y or (N) If yes, Duplicate Time:

Notes: Limited volume, well went dry at 0.75 gallons

Signature: Matthew Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101825	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-16	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 19.80
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.38		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 1.42	1 casing volume (CV=LWC*C)(gals): 0.23	3 casing volumes 3*CV)(gals): 0.68	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.2078	0.46	0.68				
Time (military)	1501	~~~~ NM	→					1501
PH (s.u.)	NM →	↓						
Specific Conductivity (µS/cm)	↓							
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 1501	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not enough water for parameters
Well went dry at 0.25 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-17	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: ✓Bailer __Pump
✓MW __IW __RW __Other __Private WSW __Public WSW		Screened Interval (ft.): to		Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.):			Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	NM →							
Time (military)								
PH (s.u.)								NS
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: ~~Matthew~~ Caskey	Sampling Time: NS	Duplicate: Y or N	If yes, Duplicate Time:

Notes: DRY, no parameters

Signature: Matthew Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Mart Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-1B	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): to 3 to 13	Total Well Depth (TWD) (ft.): 12.95	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.92	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 3.03	1 casing volume (CV=LWC*C)(gals): ~~1.518~~ 0.4848	3 casing volumes 3*CV)(gals): ~~4~~ 1.4544	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.92 0.48	0.97	1.45				
Time (military)	1610	1623	NM	NM				1623
PH (s.u.)	5.47	5.57	↓	↓				
Specific Conductivity (µS/cm)	60.6	1.1						
Water Temperature (°C)	22.6	23.9						
Turbidity (NTU)	9.44	11 22.74						
Dissolved Oxygen (mg/L)	2.71	8.71						

Sampling Data

Sampled By: SM	Sampling Time: 1623	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: well dry after 0.4 gall

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 03825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-19	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 13.06
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.41		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 4.65	1 casing volume (CV=LWC*C)(gals): 0.744	3 casing volumes 3*CV)(gals): 2.232	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.74	1.49	2.23				
Time (military)	1630	1634	1637	1642				1642
PH (s.u.)	5.49	5.56	5.81	5.36				
Specific Conductivity (µS/cm)	49.2	93.6	85.2	46.3				
Water Temperature (°C)	22.0	21.5	21.3	22.0				
Turbidity (NTU)	276.31	2106.43	1791.81	1201.17				
Dissolved Oxygen (mg/L)	2.41	2.72	2.49	2.47				

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 1642	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: ___

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/7/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-20	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 13.76
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.61		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 4.15	1 casing volume (CV=LWC*C)(gals): 4.15 0.664	3 casing volumes 3*CV)(gals): 1.992	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	~~4.15~~ 0.66	1.33	1.49				
Time (military)	1123	1125	NM	NM				1125
PH (s.u.)	6.36	6.03						
Specific Conductivity (µS/cm)	149.2	89.5						
Water Temperature (°C)	23.7	23.7						
Turbidity (NTU)	51.51	266.37						
Dissolved Oxygen (mg/L)	2.45	2.31						

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 1125	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 0.5 gallons

DJ ars

Signature: Matthew Caskey

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101825	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-21	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ Private WSW ___ Public WSW		Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): —
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): —			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): —	1 casing volume (CV=LWC*C)(gals): —	3 casing volumes 3*CV)(gals): —		5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	NM →							
Time (military)								
PH (s.u.)								NS
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: NS	Sampling Time: NS	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not found

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Coskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0 (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-22	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): to 4 to 14	Total Well Depth (TWD) (ft.): —	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): —	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): —	1 casing volume (CV=LWC*C)(gals): —	3 casing volumes 3*CV)(gals): —	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	NM →					→		
Time (military)	↓							NS
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: NS	Sampling Time: NS	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not found

Signature: Matthew Coskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-23	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.50
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): —		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): —	1 casing volume (CV=LWC*C)(gals): —	3 casing volumes 3*CV)(gals): —	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	NM →					→		
Time (military)	↓							
PH (s.u.)								NS
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: NS	Sampling Time: NS	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: DRY Well

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Cooley, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-24	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 13.24
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.67		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.57	1 casing volume (CV=LWC*C)(gals): 0.57	3 casing volumes 3*CV)(gals): 1.71	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.5712	1.14	1.71				
Time (military)	1346	1350	NM →					1350
PH (s.u.)	5.97	6.12	↓					
Specific Conductivity (µS/cm)	198.0	200.4						
Water Temperature (°C)	22.9	22.6						
Turbidity (NTU)	91.02	101.34						
Dissolved Oxygen (mg/L)	1.78	1.64						

Sampling Data

Sampled By: Matt Cooley	Sampling Time: 1350	Duplicate: (Y) or N	If yes, Duplicate Time: 1350

Notes: well went dry at 0.75 gallons

Signature: Matthew Cooley

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/29/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101826	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-25	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): to 4.5 to 14.5		Total Well Depth (TWD) (ft.): 14.21
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.10		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.11	1 casing volume (CV=LWC*C)(gals): 0.50	3 casing volumes 3*CV)(gals): 1.4928	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	~~0.498~~ 0.5	~~0.10~~	1.49				
Time (military)	1145	1147	NM →					
PH (s.u.)	5.81	5.63						1147
Specific Conductivity (µS/cm)	71.4	90.6						
Water Temperature (°C)	23.4	23.0						
Turbidity (NTU)	43.24	169.32						
Dissolved Oxygen (mg/L)	0.54	3.15	↓					

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 1147	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Limited volume, Well went dry at 0.5 gallons

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101836	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-26	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): to 5 to 15		Total Well Depth (TWD) (ft.): 13.39
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.08		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.29	1 casing volume (CV=LWC*C)(gals): 0.53	3 casing volumes 3*CV)(gals): 1.58	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.53	1.05	1.58				
Time (military)	1046	1048	NM →					
PH (s.u.)	5.21	7.14						1048
Specific Conductivity (µS/cm)	61.9	0.5						
Water Temperature (°C)	23.7	24.6						
Turbidity (NTU)	971.05	115.22						
Dissolved Oxygen (mg/L)	2.06	8.37	↓					

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 1048	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Coakley, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101826	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-27	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 5 to 15	Total Well Depth (TWD) (ft.): 14.34
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.81		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.53	1 casing volume (CV=LWC*C)(gals): 0.5644	3 casing volumes 3*CV)(gals): 1.6944	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.56	1.13	1.69				
Time (military)	1127	1140	NM	NM				1140
PH (s.u.)	6.21	6.46						
Specific Conductivity (µS/cm)	207.2	255.8						
Water Temperature (°C)	22.2	22.2						
Turbidity (NTU)	17.73	498.63						
Dissolved Oxygen (mg/L)	2.16	3.40						

Sampling Data

Sampled By: SLM	Sampling Time: 1140	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: * ODORS IN GW
WELL DRY AFTER 0.5 GALLONS

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101826	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-26	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 5 to 15	Total Well Depth (TWD) (ft.): 13.58
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.09		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 2.49	1 casing volume (CV=LWC*C)(gals): 0.3984	3 casing volumes 3*CV)(gals): 1.1952	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.40	0.8	1.20				
Time (military)	1551	1554	NM	NM				1554
PH (s.u.)	5.01	5.01						
Specific Conductivity (µS/cm)	61.9 ~~2.80 sm~~	61.9						
Water Temperature (°C)	24.3	25.2						
Turbidity (NTU)	121.03	116.57						
Dissolved Oxygen (mg/L)	2.90	2.83						

Sampling Data

Sampled By: SLM	Sampling Time: 1554	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: DRY AFTER 0.3 GAL

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-29	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 6.89
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 12.92		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 5.93	1 casing volume (CV=LWC*C)(gals): 0.9488	3 casing volumes 3*CV)(gals): 2.8464	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.95	~~1.5~~ 1.9	2.85				
Time (military)	808	811	817	824				
PH (s.u.)	5.76	5.56	5.55	5.73				
Specific Conductivity (µS/cm)	95.9	85.3	41.6	87.5				
Water Temperature (°C)	20.0	20.0	20.0	19.6				
Turbidity (NTU)	37.91	3888.89	12 315.37	10 232.40				
Dissolved Oxygen (mg/L)	2.25	2.24	2.52	3.20				

Sampling Data

Sampled By: Matthew Caskey	Sampling Time: 824	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Matthew Caskey

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-30	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___ Private WSW ___Public WSW		Screened Interval (ft.): to ~~2.01~~ 4 to 14	Total Well Depth (TWD) (ft.): 13.40
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.01		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 5.39	1 casing volume (CV=LWC*C)(gals): 0.86	3 casing volumes 3*CV)(gals): 1.72 → 2.59	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.56	1.72	2.59				
Time (military)	1422	1427	NM →					1437
PH (s.u.)	5.05	5.30	↓					
Specific Conductivity (µS/cm)	34.5	45.0						
Water Temperature (°C)	23.7	25.3						
Turbidity (NTU)	52.58	279.97						
Dissolved Oxygen (mg/L)	1.95	2.86						

Sampling Data

Sampled By: Matthew Caskey	Sampling Time: 1437	Duplicate: Y or (N)	If yes, Duplicate Time: —

Notes: well went dry at 0.75 gallons

Signature: Matthew Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-31	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 5 to 15	Total Well Depth (TWD) (ft.): 14.41
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 8.03		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 6.38	1 casing volume (CV=LWC*C)(gals): 1.0208	3 casing volumes 3*CV)(gals): 3.0624	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.26	1.02	0.04	3.06				
Time (military)	950	953	957	NM				959
PH (s.u.)	5.71	5.30	7.04					
Specific Conductivity (µS/cm)	38.1	67.4	2.2					
Water Temperature (°C)	20.3	20.7	19.3					
Turbidity (NTU)	56.88	638.85	21.36					
Dissolved Oxygen (mg/L)	2.90	2.76	9.36					

Sampling Data

Sampled By: Matt Caskey | Sampling Time: 959 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: Well went dry at 1.75 gallons

Signature: Matt Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-32	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 5 to 15		Total Well Depth (TWD) (ft.): 14.31
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.04			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 5.27	1 casing volume (CV=LWC*C)(gals): 0.8432	3 casing volumes 3*CV)(gals): ~~1.6864~~ 2.53		5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.26	0.84	1.686	2.53				
Time (military)	1015	1017	1019	NM				1019
PH (s.u.)	5.78	5.96	6.54	↓				
Specific Conductivity (µS/cm)	67.1	68.7	68.2					
Water Temperature (°C)	20.6	20.5	20.3					
Turbidity (NTU)	45.38	2860.3	2813.59					
Dissolved Oxygen (mg/L)	2.23	2.70	6.02					

Sampling Data

Sampled By: Matt Caskey	Sampling Time: 1019	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 1.26 gallons

Signature: Matthew Caskey

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lencir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-33	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 12.41
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.86		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 5.05	1 casing volume (CV=LWC*C)(gals): 0.808	3 casing volumes 3*CV)(gals): [redacted] 2.424	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.81	1.62	2.42				
Time (military)	1000	1010	NM →					1010
PH (s.u.)	5.66	5.34	↓					
Specific Conductivity (µS/cm)	1.3	60.2						
Water Temperature (°C)	20.1	20.1						
Turbidity (NTU)	32.11	659.71						
Dissolved Oxygen (mg/L)	2.61	3.37						

Sampling Data

Sampled By: SLM	Sampling Time: 1010	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well dry after 0.75 gallons

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-34	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 14.49
Depth to Free Product (DFP) (ft.): ———	Depth to Groundwater (DGW) (ft.): 10.74		Free Product Thickness (ft.): ———
Length of water column (LWC=TWD-DGW)(ft.): 3.75	1 casing volume (CV=LWC*C)(gals): 0.6	3 casing volumes 3*CV)(gals): 1.8	5 casing volumes (5*CV)(gals): ———

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.6	1.2	1.8				
Time (military)	0803	0815	0820	0831				0831
PH (s.u.)	5.67	5.14	4.97	5.46				
Specific Conductivity (µS/cm)	73.6	69.2	62.6	71.7				
Water Temperature (°C)	20.1	20.1	20.2	19.3				
Turbidity (NTU)	2192	1190.75	1550.75	888.63				
Dissolved Oxygen (mg/L)	4.22	4.01	4.15	4.70				

Sampling Data

Sampled By: SLM	Sampling Time: 0831	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ———

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-35	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to 3 to 13		Total Well Depth (TWD) (ft.): 12.53
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.04		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 3.49	1 casing volume (CV=LWC*C)(gals): 0.5584	3 casing volumes 3*CV)(gals): 1.68	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.56	1.12	1.68				
Time (military)	1640	1647	1655	sunTS 1705				1705
PH (s.u.)	5.26	5.21	5.08	4.93				
Specific Conductivity (µS/cm)	71.9	73.3	68.1	66.5				
Water Temperature (°C)	22.7	22.1	21.4	21.8				
Turbidity (NTU)	44.32	1370.47	1870.67	1426.45				
Dissolved Oxygen (mg/L)	3.75	4.03	4.68	4.31				

Sampling Data

Sampled By: SLM | Sampling Time: 1705 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/9/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam Mckay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: TW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
___MW ___IW ___RW ✓Other TW ___Private WSW ___Public WSW		Screened Interval (ft.): to 36.—41	Total Well Depth (TWD) (ft.): 39.81
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 10.41		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 29.4	1 casing volume (CV=LWC*C)(gals): 4.704	3 casing volumes 3*CV)(gals): 14.11	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.704	9.41	14.11				
Time (military)	928	940	953	NR/NM				0955
PH (s.u.)	6.12	6.31	7.74					
Specific Conductivity (µS/cm)	50.2	63.2	267.8					
Water Temperature (°C)	22.2	20.2	23.7					
Turbidity (NTU)	213.25	80.60	125.46					
Dissolved Oxygen (mg/L)	6.43	5.81	8.11					

Sampling Data

Sampled By: Matthew Caskey	Sampling Time: 0955	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Limited volume, well went dry at 6.75 gallons

Signature: Matthew Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: TW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ✓Other TW ___Private WSW ___Public WSW		Screened Interval (ft.): to 33 to 38	Total Well Depth (TWD) (ft.): 36.11
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 9.84		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 26.27	1 casing volume (CV=LWC*C)(gals): 4.20	3 casing volumes 3*CV)(gals): 12.61	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.20	8.41	12.61				
Time (military)	1110	1144	1201	NM				1201
PH (s.u.)	6.83	7.47	8.02	↓				
Specific Conductivity (uS/cm)	139.7	5.92	0.4					
Water Temperature (°C)	24.4	21.4	23.8					
Turbidity (NTU)	63.48	63.82	18.05					
Dissolved Oxygen (mg/L)	7.14	5.93	7.07					

Sampling Data

Sampled By: Matthew Caskey	Sampling Time: 1201	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 7.75 gallons

Signature: Matthew Caskey

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0 (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: TW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
___MW ___IW ___RW ✓Other TW ___Private WSW ___Public WSW	Screened Interval (ft.): to 35 to 40	Total Well Depth (TWD) (ft.): 39.25	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 11.03	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 28.22	1 casing volume (CV=LWC*C)(gals): 7.06	3 casing volumes 3*CV)(gals): 21.17	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.06	14.11	21.17				
Time (military)	1230	1252	NM →					1252
PH (s.u.)	5.93	6.28	↓					
Specific Conductivity (µS/cm)	75.1	2.2						
Water Temperature (°C)	23.5	25.9						
Turbidity (NTU)	51.84	6.53						
Dissolved Oxygen (mg/L)	5.47	3.42						

Sampling Data

Sampled By: Matthew Caskey	Sampling Time: 1252	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes:
Limited volume, well went dry at 6.25 gallons

Signature: Matthew Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/3/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0 (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ✓ Pump
___MW ___IW ___RW ___Other ✓Private WSW ___Public WSW	Screened Interval (ft.): — to —		Total Well Depth (TWD) (ft.): —
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): —		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): —	1 casing volume (CV=LWC*C)(gals): —	3 casing volumes 3*CV)(gals): —	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	NM							
Time (military)	↓							
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Corey Buchanan	Sampling Time: NS	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Pump disconnected from well. Original well inactive for years

Signature: Matthew Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101836	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: WSW-2	Well Diameter (ft.): NA	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ✓ Pump
__MW __IW __RW __Other ✓ Private WSW __Public WSW	Screened Interval (ft.): — to —	Total Well Depth (TWD) (ft.): —	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): —	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): —	1 casing volume (CV=LWC*C)(gals): —	3 casing volumes 3*CV)(gals): —	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	NM							
Time (military)	↓							
PH (s.u.)								1256
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Corey Buchanan	Sampling Time: 1256	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Site inside sp[illegible] 8 Invent Locate GI 4200 Elevated R-56, owner confirmed well portable all

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101826	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0 (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: WSW-3	Well Diameter (ft.): NA	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ___Other ___ ✓ Private WSW ___Public WSW		Screened Interval (ft.): to	Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.):		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	N/A							
Time (military)								
PH (s.u.)								17.1
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	↓							

Sampling Data

Sampled By: Corey Buchanan	Sampling Time: 1421	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well house Vented @ 1010 Letting WSW-3 no address Portable well

Signature: Matthew Q

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Matt Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101826	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101935	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: WSW-4	Well Diameter (ft.): —	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ✓ Pump
___MW ___IW ___RW ___Other ✓ Private WSW ___Public WSW	Screened Interval (ft.): — to —		Total Well Depth (TWD) (ft.): —
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): —		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): —	1 casing volume (CV=LWC*C)(gals): —	3 casing volumes 3*CV)(gals): —	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	NS NM							
Time (military)	↓							
PH (s.u.)								NS
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Corey Buchanan	Sampling Time: NS	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes:

No spigot from well to sample. Corey states he will be back home to confirm

Signature: Matthew Q

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lencir Store	Field Personnel: Mart Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101826	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: WSW-6	Well Diameter (ft.): —	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ✓ Pump
__MW __IW __RW __Other ✓ Private WSW __Public WSW	Screened Interval (ft.): to —		Total Well Depth (TWD) (ft.): —
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): —		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): —	1 casing volume (CV=LWC*C)(gals): —	3 casing volumes 3*CV)(gals): —	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)								
Time (military)	1330							1335
PH (s.u.)	NM							
Specific Conductivity (µS/cm)	↓							
Water Temperature (°C)	↓							
Turbidity (NTU)	↓							
Dissolved Oxygen (mg/L)	↓							

Sampling Data

Sampled By: Corey Buchanan	Sampling Time: 1335	Duplicate: (Y) or N	If yes, Duplicate Time: 1340

Notes: Pump used from upright located at Pinnacle #2 on Stream
DUP-C
NO DTW heard to verify gallons on water meter (1.7 gal)

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/8/2019	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Mart Caskey, Sam McKay, Corey Buchanan
County: Sumter County	Project Manager: Tom Knight	General Weather Conditions: Sunny	Ambient Air Temp (°F): 60° to 81°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	17A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: WSW-7	Well Diameter (ft.): —	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✗ Bailer ✓ Pump
__MW __IW __RW __Other_____ ✓ Private WSW __Public WSW		Screened Interval (ft.): — to —	Total Well Depth (TWD) (ft.): —
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): —		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): —	1 casing volume (CV=LWC*C)(gals): —	3 casing volumes 3*CV)(gals): —	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)								
Time (military)	1345							1345
PH (s.u.)	NM							
Specific Conductivity (µS/cm)	↓							
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)	↓							

Sampling Data

Sampled By: Corey Buchanan	Sampling Time: 1345	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Owner unaware well is abandoned still found upright @ 3200 Hwy 5 Rural Route

Signature: Martin Caskey

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 12/6/19	Site ID #: 08825	Site Name: LEMON'S STORE	Field Personnel: [illegible]
County:	Project Manager: TOM KNIGHT	General Weather Conditions: SUNNY	Ambient Air Temp (°F): 65

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)		pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)		Y or N			
LaMotte (Turbidity)		0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: DSW 5	Well Diameter (ft.): NO	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ___Bailer _X_Pump
___MW ___IW ___RW ___Other_____ _X_Private WSW ___Public WSW		Screened Interval (ft.): to	Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.):		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	N/M							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Chris Buchanan	Sampling Time: 1310	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: [signature]

APPENDIX C

Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. W-191193-5

2. Page 1 of

3. Generator's Name and Mailing Address Lenoir Store 3240 Horatio Flagood Rd Horatio, SC

4. Generator's Phone ( )

5. Transporter 1 Company Name: HERR, INC.

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone 910-640-2607

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: HERR, INC. 303 S. MAULTSBY ST. WHITEVILLE, NC 28472

10. US EPA ID Number: NCR-000139816

E. State Facility's ID

F. Facility's Phone 910-640-2607

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-REG. PETROLEUM CONTACT WATER			50.70	GAL
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: W Scott Ball GET

Signature: W Scott Ball

Date: Month 10 Day 21 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Kenneth R Pomeroy Jr

Signature: Kenneth R Pomeroy Jr

Date: Month 10 Day 21 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.

Printed/Typed Name: Ryan Coy

Signature: Ryan Coy

Date: Month 10 Day 21 Year 19

NON-HAZARDOUS WASTE

APPENDIX D

Contractor Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			X
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	X		
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?			X
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?			X
12	Has the primary soil type been described?			X
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?			X
17	Has the method of well development been detailed?			X
18	Has justification been provided for the locations of the monitoring wells?			X
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?			X
20	Has the groundwater sampling methodology been detailed?	X		
21	Have the groundwater sampling dates and groundwater measurements been provided?	X		
22	Has the purging methodology been detailed?	X		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	X		
24	If free-product is present, has the thickness been provided?			X
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	X		
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	X		
40	Has the site potentiometric map been provided? (Figure 5)	X		
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	X		
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information.

dhec
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MAY 1 9 2020

UST 96 DOCKETING

CARRIE B LENOIR
3240 HORATIO HAGOOD RD
HORATIO SC 29062-0156

Re: **Site Specific Work Plan (SSWP) Request for Groundwater Sampling**
Lenoir Store, 3240 Horatio Hagood Rd, Horatio
UST Permit #08825
Release reported June 23, 1993
Groundwater Monitoring Report received November 25, 2019
Sumter County

Dear Ms. Lenoir:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels (RBSLs).

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations, implementation of groundwater sampling is necessary. The groundwater sampling must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the UST QAPP is available at https://scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

Groundwater samples should be collected from all monitoring wells associated with the above referenced release and all water supply wells, and surface waters within a 1,000 foot radius of the site and analyzed for BTEX, Naphthalene, MtBE, 1,2-DCA, the 8 oxygenates, and EDB.

Your contractor must complete the SSWP and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence regarding this site, please reference UST Permit # 08825. If there are any questions concerning this project, please contact me at (803) 898-0601 or by email at knightbt@dhec.sc.gov.

Sincerely,

Tom Knight, P.G., Hydrogeologist
Assessment & Unregulated Petroleum Section
UST Management Division
Bureau of Land and Waste Management

cc: Geological Resources Inc., 3502 Hayes Road, Monroe, NC 28110
Technical File

Geological Resources, Inc.

UST
JUN 0 5 2020
PROGRAM

June 3, 2020

UST
97
DOCKETING

Mr. Tom Knight
South Carolina Department of Health
And Environmental Control
Underground Storage Tank Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Re: GRI Proposal No. 20-318
Site Specific Work Plan
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
UST Permit No. 08825
GRI Project No. 2001

Dear Mr. Knight:

Attached is a Site Specific Work Plan for approved ACQAP and the associated Assessment Component Cost Agreement for the above referenced site in Horatio, Sumter County, South Carolina. A comprehensive ground water sampling event is proposed in order to obtain current ground water quality data. Results of the ground water quality data will be reviewed to determine if additional assessment work will be needed at the site.

Please contact me at (704) 845-4010 or by e-mail at wsb@geologicalresourcesinc.com if you have questions or comments concerning this matter.

Sincerely,

W. Scott Ball

W. Scott Ball
Senior Project Manager

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Tom Knight (SCDHEC Project Manager)
From: Scott Ball (Contractor Project Manager)
Contractor: Geological Resources, Inc. UST Contractor Certification Number: 74

Facility Name: Lenoir Store UST Permit #: 08825
Facility Address: 3240 Horatio Hagood Road, Horatio, Sumter County, SC
Responsible Party: Carrie Lenoir c/o Steve Lenoir Phone: (843) 499-4023
RP Address: 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina, 29062-0156
Property Owner (if different): NA
Property Owner Address:
Current Use of Property: Commercial - Country Store and US Post Office

Scope of Work (Please check all that apply)

☐ IGWA ☐ Tier II ☑ Groundwater Sampling ☐ GAC
☐ Tier I ☐ Monitoring Well Installation ☐ Other

Analyses (Please check all that apply)

Groundwater/Surface Water:

☑ BTEXNMDCA (8260B) ☐ Lead ☐ BOD ☐ Methane
☑ Oxygenates (8260B) ☐ 8 RCRA Metals ☐ Nitrate ☐ Ethanol
☑ EDB (8011) ☐ TPH ☐ Sulfate ☐ Dissolved Iron
☐ PAH (8270D) ☐ pH ☐ Other

Drinking Water Supply Wells:

☑ BTEXNMDCA (524.2) ☐ Mecury (200.8 245.1 or 245.2) ☑ EDB (504.1)
☑ Oxygenates & Ethanol (8260B) ☐ RCRA Metals (200.8)

Soil:

☐ BTEXNM ☐ Lead ☐ RCRA Metals ☐ TPH-DRO (3550B/8015B) ☐ Grain Size
☐ PAH ☐ Oil & Grease (9071) ☐ TPH-GRO (5030B/8015B) ☐ TOC

Air:

☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

____ Soil 7 Water Supply Wells ____ Air 2 Field Blank
38 Monitoring Wells ____ Surface Water 3 Duplicate 2 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
# of shallow points proposed: ____ Estimated Footage: ____ feet per point
# of deep points proposed: ____ Estimated Footage: ____ feet per point
Field Screening Methodology:

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.
# of shallow wells: ____ Estimated Footage: ____ feet per point
# of deep wells: ____ Estimated Footage: ____ feet per point
# of recovery wells: ____ Estimated Footage: ____ feet per point
Comments, if warranted:

UST Permit #: 08825 Facility Name: Lenoir Store

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 20 days from approval Field Work Completion: 23 days from approval
Report Submittal: 60 days from approval # of Copies Provided to Property Owners: 1

Aquifer Characterization
Pump Test: ☐ Slug Test: ☐ (Check one and provide explanation below for choice)

Investigation Derived Waste Disposal
Soil: _____ Tons Purge Water: 200 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
Sample monitoring wells MW-1 through MW-35, TW-1, TW-2, TW-3 and water supply wells WSW-1, WSW-2, WSW-3, WSW-4, WSW-6, WSW-7 and WSW-8. All ground water samples collected will be submitted for analyses of BTEX, MTBE, naphthalene, 1, 2-DCA and 8 oxygenates by Method 8260 and EDB by Method 8011.
All monitoring wells will be purged prior to sampling. Water supply well samples will be analyzed by 524.2, 8260 and 504.1.
Two monitoring well samples will be duplicated. One water supply sample will be duplicated. The appropriate trip blanks and field blanks will be collected/submitted.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)
Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.
Name of Laboratory: _____
SCDHEC Certification Number: _____
Name of Laboratory Director: _____

NA Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.
Name of Well Driller: _____
SCLLR Certification Number: _____

No Other variations from ACQAP. Please describe below.

Attachments
1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
   - North Arrow
   - Location of property lines
   - Location of buildings
   - Previous soil sampling locations
   - Previous monitoring well locations
   - Proposed soil boring locations
   - Proposed monitoring well locations
   - Legend with facility name and address, UST permit number, and bar scale
   - Streets or highways (indicate names and numbers)
   - Location of all present and former ASTs and USTs
   - Location of all potential receptors
3. Assessment Component Cost Agreement, SCDHEC Form D-3664

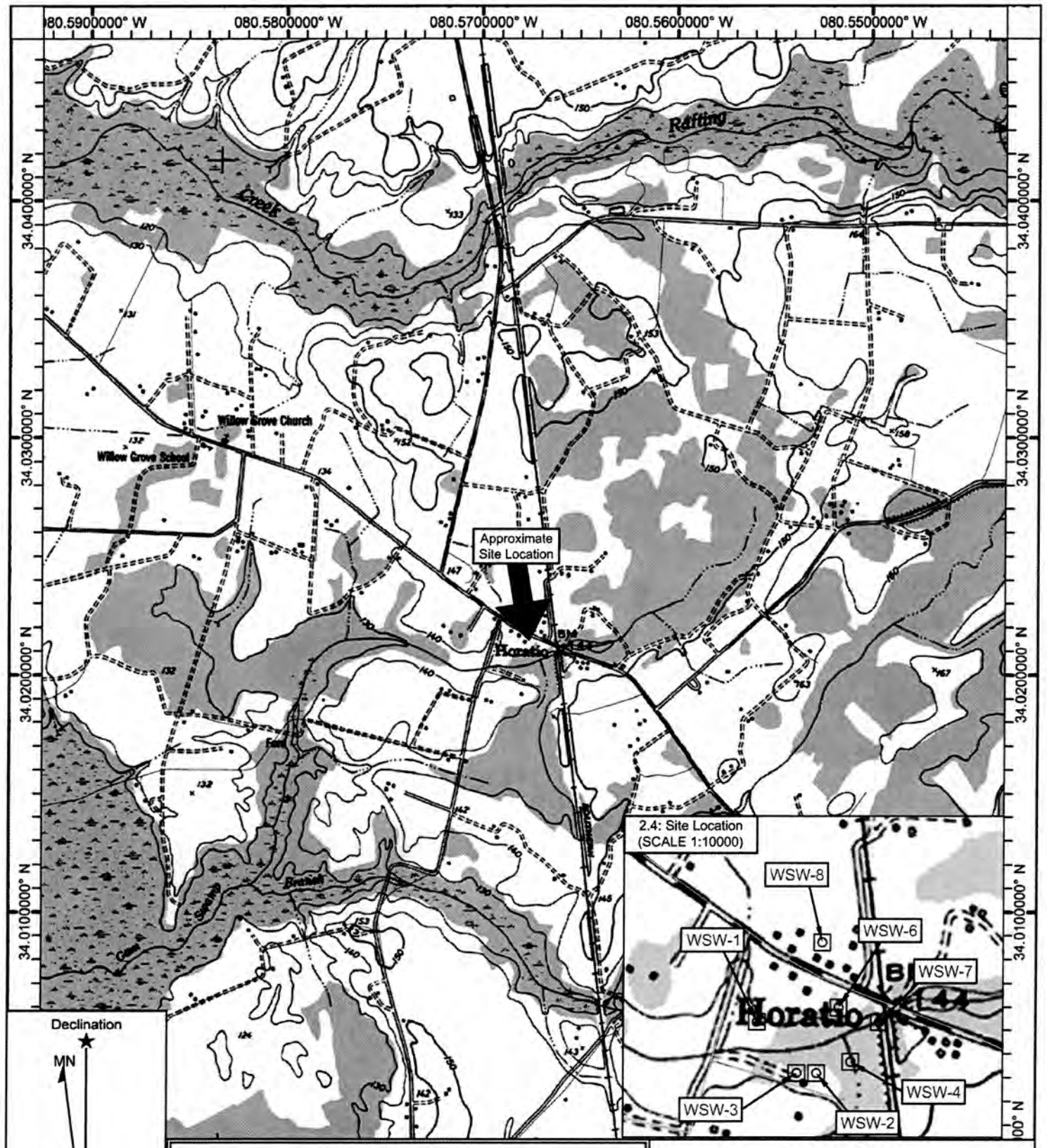


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

SCALE 1:24000

0 1000 2000 3000 4000 5000
FEET

Legend: Water Supply Well

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

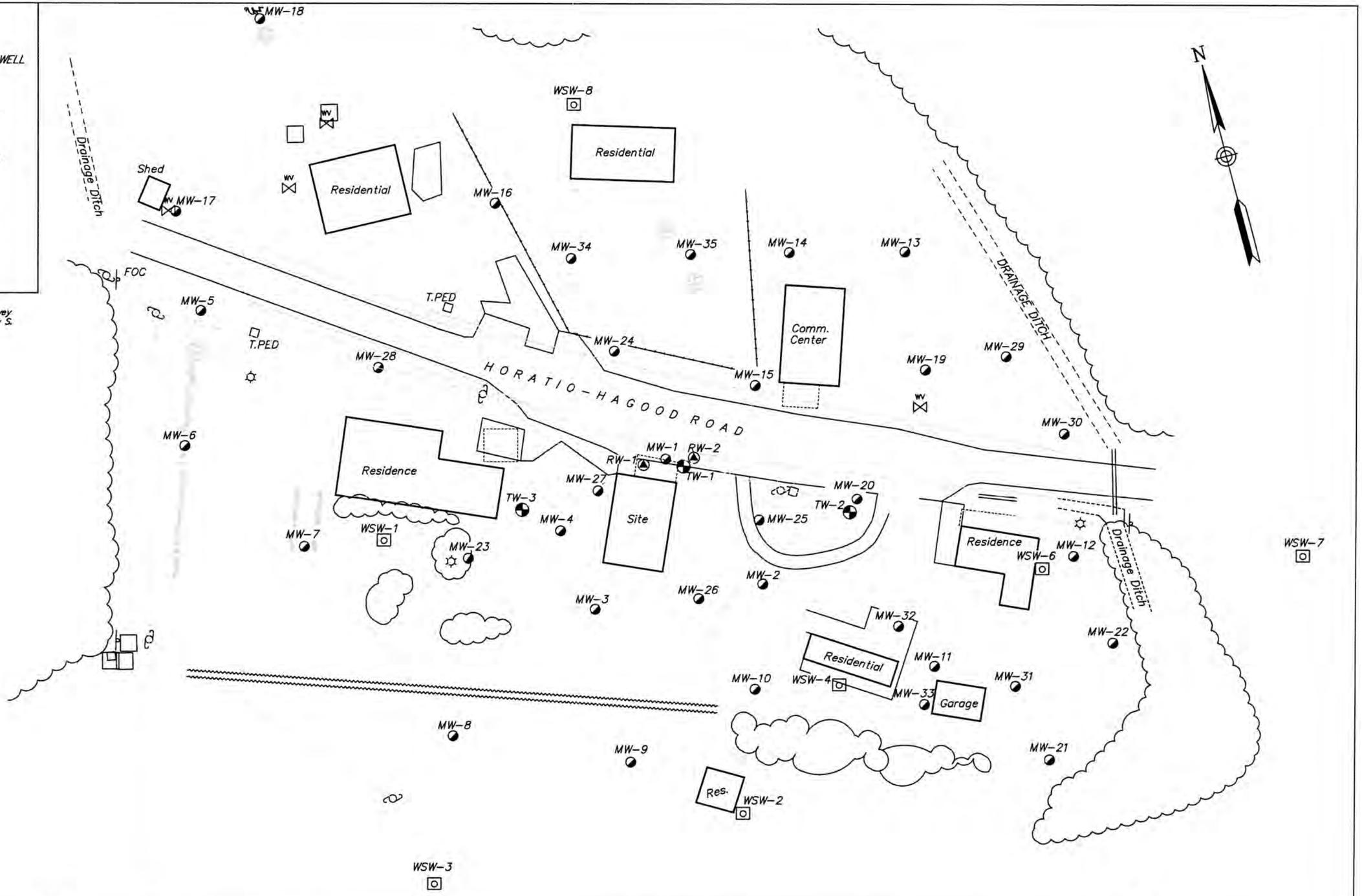
Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Jay S. Joshi of Columbia, SC.



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

SITE MAP

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	10/19/15	Drawn by:	ECH	Figure:	2

dhec
Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: Lenoir Store

UST Permit #: 08825 **Cost Agreement #:** _____ GRI Proposal 20-318

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. **Plan Preparation**					
1. Site-specific Work Plan	1	each	$160.05		$160.05
2. Tax Map		each	$74.69		$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
B. **Receptor Survey ***		each	$587.92		$0.00
C. **Survey (500 ft x 500 ft)**					
1. Comprehensive Survey Subsurface Geophysical Survey		each	$1,109.68		$0.00
2. < 10 meters below grade		each	$1,387.10		$0.00
3. > 10 meters below grade		each	$2,464.77		$0.00
4. Geophysical UST or Drum Survey		each	$970.97		$0.00
D. **Mob/Demob**					
1. Equipment		each	$1,088.34		$0.00
2. Personnel	2	each	$451.34		$902.68
3. Adverse Terrain Vehicle		each	$533.50		$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34		$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***					
1. Standard		per foot	$16.01		$0.00
2. Fractured Rock		per foot	$21.55		$0.00
G. **Soil Leachability Model**		each	$64.02		$0.00
H. **Abandonment (per foot)***					
1. 2" diameter or less		per foot	$3.31		$0.00
2. Greater than 2" to 6" diameter		per foot	$4.80		$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00		$0.00
I. **Well Installation (per foot)***					
1. Water Table (hand augered)		per foot	$11.31		$0.00
2. Water Table (drill rig) 2" Diameter		per foot	$40.55		$0.00
3. Telescoping		per foot	$53.35		$0.00
4. Rock Drilling		per foot	$61.89		$0.00
5. 2" Rock Coring		per foot	$32.97		$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64		$0.00
7. Recovery Well (4" diameter)		per foot	$48.02		$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01		$0.00
9. Rotosonic (2" diameter)		per foot	$46.95		$0.00
10. Re-develop Existing Well		per foot	$11.74		$0.00

J. Groundwater Sample Collection / Gauge Depth to Water or Product *					
1. Groundwater Purge	38	per well	$64.02		$2,432.76
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate	8	sample	$23.47		$187.76
4. Groundwater No Purge or Duplicate or Grab	2	sample	$29.88		$59.76
5. Gauge Well only		sample	$7.47		$0.00
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank	2	sample	$26.25		$52.50
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank		sample	$26.25		$0.00
K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	42	per sample	$130.17		$5,467.14
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011	41	per sample	$48.23		$1,977.43
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)	10	per sample	$132.36		$1,323.60
15. 7-OXYGENATES & ETHANOL (8260B)	10	per sample	$97.90		$979.00
16. EDB (504.1)	9	per sample	$84.83		$763.47
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. **Analyses-Soil**					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer		per sample	$110.97		$0.00
24. Total Organic Carbon		per sample	$32.65		$0.00
K. **Analyses-Air**					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. **Analyses-Free Phase Product**					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. **Aquifer Characterization***					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test		per test	$203.80		$0.00
3. Fractured Rock		per test	$106.70		$0.00

M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***		each	$260.00		$0.00
Q. **Disposal (gallons or tons)***					
1. Wastewater	200	gallon	$0.60		$120.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal		ton	$64.02		$0.00
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00
X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00

6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*		each	$53.35		$0.00
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*		each	$125.91		$0.00
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock		each	$16.00		$0.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*		each	$160.05		$0.00
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$14,426.15		$1,731.14
TOTAL					$16,157.29

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary

dhec
Healthy People. Healthy Communities.

SEP 2 5 2020

CARRIE B LENOIR
3240 HORATIO HAGOOD RD
HORATIO SC 29062-0156

Re: **Notice to Proceed with Groundwater Sampling**
Lenoir Store, 3240 Horatio Hagood Rd, Horatio
UST Permit #08825, CA # 61721
Release reported June 29, 1993
Site Specific Work Plan (SSWP) received June 5, 2020
Sumter County

Dear Ms. Lenoir:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site-Specific Work Plan (SSWP) submitted by your contractor. All work should be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's approved SSWP and Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the current revision of the UST QAPP is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/

The groundwater sampling event should begin immediately upon receipt of this letter. The Cost Agreement number noted above has been approved for the amount shown on the enclosed cost agreement form. The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

The Monitoring report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the Division within sixty (60) days of the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the UST QAPP.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Division is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Division for the cost to be paid. The Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work. Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by R.61-98.

The Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit # 08825. If there are any questions concerning this project, please contact me at (803) 898-0601 or by email at knightbt@dhec.sc.gov.

Sincerely,

Tom Knight, P.G., Hydrogeologist
Assessment & Non-Permitted Petroleum Section
UST Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement
cc: Geological Resources Inc., 3502 Hayes Road, Monroe, NC 28110 (w/enc)
Technical File (w/enc)

Approved Cost Agreement 61721

Facility: 08825 LENOIR STORE
KNIGHTBT
PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
A PLAN PREPARATION						
		1	SITE SPECIFIC WORK PLAN	1.0000	$160.050	160.05
D MOB/DEMOB						
		2	PERSONNEL	2.0000	$451.340	902.68
J SAMPLE COLLECTION						
		1	GROUND WATER PURGE	38.0000	$64.020	2,432.76
		3	WATER SUPPLY SAMPLE/ DUPLICATE	8.0000	$23.470	187.76
		4	GROUNDWATER NO-PURGE/DUPL/GRAB	2.0000	$29.880	59.76
		8	FIELD BLANK	2.0000	$26.250	52.50
K ANALYSES						
	DW DRINKING WATER	14	BTEXNM+1,2 DCA (524.2) WSW	10.0000	$132.360	1,323.60
		15	OXYGENATES & ETHANOL 8260B WSW	10.0000	$97.900	979.00
		16	EDB (504.1) WSW	9.0000	$84.830	763.47
	GW GROUNDWATER	1	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	42.0000	$130.170	5,467.14
		7	EDB BY EPA 8011	41.0000	$48.230	1,977.43
Q DISPOSAL						
		1	WASTEWATER	200.0000	$0.600	120.00
S REPORT PROJECT MANAGEMENT						
		S	REPORT PREP & PROJ. MANAGEMENT	0.1200	$14,692.900	1,763.15
Y WELL REPAIR						
		1	ADDITIONAL COPIES OF REPORT	5.0000	$53.350	266.75
				Total Amount		16,456.05

Geological Resources, Inc.

UST
Tom
NOV 16 2020
DIVISION

UST
99T
DOCKETING

November 13, 2020

Mr. Tom Knight
SCDHEC
UST Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, SC 29201

Re: Ground Water Monitoring Report
October 2020
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
South Carolina
UST Permit Number: 08825
GRI Project No: 2001

Dear Mr. Knight,

Please find enclosed the referenced report for the above mentioned site.

If you have any questions, please do not hesitate to contact Scott Ball at (704) 845-4010.

Sincerely,
Geological Resources, Inc.

Leslie Maxtone-Graham
Administrative Assistant

Enclosure

cc: Ms. Carrie Lenoir, file

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

Geological Resources, Inc.

Ground Water Monitoring Report
October 2020
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
South Carolina
UST Permit Number: 08825
GRI Project Number: 2001

Prepared for:

Ms. Carrie Lenoir
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina 29062

November 10, 2020

JOHN M. BROWN REGISTERED No. 1116 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License No. 1116

W. Scott Ball
Project Manager

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012
Class 1 UST Site Rehabilitation Contractor #74

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Figure 2: Site Map

Figure 3: Water Table Surface Map

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Table 1: Summary of Ground Water Elevation Data

Table 2: Summary of Laboratory Analytical Results – Chemicals of Concern – Ground Water Samples

Table 3: Summary of Laboratory Analytical Results – Oxygenates – Ground Water Samples

APPENDICES

Appendix A: Laboratory Analytical Report - Ground Water Samples

Appendix B: Field Data Information Sheets

Appendix C: Purge Water Disposal Manifest

Appendix D: Contractor Checklist

1. INTRODUCTION

1.1 Project Background

This report presents the results of ground water sampling activities conducted in October 2020 at the Lenoir Store site, located at 3240 Horatio Hagood Road in Horatio, Sumter County, South Carolina (**Figure 1**). The activities were conducted in accordance with the "Notice to Proceed with Groundwater Sampling" directive dated September 25, 2020 from the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the activities was to obtain current ground water quality data for the site. The site currently contains a general store and post office. Adjacent properties are currently used for residential purposes.

A release from the UST system was reported to the SCDHEC on June 29, 1993. One 2,000-gallon gasoline UST was removed from the site on June 4, 1993. One 3,000-gallon gasoline UST was closed in place on June 16, 1999. A Tier I Assessment was completed at the site in October 2003. A Tier II Assessment was completed at the site in April 2008. A total of thirty-five Type III monitoring wells (MW-1 through MW-35), three telescoping wells (TW-1 through TW-3) and two recovery wells (RW-1 and RW-2) have been installed during previous assessment activities conducted at the site. In addition, several AFVR and ground water sampling events have been conducted at the site since completion of the Tier II assessment.

Eight water supply wells (WSW-1 though WSW-8) were identified within 1,000 feet of the source area during a receptor survey conducted in April 2008 as part of the Tier II assessment. Municipal water is available to all properties in the area. The last comprehensive ground water sampling event conducted at the site occurred on October 8 – 9, 2019. Contaminants of concern (COCs) above their respective risk-based screening levels (RBSLs) have been reported in several monitoring wells at the site. This report summarizes the October 2020 ground water monitoring results.

1.2 Regional Geology/Hydrogeology

The site is located in Sumter County in the Piedmont Physiographic Province of South Carolina. The Coastal Plain is part of an extensive geologic province that roughly parallels the Atlantic Ocean and continues northward and southward through the neighboring states. In South Carolina, the Coastal Plain is expressed physiographically in three regional belts: the Upper Coastal Plain, the Middle Coastal Plain and the Lower Coastal Plain. The surface deposits in the Coastal Plain are generally characterized by a recurrent sequence of clean fine to medium sand, muddy fine sand, and clean to muddy medium to coarse sand or gravelly sand. These textures represent changes in depositional environments from beach to backbarrier to river, respectively.

The major aquifer systems in the Middle and Lower Coastal Plain are the Middendorf Aquifer System, Black Creek Aquifer System, the Tertiary Aquifer System and the Surficial Aquifer System. The Surficial Aquifer System consists mostly of beds of unconsolidated sand, shelly sand and shell. In places, clay beds are sufficiently thick and continuous to divide the system into two or three aquifers. However, the system is mostly undivided. Complex interbedding of fine- and coarse-grained sediments is typical of the system. The thickness of the Surficial Aquifer System is typically less than 50 feet but thickens coastward. The sediments that comprise the Surficial Aquifer System range from late Miocene to Holocene in age.

2. SITE INFORMATION

- **Site Identification**
  - Site Name: Lenoir Store
  - Location of Source Area: 3240 Horatio Hagood Road
    Horatio, SC 29062
    Sumter County
    34.0216209°N, 80.5678072°W (Topographical Map)
  - UST Permit Number: 08825
  - Land Use: Commercial

- **Information about Contacts Associated with the Leaking UST System**

UST/AST Owner
Carrie Lenoir
3240 Horatio Hagood Road
Horatio, SC 29062
(803) 499-4023

Property Owner
Carrie Lenoir
3240 Horatio Hagood Road
Horatio, SC 29062
(803) 499-4023

Analytical Laboratory
SGS North America, Inc.
4405 Vineland Road, Suite C-15
Orlando, FL 32811
State Certification No. 96038001
(407) 425-6700

UST/AST Operator
Carrie Lenoir
3240 Horatio Hagood Road
Horatio, SC 29062
(803) 499-4023

Site Rehabilitation Contractor
Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110
704-845-4010
Class 1, Certification Number 74

- **Information about Release**
  - Release was discovered June 29, 1993
  - An unknown amount of product was released from a leaking UST system
  - One 2,000-gallon gasoline UST removed in 1993; one 3,000-gallon gasoline UST closed in place in 2003

3. ASSESSMENT INFORMATION

3.1 Site Geology/Hydrogeology

Based on information obtained during previous site assessment activities, the site is underlain by sandy silt to a depth of approximately 5 feet. This horizon is underlain by sandy clays to a depth of approximately 11 feet. Silts with interbedded sands are below this layer to a depth of approximately 17 feet. A horizon of coarse sands with pebbles extends to a depth of approximately 41 feet. The percentages of sand, silt and clay in a soil sample collected from SB-6 at a depth of 6 feet during Tier I Assessment activities in 2003 were 33.3%, 20.4% and 46.3%, respectively.

The hydraulic conductivity, calculated using the Bouwer and Rice Method, during the Tier II assessment was 4.83×10^{-5} feet per minute (6.96×10^{-2} feet per day) in MW-13 and 2.21×10^{-5} feet per minute (3.18×10^{-2} feet per day) in TW-1. The seepage velocity was 4.64×10^{-2} feet per day (16.92 feet per year) in MW-13 and 2.12×10^{-2} feet per day (7.73 feet per year) in TW-1.

Twenty-seven Type III monitoring wells (MW-1 through MW-6, MW-9 through MW-15, MW-17 through MW-20, MW-23, MW-24, MW-27 through MW-31, and MW-33 through MW-35), and three telescoping monitoring wells (TW-1, TW-2, and TW-3) were gauged, purged, and/or sampled on October 12 and October 13, 2020. The following wells were not located: MW-7, MW-8, MW-16, MW-21, MW-25, and MW-26, and MW-32. The well cover was stuck on MW-22, and could not be sampled. The remaining monitoring wells were purged using dedicated polyethylene bailers prior to sampling.

The depths to ground water in the Type III monitoring wells at the site, measured on October 12, 2020 ranged from 3.16 feet to 7.29 feet below the top of casings. Ground water elevations in the Type III monitoring wells measured to a relative benchmark of 100.00 ranged from 93.43 to 95.25 feet. The general horizontal hydraulic gradient across the site was approximately 0.001 feet/foot toward the west. Locally, ground water highs are located at MW-2, MW-3 and MW-15. The vertical hydraulic gradients calculated for paired wells MW-1/TW-1, MW-20/TW-2, and MW-4/TW-3 were approximately 0.016, 0.003, and 0.002 feet per foot downward, respectively. Water supply wells WSW-2, WSW-7 and WSW-8 were sampled during the October 12 – 13 sampling event. Water supply wells WSW-1 and WSW-3 through WSW-6 were out of service at the time of the site visit and could not be sampled. A Site Map showing the locations of the monitoring wells and the structures on-site has been included as **Figure 2**. The water table surface map is included as **Figure 3**. A summary of ground water gauging data for the October 2020 sampling event is presented in **Table 1**. A summary of the October 2020 gauging data is shown below:

Well No.	Top of Casing Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)
MW-1	100.27	6.64	93.63	14.5	4.5-14.5
MW-2	100.00	5.11	94.89	15	5-15
MW-3	100.41	5.21	95.20	14	4-14
MW-4	100.76	7.16	93.60	12	2-12
MW-5	99.16	5.72	93.44	12	2-12
MW-6	98.32	4.89	93.43	12	2-12
MW-7	99.45	NM	NM	12	2-12
MW-8	98.43	NM	NM	13	3-13
MW-9	99.09	5.40	93.69	12	2-12
MW-10	99.16	5.49	93.67	12	2-12
MW-11	98.23	4.53	93.70	12	2-12
MW-12	97.88	4.03	93.85	13	3-13
MW-13	98.27	4.40	93.87	12	2-12
MW-14	97.29	3.49	93.80	12	2-12
MW-15	99.64	4.39	95.25	13	3-13
MW-16	101.27	NM	NM	13	3-13
MW-17	99.09	5.63	93.46	13	3-13
MW-18	99.71	6.04	93.67	13	3-13
MW-19	98.52	4.72	93.80	14	4-14
MW-20	99.65	5.93	93.72	14	4-14
MW-21	97.64	NM	NM	14	4-14
MW-22	97.35	NM	NM	14	4-14
MW-23	100.47	6.94	93.53	14	4-14
MW-24	99.69	5.95	93.74	14	4-14
MW-25	101.10	NM	NM	14.5	4.5-14.5

Well No.	Top of Casing Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)
MW-26	100.10	NM	NM	15	5-15
MW-27	100.74	7.12	93.62	15	5-15
MW-28	100.92	7.29	93.63	15	5-15
MW-29	96.98	3.16	93.82	14	4-14
MW-30	98.19	3.36	94.83	14	4-14
MW-31	98.12	4.34	93.78	15	5-15
MW-32	99.11	NM	NM	15	5-15
MW-33	97.92	4.24	93.68	15	5-15
MW-34	100.73	7.17	93.56	15	5-15
MW-35	99.07	5.44	93.63	13	3-13
TW-1	100.22	6.91	93.31	41	36-41
TW-2	99.81	6.19	93.62	38	33-38
TW-3	100.95	7.42	93.53	40	35-40

3.2 Ground Water Quality

Field readings (pH, specific conductivity, temperature, dissolved oxygen, and turbidity) were collected from the purged wells after each well volume was removed and recorded on field data information sheets. Ground water samples collected from the monitoring wells were analyzed for the following compounds: BTEX, MTBE, naphthalene, 1, 2-DCA and 8 oxygenates by EPA Method 8260B and EDB by Method 8011. Samples collected from the water supply wells were submitted for BTEX, MTBE and naphthalene analyses by Method 524.2, 8 oxygenates by Method 8260D, and EDB by Method 8011.

Concentrations of BTEX constituents, naphthalene, 1,2-DCA, and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-15, MW-20, MW-24, MW-27, and MW-28. Concentrations of the oxygenate TAA that exceeded the action level were reported in ground water samples MW-20, MW-24, and MW-27. Concentrations of TBA which did not exceed the Action Level were reported in the samples collected from WSW-2 and WSW-7. A summary of the October 2020 ground water sampling data is shown below:

Well No.	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB
RBSL (µg/l)	**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**
MW-1	**52.9**	641	535	6,800	<5.7	**711**	<7.8	0.049
MW-2	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-3	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-4	2.9	<0.30	<0.36	<0.72	<0.23	<1.0	0.36 J	<0.0095
MW-5	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-6	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
MW-7	NS	NS	NS	NS	NS	NS	NS	NS
MW-8	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0096
MW-10	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093
MW-11	0.46 J	<0.30	1.8	0.94 J	<0.23	1.4 J	0.35 J	<0.0094
MW-12	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095

MW-13	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-14	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-15	**20.4**	1.1	76.1	31.1	<0.23	**96.1**	0.39 J	<0.0094
MW-16	NS	NS	NS	NS	NS	NS	NS	NS
MW-17	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-19	<0.31	<0.30	0.89 J	1.7 J	<0.23	<1.0	<0.31	<0.0094
MW-20	**465**	534	**1,900**	8,030	<5.7	**346**	<7.8	<0.0095
MW-21	NS	NS	NS	NS	NS	NS	NS	NS
MW-22	NS	NS	NS	NS	NS	NS	NS	NS
MW-23	<0.31	0.40 J	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
MW-24	**4,180**	**14,900**	**1,550**	**15,700**	<23	**580**	**42.8 J**	**1.8**
MW-25	NS	NS	NS	NS	NS	NS	NS	NS
MW-26	NS	NS	NS	NS	NS	NS	NS	NS
MW-27	**667**	16.1	54.9	451	<1.1	**69.6**	<1.6	<0.0094
MW-28	**9.5**	<0.30	8.5	11.3	<0.23	3.3 J	<0.31	<0.0096
MW-29	<0.31	1.2	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093
MW-30	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-31	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093
MW-32	NS	NS	NS	NS	NS	NS	NS	NS
MW-33	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
MW-34	<0.31	<0.30	<0.36	<0.72	<0.23	1.8 J	<0.31	<0.0096
MW-35	<0.31	<0.30	6.4	14.3	<0.23	4.4 J	<0.31	<0.0096
TW-1	<0.31	<0.30	<0.36	0.85 J	<0.23	<1.0	<0.31	<0.0095
TW-2	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0096
TW-3	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
WSW-2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0037
WSW-7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038
WSW-8	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039

A Ground Water Quality Map based on data from the October 2020 sampling event has been included as **Figure 4**. Summaries of ground water analytical results are presented in **Table 2** and **Table 3**. A complete laboratory analytical report has been included as **Appendix A**. Field Data Information Sheets are attached as **Appendix B**. A disposal manifest for the purge water generated during the sampling event has been included as **Appendix C**.

4. QA/QC

Monitoring well gauging, purging and sampling was conducted in general accordance with the SCDHEC Programmatic QAPP and the approved site specific Contractor Addendum. All wells were purged and sampled with dedicated disposable bailers. All field measurement equipment was properly decontaminated between sampling locations. Duplicate samples from monitoring well MW-1 (DUP A),monitoring well MW-24 (DUP-B), water supply well WSW-2 (DUP-C), a field blank, and a WSW field blank were collected during the sampling activities. A laboratory provided trip blank and WSW trip blank were included in the sample cooler. Laboratory results for each sample and their respective duplicate sample showed the same compounds at similar concentrations. A detectable concentration of TBA which did not exceed the Action Level was reported in the water supply well field blank. The compound was also

present in two of the three water supply well samples collected. No other detectable concentrations of requested method constituents were reported in the field blanks or trip blanks. All applicable items on the Contractor Checklist were reviewed and verified. A copy of the Contractor Checklist is included as **Appendix D**.

5. CONCLUSIONS AND RECOMMENDATIONS

- Twenty-seven Type III monitoring wells and three telescoping monitoring wells were gauged, purged, and/or sampled on October 12 and October 13, 2020.
- The depths to ground water in the Type III monitoring wells at the site, measured on October 12, 2020 ranged from 3.16 feet to 7.29 feet below the top of casings. The general horizontal hydraulic gradient across the site was approximately 0.001 feet/foot toward the west. The vertical hydraulic gradients ranged from 0.003 to 0.016 feet per foot downward.
- Concentrations of BTEX constituents, naphthalene, 1,2-DCA, and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-15, MW-20, MW-24, MW-27, and MW-28. Concentrations of the oxygenate TAA that exceeded the action levels were reported in ground water samples MW-20, MW-24, and MW-27. Concentrations of TBA which did not exceed the Action Level were reported in the samples collected from WSW-2 and WSW-7.
- GRI makes the following recommendations:
- Due to the presence of on-site water supply wells, ground water sampling events should continue at the site.
- AFVR events should be conducted on monitoring wells MW-20, MW-24, and MW-27 to reduce the dissolved-phase contaminant concentrations in those wells.

6. LIMITATIONS

This report has been prepared for the exclusive use of Carrie Lenoir and the SCDHEC for specific application to the referenced site in Sumter County, South Carolina. The assessment was conducted based on the scope of work and level of effort specified by the SCDHEC and with resources adequate only for that scope of work. Our findings have been developed in accordance with generally accepted standards of geology and hydrogeology practices in the State of South Carolina, available information, and our professional judgment. No other warranty is expressed or implied.

The data that are presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. In addition, the data obtained from samples would be interpreted as being meaningful with respect to parameters indicated in the laboratory report. No additional information can logically be inferred from these data.

FIGURES

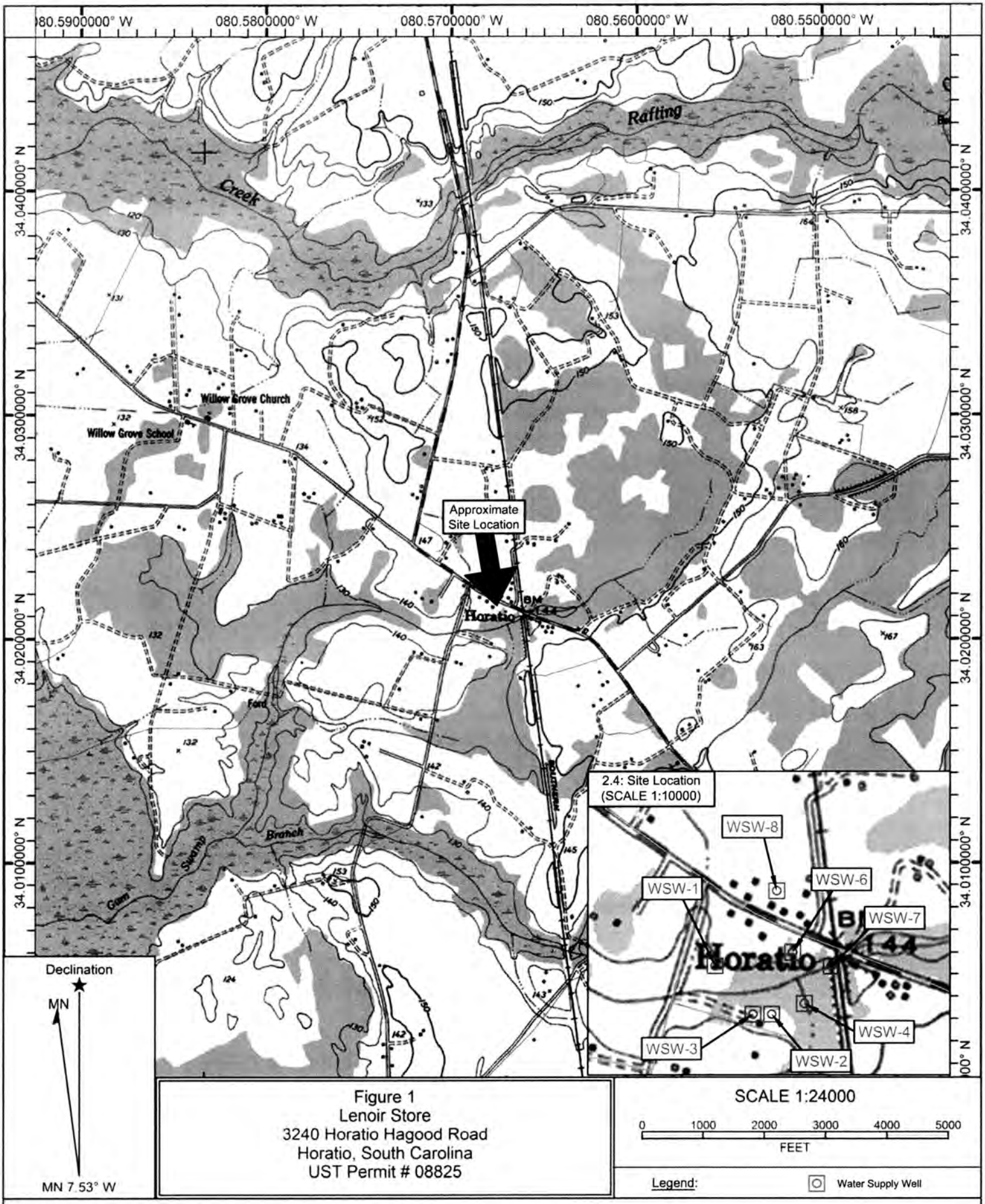


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

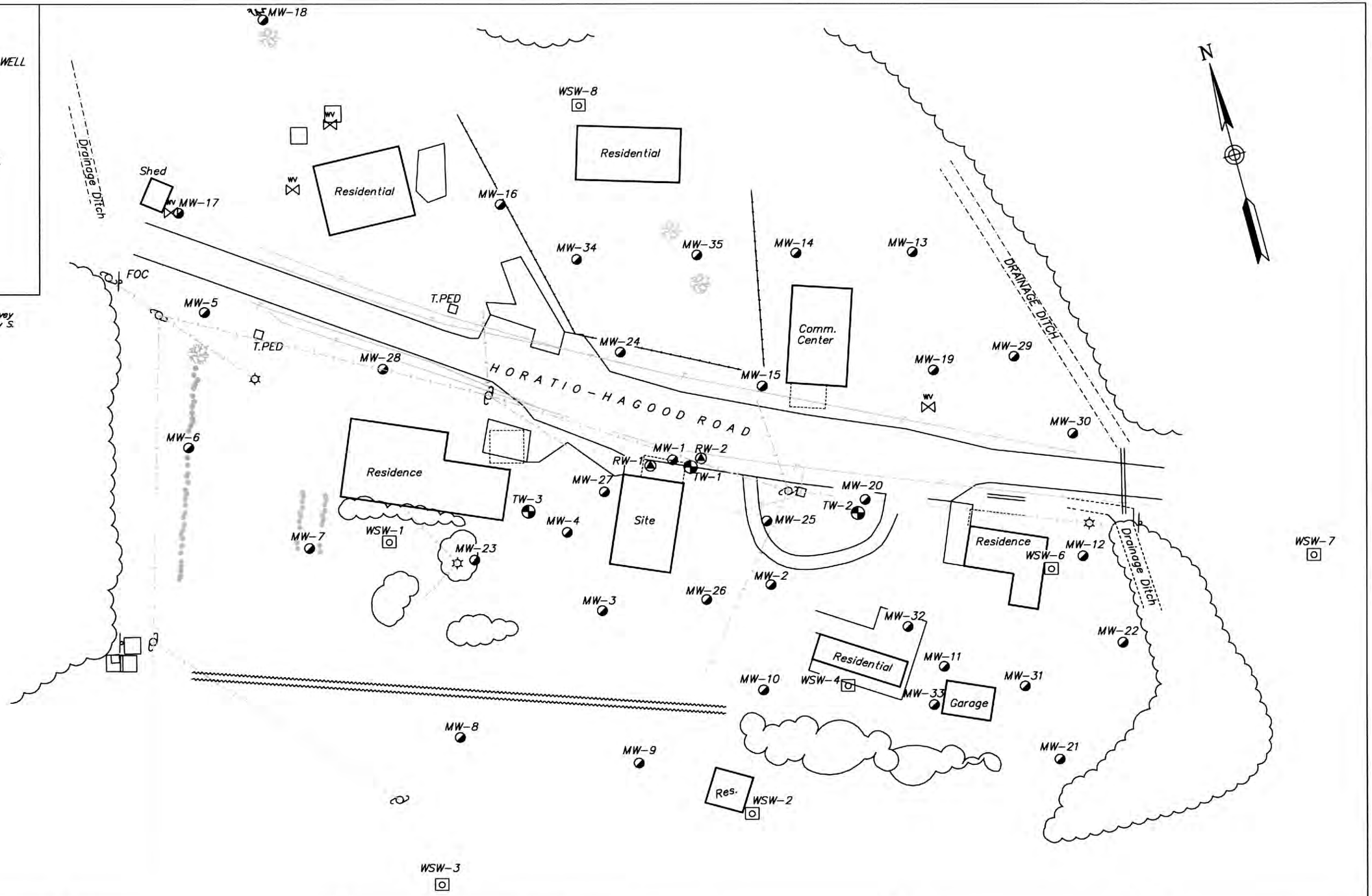
Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Jay S. Joshi of Columbia, SC.



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

SITE MAP

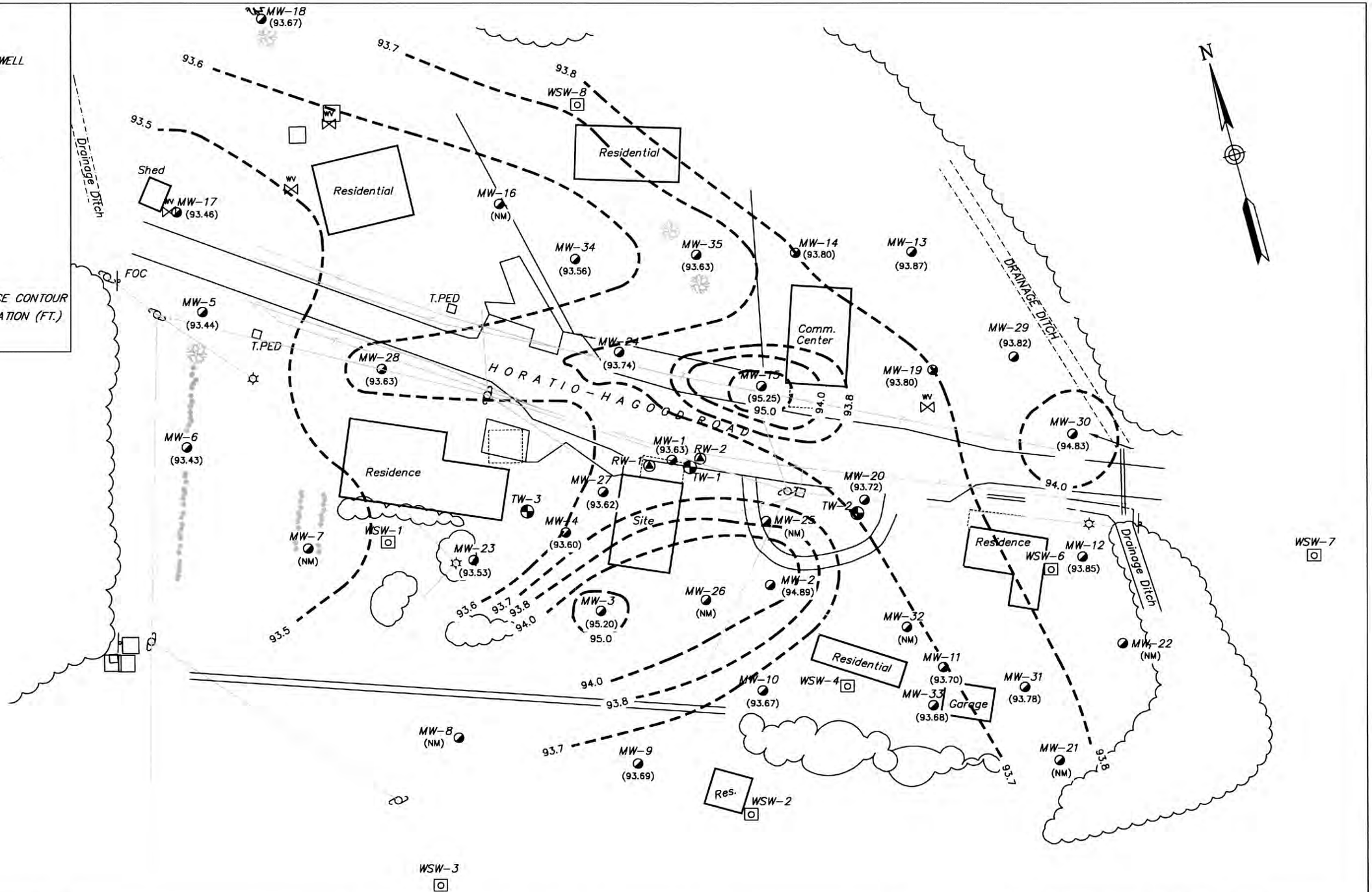
Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	10/19/15	Drawn by:	ECH	Figure:	2

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED — TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE
- 95.0 — WATER TABLE SURFACE CONTOUR
- (89.03) — GROUND WATER ELEVATION (FT.)
- (NM) — NOT MEASURED



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

WATER TABLE SURFACE MAP (10/12/2020)

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, Sumter County, SC

Date:	11/08/2020	Drawn by:	DTH	Figure:	3

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED — TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

52.9	BENZENE
641	TOLUENE
535	ETHYLBENZENE
711	NAPHTHALENE
<7.8	1,2-DCA
0.049	EDB

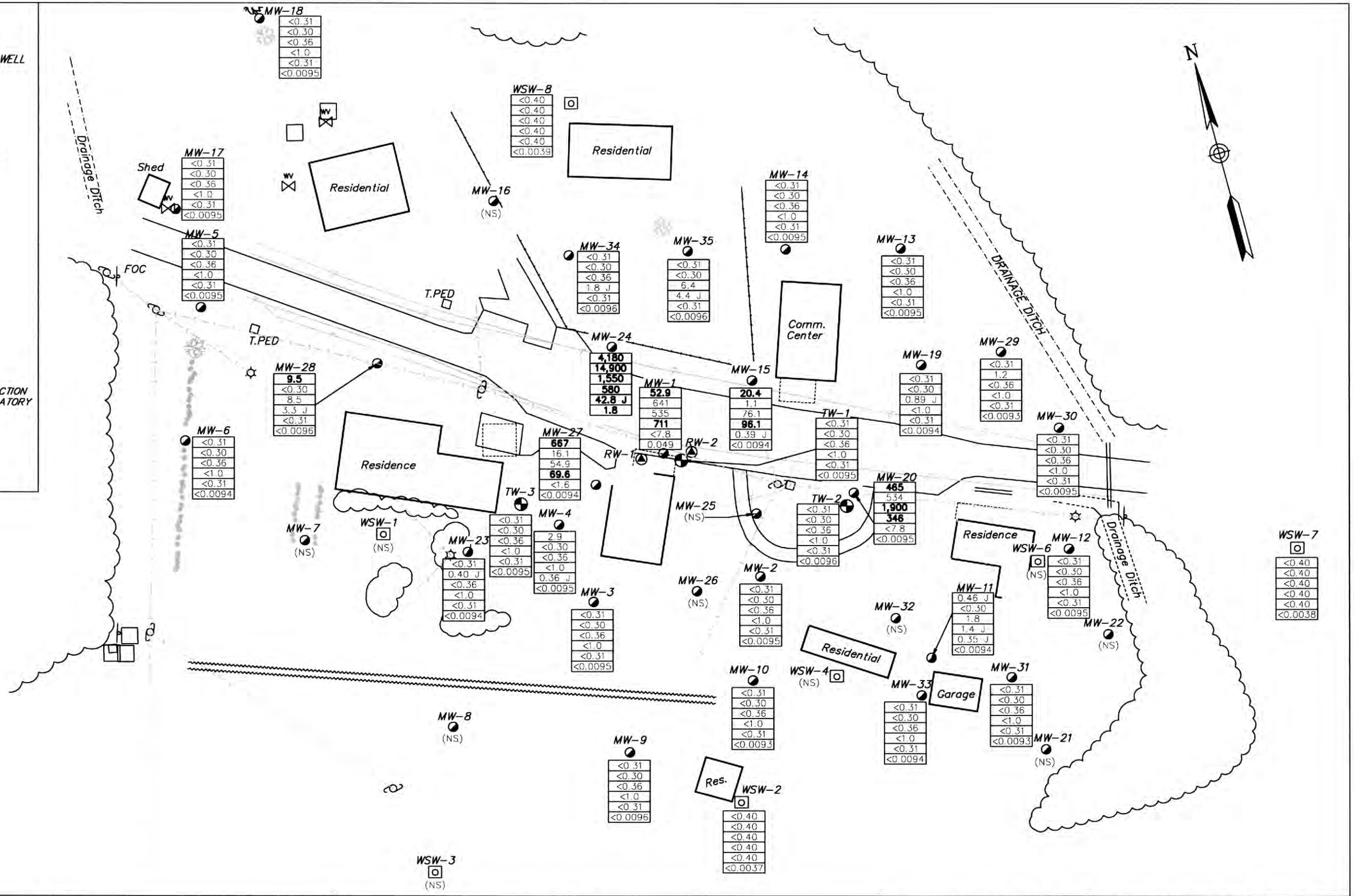
CONCENTRATIONS IN µg/L

<20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

(NS) NOT SAMPLED

(NF) NOT FOUND



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

GROUND WATER QUALITY MAP (10/12/20) & (10/13/20)

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, Sumter County, SC

Date:	11/08/2020	Drawn by:	DTH	Figure:	4

TABLES

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-1	09/23/03	09/24/03	100.00	9.16	---	90.84	14.5	4.5-14.5
		08/28/07		11.54	0.66	89.03		
		03/07/08	100.27	3.16	0.56	97.59		
		06/12/08		10.44	0.11	89.92		
		08/25/08		9.86	0.11	90.50		
		03/05/09		8.62	0.20	91.82		
		10/13/10		10.79	0.02	89.50		
		07/25/11		11.41	0.03	88.89		
		02/29/12		12.52	0.04	87.78		
		07/18/13		8.52	---	91.75		
		01/23/14		9.16	---	91.11		
		08/28/14		9.66	0.03	90.64		
		12/23/14		10.89	---	89.38		
		09/30/15		11.24	---	89.03		
		10/08/19		10.33	---	89.94		
		10/12/20		6.64	---	93.63		
MW-2	09/23/03	09/24/03	99.74	9.01	---	90.73	15	5-15
		08/28/07		10.76	---	88.98		
		03/07/08	100.00	3.70	---	96.30		
		06/12/08		10.02	---	89.98		
		08/25/08		9.18	---	90.82		
		03/05/09		4.20	---	95.80		
		10/13/10		10.46	---	89.54		
		02/29/12		6.33	---	93.67		
		07/18/13		3.15	---	96.85		
		01/23/14		6.38	---	93.62		
		08/28/14		9.28	---	90.72		
		12/23/14		10.49	---	89.51		
		09/30/15		10.90	---	89.10		
		10/08/19		9.95	---	90.05		
		10/12/20		5.11	---	94.89		
MW-3	09/23/03	09/24/03	100.11	7.68	---	92.43	14	4-14
		08/28/07		11.22	---	88.89		
		03/07/08	100.41	3.04	---	97.37		
		06/12/08		10.49	---	89.92		
		08/25/08		5.89	---	94.52		
		03/05/09		3.87	---	96.54		
		10/13/10		7.72	---	92.69		
		02/29/12		3.20	---	97.21		
		07/18/13		2.04	---	98.37		
		01/23/14		2.45	---	97.96		
		08/28/14		6.24	---	94.17		
		12/22/14		5.61	---	94.80		
		09/30/15		5.79	---	94.62		
		10/08/19		10.52	---	89.89		
		10/12/20		5.21	---	95.20		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-4	03/05/08	03/07/08	100.76	7.85	---	92.91	12	2-12
		06/12/08		10.87	---	89.89		
		08/25/08		10.28	---	90.48		
		03/05/09		8.91	---	91.85		
		10/13/10		11.28	---	89.48		
		07/25/11		11.70	---	89.06		
		02/29/12		DRY	---	DRY		
		07/18/13		8.07	---	92.69		
		01/23/14		9.62	---	91.14		
		08/28/14		10.18	---	90.58		
		12/22/14		11.34	---	89.42		
		09/30/15		11.74	---	89.02		
		10/08/19		10.83	---	89.93		
		10/12/20		7.16	---	93.60		
MW-5	03/05/08	03/07/08	99.16	7.71	---	91.45	12	2-12
		06/12/08		9.37	---	89.79		
		08/25/08		8.74	---	90.42		
		03/05/09		7.35	---	91.81		
		10/13/10		9.81	---	89.35		
		02/29/12		11.52	---	87.64		
		07/18/13		6.49	---	92.67		
		01/23/14		8.07	---	91.09		
		08/28/14		8.70	---	90.46		
		12/22/14		9.89	---	89.27		
		09/30/15		10.33	---	88.83		
		10/08/19		9.43	---	89.73		
		10/12/20		5.72	---	93.44		
MW-6	03/05/08	03/07/08	98.32	6.98	---	91.34	12	2-12
		06/12/08		8.56	---	89.76		
		08/25/08		7.94	---	90.38		
		03/05/09		6.60	---	91.72		
		10/13/10		8.99	---	89.33		
		02/29/12		10.60	---	87.72		
		07/18/13		5.44	---	92.88		
		01/23/14		7.23	---	91.09		
		08/28/14		7.94	---	90.38		
		12/22/14		9.21	---	89.11		
		09/30/15		9.52	---	88.80		
		10/08/19		8.63	---	89.69		
		10/12/20		4.89	---	93.43		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-7	03/05/08	03/07/08	99.45	8.16	---	91.29	12	2-12
		06/12/08		9.70	---	89.75		
		08/25/08		9.08	---	90.37		
		03/05/09		7.66	---	91.79		
		10/13/10		10.09	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.83	---	92.62		
		01/23/14		8.41	---	91.04		
		08/28/14		9.02	---	90.43		
		12/22/14		10.17	---	89.28		
		09/30/15		10.60	---	88.85		
		10/08/19		9.70	---	89.75		
		10/12/20		NM	---	NM		
MW-8	03/05/08	03/07/08	98.43	7.23	---	91.20	13	3-13
		06/12/08		8.70	---	89.73		
		08/25/08		8.91	---	89.52		
		03/05/09		8.35	---	90.08		
		10/13/10		9.07	---	89.36		
		02/29/12		10.74	---	87.69		
		07/18/13		NM	NM	NM		
		01/23/14		7.43	---	91.00		
		08/28/14		7.99	---	90.44		
		12/22/14		9.12	---	89.31		
		09/30/15		9.54	---	88.89		
		10/08/19		8.87	---	89.56		
		10/12/20		NM	---	NM		
MW-9	03/05/08	03/07/08	99.09	7.63	---	91.46	12	2-12
		06/12/08		9.17	---	89.92		
		08/25/08		8.50	---	90.59		
		03/05/09		7.37	---	91.72		
		10/13/10		9.54	---	89.55		
		02/29/12		11.07	---	88.02		
		07/18/13		5.30	---	93.79		
		01/23/14		7.87	---	91.22		
		08/28/14		8.45	---	90.64		
		12/22/14		9.67	---	89.42		
		09/30/15		10.04	---	89.05		
		10/08/19		9.33	---	89.76		
		10/12/20		5.40	---	93.69		
MW-10	03/05/08	03/07/08	99.16	7.81	---	91.35	12	2-12
		06/12/08		9.20	---	89.96		
		08/25/08		8.66	---	90.50		
		03/05/09		7.26	---	91.90		
		10/13/10		9.61	---	89.55		
		02/29/12		11.20	---	87.96		
		07/18/13		6.59	---	92.57		
		01/23/14		8.02	---	91.14		
		08/28/14		8.48	---	90.68		
		12/23/14		9.67	---	89.49		
		09/30/15		10.04	---	89.12		
		10/08/19		9.11	---	90.05		
		10/12/20		5.49	---	93.67		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-11	03/05/08	03/07/08	98.23	6.79	---	91.44	12	2-12
		06/12/08		8.26	---	89.97		
		08/25/08		7.70	---	90.53		
		03/05/09		6.34	---	91.89		
		10/13/10		8.65	---	89.58		
		07/25/11		9.25	---	88.98		
		02/29/12		10.20	---	88.03		
		07/18/13		5.53	---	92.70		
		01/23/14		7.08	---	91.15		
		08/28/14		7.50	---	90.73		
		12/22/14		8.64	---	89.59		
		09/30/15		9.06	---	89.17		
		10/08/19		8.22	---	90.01		
		10/12/20		4.53	---	93.70		
MW-12	03/05/08	03/07/08	97.88	6.34	---	91.54	13	3-13
		06/12/08		7.83	---	90.05		
		08/25/08		7.20	---	90.68		
		03/05/09		5.82	---	92.06		
		10/13/10		8.18	---	89.70		
		02/29/12		9.69	---	88.19		
		07/18/13		4.95	---	92.93		
		01/23/14		6.51	---	91.37		
		08/28/14		7.02	---	90.86		
		12/22/14		8.14	---	89.74		
		09/30/15		8.48	---	89.40		
		10/08/19		7.70	---	90.18		
		10/12/20		4.03	---	93.85		
MW-13	03/06/08	03/07/08	98.27	6.95	---	91.32	12	2-12
		06/12/08		8.20	---	90.07		
		08/25/08		7.66	---	90.61		
		03/05/09		6.30	---	91.97		
		10/13/10		8.60	---	89.67		
		02/29/12		10.38	---	87.89		
		07/18/13		5.49	---	92.78		
		01/23/14		7.02	---	91.25		
		08/28/14		7.53	---	90.74		
		12/22/14		8.78	---	89.49		
		09/30/15		9.07	---	89.20		
		10/08/19		8.16	---	90.11		
		10/12/20		4.40	---	93.87		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-14	03/06/08	03/07/08	97.29	6.02	---	91.27	12	2-12
		06/12/08		7.30	---	89.99		
		08/25/08		6.71	---	90.58		
		03/05/09		5.36	---	91.93		
		10/13/10		7.65	---	89.64		
		02/29/12		9.43	---	87.86		
		07/18/13		4.54	---	92.75		
		01/23/14		6.09	---	91.20		
		08/28/14		6.57	---	90.72		
		12/22/14		7.87	---	89.42		
		09/30/15		8.16	---	89.13		
		10/08/19		7.22	---	90.07		
		10/12/20		3.49	---	93.80		
MW-15	03/06/08	03/07/08	99.64	8.38	---	91.26	13	3-13
		06/12/08		9.66	---	89.98		
		08/25/08		9.09	---	90.55		
		03/05/09		7.71	---	91.93		
		10/13/10		10.03	---	89.61		
		07/25/11		10.65	---	88.99		
		02/29/12		11.74	---	87.90		
		07/18/13		6.82	---	92.82		
		01/23/14		8.37	---	91.27		
		08/28/14		8.45	---	91.19		
		12/22/14		10.20	---	89.44		
		09/30/15		10.54	---	89.10		
		10/08/19		9.58	---	90.06		
		10/12/20		4.39	---	95.25		
MW-16	03/06/08	03/07/08	101.27	10.00	---	91.27	13	3-13
		06/12/08		11.31	---	89.96		
		08/25/08		10.74	---	90.53		
		03/05/09		9.36	---	91.91		
		10/13/10		11.70	---	89.57		
		02/29/12		DRY	---	DRY		
		07/18/13		5.53	---	95.74		
		01/23/14		10.13	---	91.14		
		08/28/14		10.66	---	90.61		
		12/22/14		11.67	---	89.60		
		09/30/15		12.23	---	89.04		
		10/08/19		11.38	---	89.89		
		10/12/20		NM	---	NM		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-17	03/06/08	03/07/08	99.09	8.35	---	90.74	13	3-13
		06/12/08		9.32	---	89.77		
		08/25/08		8.70	---	90.39		
		03/05/09		7.29	---	91.80		
		10/13/10		9.73	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.49	---	92.60		
		01/23/14		8.07	---	91.02		
		08/28/14		8.68	---	90.41		
		12/22/14		9.90	---	89.19		
		09/30/15		10.28	---	88.81		
		10/08/19		DRY	---	DRY		
		10/12/20		5.63	---	93.46		
MW-18	03/06/08	03/07/08	99.71	7.95	---	91.76	13	3-13
		06/12/08		9.83	---	89.88		
		08/25/08		9.23	---	90.48		
		03/05/09		7.86	---	91.85		
		10/13/10		10.27	---	89.44		
		02/29/12		12.01	---	87.70		
		07/18/13		6.90	---	92.81		
		01/23/14		8.58	---	91.13		
		08/28/14		9.18	---	90.53		
		12/22/14		10.41	---	89.30		
		09/30/15		10.80	---	88.91		
		10/08/19		9.92	---	89.79		
		10/12/20		6.04	---	93.67		
MW-19	05/06/08	06/12/08	98.52	8.48	---	90.04	14	4-14
		08/25/08		8.40	---	90.12		
		03/05/09		7.73	---	90.79		
		10/13/10		8.88	---	89.64		
		07/25/11		9.48	---	89.04		
		02/29/12		10.67	---	87.85		
		07/18/13		6.04	---	92.48		
		01/23/14		7.38	---	91.14		
		08/28/14		7.78	---	90.74		
		12/22/14		9.04	---	89.48		
		09/30/15		9.36	---	89.16		
		10/08/19		8.41	---	90.11		
		10/12/20		4.72	---	93.80		
MW-20	05/06/08	06/12/08	99.65	9.69	---	89.96	14	4-14
		08/25/08		9.24	---	90.41		
		03/05/09		8.32	---	91.33		
		10/13/10		10.07	---	89.58		
		07/25/11		10.63	---	89.02		
		02/29/12		11.72	---	87.93		
		07/18/13		6.99	---	92.66		
		01/23/14		8.52	---	91.13		
		08/28/14		8.91	---	90.74		
		12/22/14		10.14	---	89.51		
		09/30/15		10.52	---	89.13		
		10/08/19		9.61	---	90.04		
		10/12/20		5.93	---	93.72		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-21	05/06/08	06/12/08	97.64	8.71	---	88.93	14	4-14
		08/25/08		7.19	---	90.45		
		03/05/09		5.95	---	91.69		
		10/13/10		8.05	---	89.59		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		8.48	---	89.16		
		10/08/19		NM	---	NM		
		10/12/20		NM	---	NM		
MW-22	05/06/08	06/12/08	97.35	7.31	---	90.04	14	4-14
		08/25/08		6.63	---	90.72		
		03/05/09		5.11	---	92.24		
		10/13/10		7.67	---	89.68		
		02/29/12		5.95	---	91.40		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		NM	---	NM		
		10/08/19		NM	---	NM		
		10/12/20		NM	---	NM		
MW-23	05/06/08	06/12/08	100.47	10.65	---	89.82	14	4-14
		08/25/08		10.04	---	90.43		
		03/05/09		9.17	---	91.30		
		10/13/10		NM	---	NM		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.38	---	91.09		
		08/28/14		9.92	---	90.55		
		12/22/14		11.08	---	89.39		
		09/30/15		11.49	---	88.98		
		10/08/19		DRY	---	DRY		
		10/12/20		6.94	---	93.53		
MW-24	05/06/08	06/12/08	99.69	9.75	---	89.94	14	4-14
		08/25/08		9.17	---	90.52		
		03/05/09		7.80	---	91.89		
		10/13/10		10.13	---	89.56		
		07/25/11		10.76	---	88.93		
		02/29/12		11.80	---	87.89		
		07/18/13		7.00	---	92.69		
		01/23/14		9.55	---	90.14		
		08/28/14		9.02	---	90.67		
		12/22/14		10.26	---	89.43		
		09/30/15		10.64	---	89.05		
		10/08/19		9.67	---	90.02		
		10/12/20		5.95	---	93.74		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-25	08/25/08	08/25/08	101.10	10.60	---	90.50	14.5	4.5-14.5
		03/05/09		9.20	---	91.90		
		10/13/10		11.56	---	89.54		
		07/25/11		12.16	---	88.94		
		02/29/12		13.15	---	87.95		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		NM	---	NM		
		10/08/19		11.10	---	90.00		
		10/12/20		NM	---	NM		
MW-26	08/25/08	08/25/08	100.10	9.61	---	90.49	15	5-15
		03/05/09		9.04	---	91.06		
		10/13/10		10.56	---	89.54		
		02/29/12		12.18	---	87.92		
		07/18/13		7.45	---	92.65		
		01/23/14		8.66	---	91.44		
		08/28/14		9.44	---	90.66		
		12/23/14		10.63	---	89.47		
		09/30/15		11.00	---	89.10		
		10/08/19		10.08	---	90.02		
		10/12/20		NM	---	NM		
MW-27	08/25/08	08/25/08	100.74	10.41	---	90.33	15	5-15
		03/05/09		9.90	---	90.84		
		10/13/10		11.25	---	89.49		
		07/25/11		11.86	---	88.88		
		02/29/12		12.90	---	87.84		
		07/18/13		8.02	---	92.72		
		01/23/14		9.61	---	91.13		
		08/28/14		10.14	---	90.60		
		12/22/14		11.29	---	89.45		
		09/30/15		11.72	---	89.02		
		10/08/19		10.81	---	89.93		
		10/12/20		7.12	---	93.62		
MW-28	08/25/08	08/25/08	100.92	10.41	---	90.51	15	5-15
		03/05/09		10.01	---	90.91		
		10/13/10		11.47	---	89.45		
		07/25/11		12.05	---	88.87		
		02/29/12		13.20	---	87.72		
		07/18/13		8.10	---	92.82		
		01/23/14		9.82	---	91.10		
		08/28/14		10.39	---	90.53		
		12/22/14		11.54	---	89.38		
		09/30/15		11.99	---	88.93		
		10/08/19		11.09	---	89.83		
		10/12/20		7.29	---	93.63		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-29	08/25/08	08/25/08	96.98	6.40	---	90.58	14	4-14
		03/05/09		5.00	---	91.98		
		10/13/10		7.30	---	89.68		
		02/29/12		9.05	---	87.93		
		07/18/13		4.19	---	92.79		
		01/23/14		5.73	---	91.25		
		08/28/14		6.27	23.00	90.71		
		12/22/14		7.59	---	89.39		
		09/30/15		7.82	---	89.16		
		10/08/19		6.89	---	90.09		
		10/12/20		3.16	---	93.82		
MW-30	08/25/08	08/25/08	98.19	3.21	---	94.98	14	4-14
		03/05/09		6.22	---	91.97		
		10/13/10		NM	---	NM		
		02/29/12		2.92	---	95.27		
		07/18/13		2.05	---	96.14		
		01/23/14		2.42	---	95.77		
		08/28/14		7.38	---	90.81		
		12/22/14		3.72	---	94.47		
		09/30/15		2.93	---	95.26		
		10/08/19		8.01	---	90.18		
		10/12/20		3.36	---	94.83		
MW-31	08/25/08	08/25/08	98.12	7.59	---	90.53	15	5-15
		03/05/09		7.41	---	90.71		
		10/13/10		8.48	---	89.64		
		02/29/12		10.22	---	87.90		
		07/18/13		5.34	---	92.78		
		01/23/14		8.19	---	89.93		
		08/28/14		7.30	---	90.82		
		12/22/14		8.47	---	89.65		
		09/30/15		8.13	---	89.99		
		10/08/19		8.03	---	90.09		
		10/12/20		4.34	---	93.78		
MW-32	08/25/08	08/25/08	99.11	8.52	---	90.59	15	5-15
		03/05/09		7.98	---	91.13		
		10/13/10		9.48	---	89.63		
		02/29/12		11.19	---	87.92		
		07/18/13		6.43	---	92.68		
		01/23/14		7.94	---	91.17		
		08/28/14		8.38	---	90.73		
		12/22/14		9.59	---	89.52		
		09/30/15		9.93	---	89.18		
		10/08/19		9.04	---	90.07		
		10/12/20		NM	---	NM		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-33	08/25/08	08/25/08	97.92	7.41	---	90.51	15	5-15
		03/05/09		6.34	---	91.58		
		10/13/10		8.32	---	89.60		
		02/29/12		9.90	---	88.02		
		07/18/13		5.24	---	92.68		
		01/23/14		6.74	---	91.18		
		08/28/14		7.18	---	90.74		
		12/22/14		8.28	---	89.64		
		09/30/15		8.73	---	89.19		
		10/08/19		7.86	---	90.06		
		10/12/20		4.24	---	93.68		
MW-34	03/03/09	03/05/09	100.73	8.80	---	91.93	15	5-15
		10/13/10		11.17	---	89.56		
		07/28/11		11.83	---	88.90		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.49	---	91.24		
		08/28/14		10.08	---	90.65		
		12/22/14		11.37	---	89.36		
		09/30/15		11.68	---	89.05		
		10/08/19		10.74	---	89.99		
		10/12/20		7.17	---	93.56		
MW-35	03/03/09	03/05/09	99.07	7.12	---	91.95	13	3-13
		10/13/10		9.46	---	89.61		
		07/28/11		10.12	---	88.95		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		7.82	---	91.25		
		08/28/14		8.38	---	90.69		
		12/22/14		9.62	---	89.45		
		09/30/15		9.96	---	89.11		
		10/08/19		9.04	---	90.03		
		10/12/20		5.44	---	93.63		
TW-1	03/06/08	03/07/08	100.22	9.55	---	90.67	41	36-41
		06/12/08		9.85	---	90.37		
		08/25/08		10.52	---	89.70		
		03/05/09		9.17	---	91.05		
		10/13/10		10.96	---	89.26		
		07/25/11		11.62	---	88.60		
		02/29/12		12.68	---	87.54		
		07/18/13		8.26	---	91.96		
		01/23/14		9.49	---	90.73		
		08/28/14		9.78	---	90.44		
		12/23/14		11.11	---	89.11		
		09/30/15		11.43	---	88.79		
		10/08/19		10.41	---	89.81		
		10/12/20		6.91	---	93.31		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
TW-2	03/03/09	03/05/09	99.81	8.17	---	91.64	38	33-38
		10/13/10		10.39	---	89.42		
		07/25/11		11.09	---	88.72		
		02/29/12		11.95	---	87.86		
		07/18/13		7.56	---	92.25		
		01/23/14		8.77	---	91.04		
		08/28/14		9.24	---	90.57		
		12/23/14		10.53	---	89.28		
		09/30/15		10.71	---	89.10		
		10/08/19		9.84	---	89.97		
		10/12/20		6.19	---	93.62		
TW-3	03/03/09	03/05/09	100.95	9.49	---	91.46	40	35-40
		10/13/10		11.58	---	89.37		
		07/25/11		12.07	---	88.88		
		02/29/12		11.92	---	89.03		
		07/18/13		8.68	---	92.27		
		01/23/14		10.32	---	90.63		
		08/28/14		10.37	---	90.58		
		12/23/14		11.81	---	89.14		
		09/30/15		11.90	---	89.05		
		10/08/19		11.03	---	89.92		
		10/12/20		7.42	---	93.53		
RW-1	06/25/12	12/23/14	102.56	11.12	---	91.11	20	5-20
RW-2	06/25/12	12/23/14	102.23	10.78	---	91.45	20	5-20

Notes:
- Top of casing elevations relative to a temporary benchmark with an assumed datum of 100.00 feet; data reported in feet.
- Ground water elevations corrected for presence of free product with an assumed density of 0.8581, if present.

56.03

TABLE 2
SUMMARY OF LABORATORY ANALYSES
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-1	09/24/03	**175**	265	**773**	4,000	<1.0	**436**	NR	**1.69**	NR	**191**
	08/28/07	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/06/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	06/12/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	08/26/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/05/09	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	10/13/10	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/25/11	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	02/29/12	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/18/13	**1,620**	**7,760**	**1,800**	**14,500**	<21	**975**	<22	<0.0095	NR	NR
	01/23/14	**3,630**	**10,600**	**5,530**	**19,400**	<40	**6,180**	<48	**1.7**	NR	NR
	08/28/14	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	12/23/14	**22.4**	84.1	9.4 J	1,790	<4.0	**142**	<4.8	**0.44**	NR	NR
	09/30/15	**913**	**6,360**	**1,040**	**10,700**	<30	**291 J**	<20	**0.083**	NR	NR
	10/08/19	**1,810**	**2,650**	**1,320**	9,770	<11	**719**	**33.0 J**	**0.51**	NR	NR
	10/12/20	**52.9**	641	535	6,800	<5.7	**711**	<7.8	0.049	NR	NR
MW-1 DUP A	10/08/19	**2,050**	**2,370**	**1,240**	7,700	<5.7	**719**	**43.4**	**0.66**	NR	NR
	10/12/20	**60.1**	695	667	7,080	<5.7	**1,060**	<7.8	0.048	NR	NR
MW-2	09/24/03	**274**	38.7	**753**	1,530	<1.0	**167**	NR	<0.02	NR	**305**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	**18.3**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**211**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	<5.00
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-4	03/06/08	**294**	12.1	231	380	<10	**82.6**	<1.0	<0.010	NR	**428**
	06/12/08	**242**	4.75 I	206	193	<0.60	12.9	NR	<0.85	<2.9	NR
	08/26/08	**97.2**	<0.076	71.8	81	0.299 JI	5.66	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**68**	<1.7	15	13	0.53 J	4.0 J	**5.3**	NR	NR	NR
	07/25/11	**17.0**	0.30 J	3.5	2.2 J	<0.34	1.1 J	0.42 J	<0.010	NR	NR
	07/18/13	3.4	2.7	1.0	42.4	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/28/14	0.37 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	1.6	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/09/19	**11.4**	<0.30	<0.36	<0.72	0.35 J	<1.0	3.7	<0.0094	NR	NR
	10/13/20	2.9	<0.30	<0.36	<0.72	<0.23	<1.0	0.36 J	<0.0095	NR	NR
MW-5	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**302**
	06/12/08	<0.31	<0.28	1.03	2.17 I	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-6	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**308**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-7	03/06/08	1.10	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**1,250**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-8	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**189**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0089	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**376**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0096	NR	NR
MW-10	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**267**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
MW-11	03/06/08	**25.4**	1.83	31.1	45.9	<1.0	23.3	<1.0	<0.010	NR	**390**
	06/12/08	**18.4**	3	26.9	105	<0.12	6.91	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	5.0	<1.7	4.1 J	13	<0.40	2.5 J	<0.30	<0.0061	NR	NR
	07/25/11	3.2	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	0.30 J	<0.20	<0.29	1.2 J	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**5.6**	0.71 J	8.7	21.4	<0.20	5.6	0.51 J	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	0.58 J	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	0.63 J	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/12/20	0.46 J	<0.30	1.8	0.94 J	<0.23	1.4 J	0.35 J	<0.0094	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-12	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**699**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	0.34 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.35 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	2.4	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-13	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**346**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-14	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**667**
	06/12/08	0.310 I	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-15	03/07/08	**237**	402	404	2,050	<20	**174**	<20	**0.117**	NR	**153**
	06/12/08	**590**	**1,430**	**791**	4,950	<2.4	**107**	NR	<3.4	7.14 I	NR
	08/26/08	**143**	127	71.2	332	<0.15	24.4	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**180**	15	220	140	<0.40	**36**	<0.30	**0.076**	NR	NR
	07/25/11	**260**	8.9	212	70.1	<1.7	**36.0**	**7.8**	0.017 J	NR	NR
	03/02/12	**136**	**1,040**	318	1,990	<0.34	**31.7**	**5.3**	**0.057**	NR	NR
	07/18/13	**25.4**	15.4	18.6	119	<0.21	5.9	1.3	<0.0094	NR	NR
	01/23/14	2.9	7.8	3.5	60.2	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**31.7**	11.0	56.8	226	<0.20	23.0	2.0	<0.0096	NR	NR
	12/22/14	**8.0**	2.5	15.2	37.5	<0.20	6.9	1.2	<0.0095	NR	NR
	09/30/15	**29.0**	1.5	42.8	8.8	<0.30	**35.5**	2.7	<0.0094	NR	NR
	10/08/19	3.5	4.2	3.9	6.0	<0.23	5.2	<0.31	<0.0092	NR	NR
	10/13/20	**20.4**	1.1	76.1	31.1	<0.23	**96.1**	0.39 J	<0.0094	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-15 DUP	03/02/12	**145**	907	322	1,890	<3.4	**30.1 J**	4.7 J	**0.067**	NR	NR
	07/18/13	**22.4**	18.5	26.0	163	<0.21	5.7	1.3	<0.0097	NR	NR
	01/23/14	2.4	6.0	2.0	48.8	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**29.1**	10.5	55.7	206	<0.20	20.6	1.9	<0.0095	NR	NR
	12/22/14	3.0	0.83 J	2.7	21.3	<0.20	1.6 J	0.91 J	<0.0096	NR	NR
	09/30/15	**18.2**	2.4	30.9	19.7	<0.30	23.8	2.1	<0.0097	NR	NR
MW-16	03/07/08	<1.0	<1.0	<1.0	3.7	<1.0	4.15	<1.0	<0.010	NR	**313**
	06/12/08	0.350 I	1.78	0.580 I	2.69	<0.12	0.710 I	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.45 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	0.77 J	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**23.7**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.48 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-18	03/07/08	<1.0	<1.0	<1.0	4.42	<1.0	<1.0	<1.0	<0.010	NR	**891**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	3.83 I	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	1.4	<0.28	1.1 J	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-19	06/12/08	**20.5**	3.38	42.2	214	<0.12	**25.4**	1.01	<0.17	<2.9	NR
	08/26/08	**46.4**	19.2 JI	72.4	493	<0.39	**39.8**	NR	NR	NR	NR
	03/05/09	**38.7**	5.8	83.5	286.9	<5.0	**47.2**	NR	NR	NR	NR
	10/13/10	**23**	13	50	380	<0.40	**32**	<0.30	0.028	NR	NR
	07/25/11	3.5	0.5 J	0.43 J	7.8	<0.34	2.5 J	0.54 J	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	0.29 J	2.1	2.0	25.2	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	0.47 J	3.3	0.78 J	36.6	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	4.0	19.6	22.2	274	<0.40	<2.0	<0.48	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/12/20	<0.31	<0.30	0.89 J	1.7 J	<0.23	<1.0	<0.31	<0.0094	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-19 DUP	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0092	NR	NR
MW-20	06/12/08	**1,180**	**10,400**	**2,870**	**15,400**	<12	**349**	**12.0 I**	<17	5.07 I	NR
	08/26/08	**1,340**	**17,600**	**4,070**	**23,600**	<7.7	**921**	NR	NR	NR	NR
	03/05/09	**1,200**	**8,400**	**2,160**	**11,380**	<5.0	**613**	NR	NR	NR	NR
	10/13/10	**380**	930	**880**	5,600	<8.0	**140**	<6.0	**0.60**	NR	NR
	07/25/11	**665**	**1,910**	**1,180**	4,640	<6.8	**174**	**10.3 J**	**0.19**	NR	NR
	03/02/12	**325**	788	368	2,030	<3.4	**63.6**	**7.2 J**	<0.0093	NR	NR
	07/18/13	**647**	420	**1,590**	7,020	<11	**98.0 J**	<11	**0.089**	NR	NR
	01/23/14	**426**	441	**943**	4,540	<4.0	**112**	**5.4 J**	**0.12**	NR	NR
	08/29/14	**436**	**1,090**	**1,920**	**12,000**	<10	**244 J**	<12	**0.27**	NR	NR
	12/22/14	**152**	36.4	480	2,250	<2.0	**68.8**	<2.4	**0.15**	NR	NR
	09/30/15	**211**	39.7	681	3,420	<6.0	**99.7 J**	<4.0	**0.073**	NR	NR
	10/09/19	**272**	64.6	**1,440**	4,800	<4.6	**286**	<6.2	<0.0094	NR	NR
	10/12/20	**465**	534	**1,900**	8,030	<5.7	**346**	<7.8	<0.0095	NR	NR
MW-20 DUP	07/18/13	**606**	450	**1,760**	8,420	<11	**130 J**	<11	<0.0096	NR	NR
	01/23/14	**457**	342	**846**	3,520	<4.0	**78.5 J**	<4.8	**0.14**	NR	NR
	08/28/14	**432**	**1,090**	**2,040**	**12,600**	<10	**322**	<12	**0.30**	NR	NR
	12/22/14	**173**	45.2	527	2,490	<0.20	**86.4**	2.0	**0.097**	NR	NR
	09/30/15	**7.2**	1.1	23.5	107	<0.30	2.6 J	<0.20	**0.060**	NR	NR
MW-21	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0063	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-22	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	10/08/19	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23	06/12/08	**5.58**	<0.28	<0.31	1.28 I	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**66.0**	0.27 J	<0.28	2.1 J	<0.20	3.4 J	1.6	<0.0096	NR	NR
	12/22/14	0.53 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	**83.7**	<0.80	0.70 J	1.2 J	<0.60	<2.0	<0.40	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/20	<0.31	0.40 J	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		5	1,000	700	10,000	40	25	5	0.05	15	15
MW-24	06/12/08	**7,150**	**56,000**	**20,500**	**104,000**	<1,000	**4,310**	<120	<170	**489**	NR
	08/26/08	**8,370**	**31,700**	**6,440**	**40,800**	<31	**3,590**	NR	NR	NR	NR
	03/05/09	**5,300**	**14,700**	**1,650**	**10,340**	<500	**502**	NR	NR	NR	NR
	10/13/10	**7,600**	**21,000**	**1,700**	**14,000**	<40	**630**	**370 J**	**220**	NR	NR
	07/25/11	**11,500**	**25,100**	**2,030**	**11,700**	<170	<500	**241 J**	**85.5**	NR	NR
	03/02/12	**3,340**	**5,770**	440	6,330	<34	**281 J**	**31.6 J**	**7.0**	NR	NR
	07/18/13	**2,700**	**5,950**	**756**	7,150	<11	**170 J**	**37.3 J**	**34.9**	NR	NR
	01/23/14	**4,120**	**19,100**	**1,270**	**16,700**	<40	**325 J**	**51.6 J**	**44.1**	NR	NR
	08/29/14	**5,610**	**21,700**	**1,950**	**17,900**	<50	**794 J**	**126 J**	**44.4**	NR	NR
	12/22/14	**1,830**	**5,120**	356	7,090	<1.0	**530 J**	**66.1**	**30.4**	NR	NR
	09/30/15	**4,230**	**12,800**	**870**	**11,800**	<30	**1,290**	**104**	**16.0**	NR	NR
	10/08/19	**2,760**	**10,100**	699	8,310	<46	**276 J**	<62	**0.47**	NR	NR
	10/13/20	**4,180**	**14,900**	**1,550**	**15,700**	<23	**580**	**42.8 J**	**1.8**	NR	NR
MW-24 DUP B	03/02/12	**3,220**	**3,870**	437	5,550	<17	**264**	**28.3 J**	**4.9**	NR	NR
	07/18/13	**3,100**	**11,400**	**809**	9,990	<4.2	**310**	**44.8**	**40.5**	NR	NR
	10/08/19	**2,870**	**10,300**	**724**	9,710	<11	**216 J**	**43.8 J**	**0.43**	NR	NR
	10/13/20	**4,080**	**15,400**	**1,540**	**15,400**	<46	**515 J**	<62	**1.8**	NR	NR
MW-25	08/26/08	**1,000**	250	**808**	2,680	<1.5	**178**	<1.8	<0.0059	<2.9	**439**
	03/05/09	**108**	108	94.6	225.5	<5.0	13.7	NR	NR	NR	NR
	10/13/10	**22**	2.4 J	16	43	<0.40	2.6 J	<0.30	<0.0061	NR	NR
	07/25/11	**9.8**	0.30J	4.6	6.0	<0.34	1.0J	<0.20	<0.0094	NR	NR
	03/02/12	**645**	952	610	2,100	<3.4	**129**	<2.0	<0.0094	NR	NR
	07/18/13	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	08/28/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	10/09/19	**115**	0.50 J	112	48.8	<0.23	**40.1**	<0.31	<0.0094	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-26	08/26/08	0.560 JI	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**752**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-27	08/26/08	**620**	902	610	3,040	<1.5	**201**	<1.8	**0.143**	<2.9	**604**
	03/05/09	**978**	691	426	1,496	<25.0	**125**	NR	NR	NR	NR
	10/13/10	**310**	49	140	270	<0.40	24	**9.8**	**0.083**	NR	NR
	07/25/11	**1,320**	145	329	1,020	<6.8	**59.8 J**	<4.0	<0.0096	NR	NR
	03/02/12	**617**	43.2	53.9	209	<0.34	13.6	3.1	<0.0094	NR	NR
	07/18/13	**117**	174	154	473	<0.42	2.5 J	2.1	<0.0095	NR	NR
	01/23/14	**46.5**	97.4	61.5	186	<0.20	1.2 J	0.58 J	<0.0095	NR	NR
	08/28/14	**123**	191	179	524	<1.0	<5.0	2.1 J	<0.0095	NR	NR
	12/22/14	**7.3**	1.0	0.59 J	10.9	<0.20	<1.0	0.50 J	<0.0097	NR	NR
	09/30/15	**99.2**	9.0	56.3	52.2	<0.30	5.6	1.4	<0.0095	NR	NR
	10/09/19	**412**	4.5	75.9	238	<0.46	**36.0**	1.8 J	<0.0094	NR	NR
	10/13/20	**667**	16.1	54.9	451	<1.1	**69.6**	<1.6	<0.0094	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		5	1,000	700	10,000	40	25	5	0.05	15	15
MW-28	08/26/08	**409**	19.8 JI	190	654	<0.77	**78.5**	<0.90	<0.0059	<2.9	**553**
	03/05/09	**43.1**	<5.0	16.7	42.1	<5.0	7.4	NR	NR	NR	NR
	10/13/10	4.8 J	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0075	NR	NR
	07/25/11	**5.5**	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	**20.9**	<0.40	2.3	2.9 J	<0.68	<2.0	<0.40	NA	NR	NR
	07/18/13	0.32 J	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	**6.0**	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	1.6	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	**7.2**	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	**28.9**	<0.30	1.2	1.3 J	<0.23	1.1 J	<0.31	<0.0094	NR	NR
	10/13/20	**9.5**	<0.30	8.5	11.3	<0.23	3.3 J	<0.31	<0.0096	NR	NR
MW-29	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**390**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/12/20	<0.31	1.2	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
MW-30	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**49.6**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	1.1	<0.20	0.32 J	1.6 J	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	0.99 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
MW-31	08/26/08	0.512 JI	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**616**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
MW-32	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**2,270**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0062	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-33	08/26/08	3.01 JI	<0.076	2.76 JI	3.52 JI	<0.077	<0.12	1.47 JI	<0.0059	<2.9	**690**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
MW-34	03/06/09	**15.0**	<5.0	<5.0	<15.0	<5.0	**45.7**	<5.0	<0.019	NR	NR
	10/13/10	**19**	1.9 J	<1.7	4.5 J	<0.40	**28**	<0.30	<0.0061	NR	NR
	07/28/11	**50.7**	4.7	17.3	12.6	<0.34	**98.0**	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	1.8 J	<0.31	<0.0096	NR	NR
MW-34 DUP	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR	NR
MW-35	03/06/09	<5.0	<5.0	28.8	108.8	<5.0	**30.9**	<5.0	<0.019	NR	NR
	10/13/10	**5.2**	<1.7	110	28	<0.40	**56**	<0.30	<0.0061	NR	NR
	07/28/11	**6.7**	<0.20	1.7	1.4J	<0.34	**33.7**	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	0.46 J	8.1	47.8	<0.20	2.6 J	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	1.2	1.5 J	<0.20	8.1	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/13/20	<0.31	<0.30	6.4	14.3	<0.23	4.4 J	<0.31	<0.0096	NR	NR
TW-1	03/07/08	<1.0	3.38	2.54	14.7	<1.0	1.90	<1.0	<0.010	NR	**22.3**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	0.42 J	<0.20	0.94 J	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	0.85 J	<0.23	<1.0	<0.31	<0.0095	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		5	1,000	700	10,000	40	25	5	0.05	15	15
TW-2	03/06/09	<5.0	24.4	7.4	41	<5.0	5.6	<5.0	<0.020	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0096	NR	NR
TW-3	03/06/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<0.019	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0059	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0091	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
RW-1	12/22/14	**37.0**	95.5	3.6 J	1,340	<1.0	**37.6**	<1.2	**0.083**	NR	NR
RW-2	12/22/14	**33.4**	150	<1.4	1,450	<1.0	**41.8**	<1.2	0.044	NR	NR
Field Blank	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	<0.21	0.30 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0093	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	0.22 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
Trip Blank	02/29/12	NR	NR	NR	NR	NR	NR	NR	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	NR	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	NR	NR	NR
	01/23/14	<0.24	0.26 J	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	NR	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	NR	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	NR	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-1	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**50.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	**66.9**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**16.6**
	06/12/08	<0.31	0.810 IV	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-2	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	8.0
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	11.3
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0037	NR	NR
WSW-2 DUP	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR
WSW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**20.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	<5.00
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-4	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	10.0
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	0.490 I	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-5	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	6.60
	03/07/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/29/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6 DUP	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
WSW-7	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		5	1,000	700	10,000	40	25	5	0.05	15	15
WSW-8	08/25/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
WSW Field Blank	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0040	NR	NR
WSW Trip Blank	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NR	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NR	NR	NR

Notes:

- Analyses for volatile organic compounds by EPA Method 8260B; total & filtered lead by EPA Method 6010B; EDB by Method 8011; results reported in µg/L.
- RBSL: May 2001 Risk Based Screening Level.
- Concentrations in bold face type exceeded the RBSL.
- <: Less than the method detection limit specified in the laboratory report.
- I, J: Estimated value; between the MDL and PQL.
- V: Present in laboratory blank.
- NS: Not sampled.
- NR: Not requested.
- NF: Not found.
- FP: Free Product

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		150	NE	10,000	47	240	128	1,400	NE
MW-1	07/25/11	FP	FP	FP	FP	FP	FP	FP	FP
	02/29/12	FP	FP	FP	FP	FP	FP	FP	FP
	07/18/13	30.8 J	<2,000	<2,100	<55	<500	<49	<470	<500
	01/23/14	64.8 J	<760	<4,600	<40	<1,500	<44	<1,800	<810
	08/28/14	FP	FP	FP	FP	FP	FP	FP	FP
	12/23/14	4.6 J	<76	<460	<4.0	<150	<4.4	<180	<81
	09/30/15	<20	<1,000	<3,500	<20	<810	<22	<540	<400
	10/08/19	58.0	<500	<4,100	<12	**2,100**	<12	<270	<250
	10/12/20	<6.0	<250	<2,000	<5.9	<130	<6.1	<130	<130
MW-1 DUP A	10/08/19	71.4	<250	<2,000	<5.9	**2,660**	<6.1	<130	<130
	10/12/20	<6.0	<250	<2,000	<5.9	<130	<6.1	<130	<130
MW-2	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-3	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-4	07/25/11	7.0	<25	<25	<0.31	102	<0.39	18.4 J	<5.0
	07/18/13	1.6	<20	<21	<0.55	37.1	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	47.0	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	7.5 J	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	0.45 J	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	12.1	<10	<82	<0.24	**318**	<0.24	10.0 J	<5.0
	10/13/20	0.90 J	<10	<82	<0.24	22.8	<0.24	<5.3	<5.0
MW-5	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-6	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-7	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		150	NE	10,000	47	240	128	1,400	NE
MW-8	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-10	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-11	07/25/11	1.1	<25	78.6J	<0.31	22.1	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	0.72 J	<3.8	<23	<0.20	23.3	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	0.97 J	<10	<35	<0.20	16.5 J	<0.22	<5.4	<4.0
	10/09/19	0.77 J	<10	<82	<0.24	34.5	<0.24	<5.3	<5.0
	10/12/20	0.90 J	<10	<82	<0.24	42.2	<0.24	<5.3	<5.0
MW-12	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-13	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-14	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-15	07/25/11	14.6	<130	<130	<1.6	**413**	<2.0	<15	<25
	03/02/12	10.8	<25	<25	<0.31	**754**	<0.39	<3.0	<5.0
	07/18/13	2.4	<20	<21	<0.55	76.2	<0.49	<4.7	<5.0
	01/23/14	0.29 J	<3.8	<23	<0.20	11.2 J	<0.22	<8.8	<4.0
	08/29/14	3.8	<3.8	<23	<0.20	147	<0.22	<8.8	<4.0
	12/22/14	3.0	<3.8	<23	<0.20	107	<0.22	12.8 J	<4.0
	09/30/15	6.5	<10	<35	<0.20	231	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	7.8 J	<0.24	<5.3	<5.0
	10/13/20	0.39 J	<10	<82	<0.24	21.5	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-15 DUP	03/02/12	9.6J	<250	<250	<3.1	562	<3.9	<30	<50
	07/18/13	2.8	<20	<21	<0.55	96.3	<0.49	<4.7	<5.0
	01/23/14	0.26 J	<3.8	<23	<0.20	9.2 J	<0.22	<8.8	<4.0
	08/29/14	3.6	<3.8	<23	<0.20	164	<0.22	<8.8	<4.0
	12/22/14	2.1	<3.8	<23	<0.20	68.9	<0.22	9.5 J	<4.0
	09/30/15	5.4	<10	<35	<0.20	174	<0.22	<5.4	<4.0
MW-16	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
MW-17	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-18	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-19	07/25/11	1.2	<25	<25	<0.31	27.1	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	0.89 J	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-19 DUP	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
MW-20	07/25/11	12.1J	<500	<500	<6.2	**454**	<7.8	<60	<100
	03/02/12	9.5J	<250	<250	<3.1	**589**	<3.9	<30	<50
	07/18/13	<13	<1,000	<1,100	<28	**308 J**	<24	<240	<250
	01/23/14	6.0 J	<76	<460	<4.0	<350	<4.4	<180	<81
	08/29/14	<11	<190	<1,200	<10	<370	<11	<440	<200
	12/22/14	<2.3	<38	<230	<2.0	197 J	<2.2	<88	<40
	09/30/15	<4.0	<200	<700	<4.0	<160	<4.4	<110	<80
	10/09/19	<4.8	<200	<1,600	<4.7	185 J	<4.9	<110	<100
	10/12/20	<6.0	<250	<2,000	<5.9	**280 J**	<6.1	<130	<130
MW-20 DUP	07/18/13	<13	<1,000	<1,100	<28	**405 J**	<24	<240	<250
	01/23/14	7.0 J	<76	<460	<4.0	**325 J**	<4.4	<180	<81
	08/28/14	<11	<190	<1,200	<10	<370	<11	<440	<200
	12/22/14	2.4	<3.8	<23	<0.20	218	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-21	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	NF	NF	NF	NF	NF	NF	NF	NF
	10/12/20	NF	NF	NF	NF	NF	NF	NF	NF
MW-22	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	01/23/14	NF	NF	NF	NF	NF	NF	NF	NF
	12/22/14	NF	NF	NF	NF	NF	NF	NF	NF
	09/30/15	NF	NF	NF	NF	NF	NF	NF	NF
	10/08/19	NF	NF	NF	NF	NF	NF	NF	NF
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-23	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	7.7	<3.8	<23	<0.20	70.6	<0.22	<8.8	<4.0
	12/22/14	0.54 J	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	11.2	<20	<70	<0.40	183	<0.44	<11	<8.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-24	07/25/11	**560**	<13,000	<13,000	<160	**16,200**	<200	<1,500	<2,500
	03/02/12	100	<2,500	<2,500	<31	**3,040**	<39	<300	<500
	07/18/13	83.0	<1,000	<1,100	<28	**1,140**	<24	<240	<250
	01/23/14	111 J	<760	<4,600	<40	<1,500	<44	<1,800	<810
	08/29/14	**185 J**	<950	<5,800	<50	**7,730**	<55	<2,200	<1,000
	12/22/14	121	<19	<120	<1.0	**8,630**	<1.1	81.9 J	<20
	09/30/15	**247**	<1,000	<3,500	<20	**11,600**	<22	<540	<400
	10/08/19	78.1 J	<2,000	<16,000	<47	**4,020**	<49	<1,100	<1,000
	10/13/20	101	<1,000	<8,200	<24	**3,790**	<24	<530	<500
MW-24 DUP B	03/02/12	100	<1,300	<1,300	<16	**3,080**	<20	<150	<250
	07/18/13	101	<400	<420	<11	**1,190**	<9.7	<95	<100
	10/08/19	81.6	<500	<4,100	<12	**4,580**	<12	<270	<250
	10/13/20	102 J	<2,000	<16,000	<47	**3,300 J**	<49	<1,100	<1,000
MW-25	07/25/11	<0.35	<25	<25	<0.31	5.1J	<0.39	<3.0	<5.0
	03/02/12	14.3	<250	<250	<3.1	**823**	<3.9	<30	<50
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS
	08/28/14	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS
	10/09/19	1.6	<10	<82	<0.24	85.9	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
MW-26	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
MW-27	07/25/11	95.6	<500	<500	<6.2	**1,410**	<7.8	<60	<100
	03/02/12	90.0	<25	<25	<0.31	**3,150**	<0.39	<3.0	<5.0
	07/18/13	14.1	<40	<42	<1.1	173	<0.97	72.4	<10
	01/23/14	2.8	<3.8	<23	<0.20	154	<0.22	<8.8	<4.0
	08/28/14	7.4	<19	<120	<1.0	96.5 J	<1.1	68.0 J	<20
	12/22/14	6.3	<3.8	<23	<0.20	141	<0.22	28.1	<4.0
	09/30/15	18.7	<10	<35	<0.20	**338**	<0.22	<5.4	<4.0
	10/09/19	46.5	<20	<160	<0.47	**1,070**	<0.49	<11	<10
	10/13/20	57.7	<50	<410	<1.2	**1,470**	<1.2	<27	<25
MW-28	07/25/11	0.87 J	<25	<25	<0.31	21.7	<0.39	<3.0	<5.0
	03/01/12	2.4	<50	<50	<0.62	122	<0.78	<6.0	<10
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	1.0	<3.8	<23	<0.20	92.2	<0.22	<8.8	<4.0
	12/22/14	0.81 J	<3.8	<23	<0.20	101	<0.22	11.6 J	<4.0
	09/30/15	1.8	<10	<35	<0.20	109	<0.22	<5.4	<4.0
	10/08/19	0.86 J	<10	<82	<0.24	78.5	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	34.7	<0.24	<5.3	<5.0
MW-29	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		150	NE	10,000	47	240	128	1,400	NE
MW-30	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	5.0 J	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-31	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-32	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
MW-33	03/01/12	0.49 J	<25	<25	<0.31	7.6J	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-34	07/28/11	0.93 J	<25	<25	<0.31	205	<0.39	13.7J	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-34 DUP	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-35	07/28/11	<0.35	<25	<25	<0.31	25.8	<0.39	7.2 J	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
TW-1	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		150	NE	10,000	47	240	128	1,400	NE
TW-2	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
TW-3	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
RW-1	12/22/14	<1.1	<19	<120	<1.0	<37	<1.1	<44	<20
RW-2	12/22/14	1.2 J	<19	<120	<1.0	46.5 J	<1.1	<44	<20
Field Blank	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
Trip Blank	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
WSW-1	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
WSW-2	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	0.48 J	<2.0
WSW-2 DUP	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	0.48 J	<2.0
WSW-3	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
WSW-4	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6 duplicate	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW-7	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	1.8 J	<2.0
WSW-8	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW Field Blank	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	1.0 J	<2.0
WSW Trip Blank	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0

- Analyses for selected oxygenates by EPA Method 8260B; results reported in µg/l.
- <: Less than the report limit specified in the laboratory report.
- FP: Free product.
- NS: Not sampled.

APPENDICES

APPENDIX A

Laboratory Analytical Report – Ground Water Samples

SGS

Orlando, FL

10/28/20

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

GRI (Geological Resources Inc.)

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

08825/2001

SGS Job Number: FA79814

Sampling Dates: 10/12/20 - 10/13/20

Report to:

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Monroe, NC 28110
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Total number of pages in report: 140

NELAP ACCREDITED TNI LABORATORY

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

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Sample Summary

GRI (Geological Resources Inc.)

Job No: FA79814

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA79814-1	10/12/20	17:12	KPCD	10/15/20	AQ	Ground Water	08825 MW-1
FA79814-2	10/12/20	18:00	KPCD	10/15/20	AQ	Ground Water	08825 MW-2
FA79814-3	10/12/20	18:19	KPCD	10/15/20	AQ	Ground Water	08825 MW-3
FA79814-4	10/13/20	10:53	KPCD	10/15/20	AQ	Ground Water	08825 MW-4
FA79814-5	10/13/20	09:26	KPCD	10/15/20	AQ	Ground Water	08825 MW-5
FA79814-6	10/13/20	09:45	KPCD	10/15/20	AQ	Ground Water	08825 MW-6
FA79814-7	10/12/20	19:09	KPCD	10/15/20	AQ	Ground Water	08825 MW-9
FA79814-8	10/12/20	19:28	KPCD	10/15/20	AQ	Ground Water	08825 MW-10
FA79814-9	10/12/20	13:37	KPCD	10/15/20	AQ	Ground Water	08825 MW-11
FA79814-10	10/12/20	16:17	KPCD	10/15/20	AQ	Ground Water	08825 MW-12
FA79814-11	10/12/20	15:01	KPCD	10/15/20	AQ	Ground Water	08825 MW-13
FA79814-12	10/12/20	14:42	KPCD	10/15/20	AQ	Ground Water	08825 MW-14

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA79814

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA79814-13	10/13/20	11:12	KPCD	10/15/20	AQ	Ground Water	08825 MW-15
FA79814-14	10/13/20	09:07	KPCD	10/15/20	AQ	Ground Water	08825 MW-17
FA79814-15	10/13/20	08:48	KPCD	10/15/20	AQ	Ground Water	08825 MW-18
FA79814-16	10/12/20	15:39	KPCD	10/15/20	AQ	Ground Water	08825 MW-19
FA79814-17	10/12/20	14:23	KPCD	10/15/20	AQ	Ground Water	08825 MW-20
FA79814-18	10/13/20	10:20	KPCD	10/15/20	AQ	Ground Water	08825 MW-23
FA79814-19	10/13/20	10:38	KPCD	10/15/20	AQ	Ground Water	08825 MW-24
FA79814-20	10/13/20	11:31	KPCD	10/15/20	AQ	Ground Water	08825 MW-27
FA79814-21	10/13/20	10:02	KPCD	10/15/20	AQ	Ground Water	08825 MW-28
FA79814-22	10/12/20	15:20	KPCD	10/15/20	AQ	Ground Water	08825 MW-29
FA79814-23	10/12/20	15:58	KPCD	10/15/20	AQ	Ground Water	08825 MW-30
FA79814-24	10/12/20	16:35	KPCD	10/15/20	AQ	Ground Water	08825 MW-31
FA79814-25	10/12/20	16:54	KPCD	10/15/20	AQ	Ground Water	08825 MW-33

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA79814

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA79814-26	10/13/20	13:23	KPCD	10/15/20	AQ	Ground Water	08825 MW-34
FA79814-27	10/13/20	13:41	KPCD	10/15/20	AQ	Ground Water	08825 MW-35
FA79814-28	10/12/20	17:41	KPCD	10/15/20	AQ	Ground Water	08825 TW-1
FA79814-29	10/12/20	14:04	KPCD	10/15/20	AQ	Ground Water	08825 TW-2
FA79814-30	10/12/20	18:50	KPCD	10/15/20	AQ	Ground Water	08825 TW-3
FA79814-31	10/12/20	12:00	KPCD	10/15/20	AQ	Ground Water	08825 DUP A
FA79814-32	10/13/20	12:01	KPCD	10/15/20	AQ	Ground Water	08825 DUP B
FA79814-33	10/12/20	13:00	KPCD	10/15/20	AQ	Field Blank Water	08825 FB
FA79814-34	10/13/20	13:01	KPCD	10/15/20	AQ	Field Blank Water	08825 FB-2
FA79814-35	10/12/20	09:00	KPCD	10/15/20	AQ	Trip Blank Water	08825 TB
FA79814-36	10/13/20	11:47	KPCD	10/15/20	DW	Drinking Water	08825 WSW-2
FA79814-37	10/13/20	12:48	KPCD	10/15/20	DW	Drinking Water	08825 WSW-7
FA79814-38	10/13/20	13:04	KPCD	10/15/20	DW	Drinking Water	08825 WSW-8

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA79814

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA79814-39	10/13/20	12:08	KPCD	10/15/20	DW	Drinking Water	08825 DUP C
FA79814-40	10/13/20	13:02	KPCD	10/15/20	DW	Drinking Water FB	08825 WSW-FB
FA79814-41	10/13/20	08:00	KPCD	10/15/20	DW	Drinking Water TB	08825 WSW-TB

Summary of Hits

Job Number: FA79814
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/12/20 thru 10/13/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA79814-1	08825 MW-1					
Benzene		52.9	25	7.8	ug/l	SW846 8260D
Toluene		641	25	7.5	ug/l	SW846 8260D
Ethylbenzene		535	25	8.9	ug/l	SW846 8260D
Xylene (total)		6800	150	36	ug/l	SW846 8260D
Naphthalene		711	130	25	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.049	0.019	0.0096	ug/l	SW846 8011
FA79814-2	08825 MW-2					
No hits reported in this sample.						
FA79814-3	08825 MW-3					
No hits reported in this sample.						
FA79814-4	08825 MW-4					
Benzene		2.9	1.0	0.31	ug/l	SW846 8260D
1,2-Dichloroethane		0.36 J	1.0	0.31	ug/l	SW846 8260D
Di-Isopropyl Ether		0.90 J	1.0	0.24	ug/l	SW846 8260D
Tert-Amyl Alcohol		22.8	20	5.3	ug/l	SW846 8260D
FA79814-5	08825 MW-5					
No hits reported in this sample.						
FA79814-6	08825 MW-6					
No hits reported in this sample.						
FA79814-7	08825 MW-9					
No hits reported in this sample.						
FA79814-8	08825 MW-10					
No hits reported in this sample.						
FA79814-9	08825 MW-11					
Benzene		0.46 J	1.0	0.31	ug/l	SW846 8260D
Ethylbenzene		1.8	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		0.94 J	3.0	0.72	ug/l	SW846 8260D

Summary of Hits

Job Number: FA79814
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/12/20 thru 10/13/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Naphthalene		1.4 J	5.0	1.0	ug/l	SW846 8260D
1,2-Dichloroethane		0.35 J	1.0	0.31	ug/l	SW846 8260D
Di-Isopropyl Ether		0.90 J	1.0	0.24	ug/l	SW846 8260D
Tert-Amyl Alcohol		42.2	20	5.3	ug/l	SW846 8260D
FA79814-10	08825 MW-12					
No hits reported in this sample.						
FA79814-11	08825 MW-13					
No hits reported in this sample.						
FA79814-12	08825 MW-14					
No hits reported in this sample.						
FA79814-13	08825 MW-15					
Benzene		20.4	1.0	0.31	ug/l	SW846 8260D
Toluene		1.1	1.0	0.30	ug/l	SW846 8260D
Ethylbenzene		76.1	2.5	0.89	ug/l	SW846 8260D
Xylene (total)		31.1	3.0	0.72	ug/l	SW846 8260D
Naphthalene		96.1	5.0	1.0	ug/l	SW846 8260D
1,2-Dichloroethane		0.39 J	1.0	0.31	ug/l	SW846 8260D
Di-Isopropyl Ether		0.39 J	1.0	0.24	ug/l	SW846 8260D
Tert-Amyl Alcohol		21.5	20	5.3	ug/l	SW846 8260D
FA79814-14	08825 MW-17					
No hits reported in this sample.						
FA79814-15	08825 MW-18					
No hits reported in this sample.						
FA79814-16	08825 MW-19					
Ethylbenzene		0.89 J	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		1.7 J	3.0	0.72	ug/l	SW846 8260D
FA79814-17	08825 MW-20					
Benzene		465	25	7.8	ug/l	SW846 8260D
Toluene		534	25	7.5	ug/l	SW846 8260D

Summary of Hits

Job Number: FA79814
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/12/20 thru 10/13/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene		1900	25	8.9	ug/l	SW846 8260D
Xylene (total)		8030	300	72	ug/l	SW846 8260D
Naphthalene		346	130	25	ug/l	SW846 8260D
Tert-Amyl Alcohol		280 J	500	130	ug/l	SW846 8260D
FA79814-18	08825 MW-23					
Toluene		0.40 J	1.0	0.30	ug/l	SW846 8260D
FA79814-19	08825 MW-24					
Benzene		4180	100	31	ug/l	SW846 8260D
Toluene		14900	500	150	ug/l	SW846 8260D
Ethylbenzene		1550	100	36	ug/l	SW846 8260D
Xylene (total)		15700	300	72	ug/l	SW846 8260D
Naphthalene		580	500	100	ug/l	SW846 8260D
1,2-Dichloroethane		42.8 J	100	31	ug/l	SW846 8260D
Di-Isopropyl Ether		101	100	24	ug/l	SW846 8260D
Tert-Amyl Alcohol		3790	2000	530	ug/l	SW846 8260D
1,2-Dibromoethane [a]		1.8	0.19	0.094	ug/l	SW846 8011
FA79814-20	08825 MW-27					
Benzene		667	20	6.2	ug/l	SW846 8260D
Toluene		16.1	5.0	1.5	ug/l	SW846 8260D
Ethylbenzene		54.9	5.0	1.8	ug/l	SW846 8260D
Xylene (total)		451	15	3.6	ug/l	SW846 8260D
Naphthalene		69.6	25	5.0	ug/l	SW846 8260D
Di-Isopropyl Ether		57.7	5.0	1.2	ug/l	SW846 8260D
Tert-Amyl Alcohol		1470	100	26	ug/l	SW846 8260D
FA79814-21	08825 MW-28					
Benzene		9.5	1.0	0.31	ug/l	SW846 8260D
Ethylbenzene		8.5	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		11.3	3.0	0.72	ug/l	SW846 8260D
Naphthalene		3.3 J	5.0	1.0	ug/l	SW846 8260D
Tert-Amyl Alcohol		34.7	20	5.3	ug/l	SW846 8260D
FA79814-22	08825 MW-29					
Toluene		1.2	1.0	0.30	ug/l	SW846 8260D

2

Summary of Hits

Job Number: FA79814
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/12/20 thru 10/13/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA79814-23	08825 MW-30					
No hits reported in this sample.						
FA79814-24	08825 MW-31					
No hits reported in this sample.						
FA79814-25	08825 MW-33					
No hits reported in this sample.						
FA79814-26	08825 MW-34					
Naphthalene		1.8 J	5.0	1.0	ug/l	SW846 8260D
FA79814-27	08825 MW-35					
Ethylbenzene		6.4	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		14.3	3.0	0.72	ug/l	SW846 8260D
Naphthalene		4.4 J	5.0	1.0	ug/l	SW846 8260D
FA79814-28	08825 TW-1					
Xylene (total)		0.85 J	3.0	0.72	ug/l	SW846 8260D
FA79814-29	08825 TW-2					
No hits reported in this sample.						
FA79814-30	08825 TW-3					
No hits reported in this sample.						
FA79814-31	08825 DUP A					
Benzene		60.1	25	7.8	ug/l	SW846 8260D
Toluene		695	25	7.5	ug/l	SW846 8260D
Ethylbenzene		667	25	8.9	ug/l	SW846 8260D
Xylene (total)		7080	150	36	ug/l	SW846 8260D
Naphthalene		1060	130	25	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.048	0.019	0.0094	ug/l	SW846 8011

Summary of Hits

Job Number: FA79814
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 10/12/20 thru 10/13/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA79814-32	08825 DUP B					
Benzene		4080	200	62	ug/l	SW846 8260D
Toluene		15400	200	60	ug/l	SW846 8260D
Ethylbenzene		1540	200	71	ug/l	SW846 8260D
Xylene (total)		15400	600	140	ug/l	SW846 8260D
Naphthalene		515 J	1000	200	ug/l	SW846 8260D
Di-Isopropyl Ether		102 J	200	48	ug/l	SW846 8260D
Tert-Amyl Alcohol		3300 J	4000	1100	ug/l	SW846 8260D
1,2-Dibromoethane [a]		1.8	0.19	0.095	ug/l	SW846 8011
FA79814-33	08825 FB					
No hits reported in this sample.						
FA79814-34	08825 FB-2					
No hits reported in this sample.						
FA79814-35	08825 TB					
No hits reported in this sample.						

(a) All hits confirmed by dual column analysis.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-1		
Lab Sample ID:	FA79814-1	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75223.D	25	10/19/20 15:21	SO	n/a	n/a	VP3008
Run #2	P75244.D	50	10/20/20 11:10	SO	n/a	n/a	VP3010

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	52.9	25	7.8	ug/l	
108-88-3	Toluene	641	25	7.5	ug/l	
100-41-4	Ethylbenzene	535	25	8.9	ug/l	
1330-20-7	Xylene (total)	6800 [a]	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	5.7	ug/l	
91-20-3	Naphthalene	711	130	25	ug/l	
107-06-2	1,2-Dichloroethane	ND	25	7.8	ug/l	
108-20-3	Di-Isopropyl Ether	ND	25	6.0	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	1300	250	ug/l	
64-17-5	Ethyl Alcohol	ND	5000	2000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	50	5.9	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	500	130	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	50	6.1	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	500	130	ug/l	
762-75-4	Tert-Butyl Formate [b]	ND	500	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	97%	79-125%
2037-26-5	Toluene-D8	105%	108%	85-112%
460-00-4	4-Bromofluorobenzene	91%	92%	83-118%

(a) Result is from Run# 2
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-1		
Lab Sample ID:	FA79814-1	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD113977.D	1	10/16/20 14:21	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.049	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-2		
Lab Sample ID:	FA79814-2	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75216.D	1	10/19/20 12:26	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	111%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-2		
Lab Sample ID:	FA79814-2	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113978.D	1	10/16/20 14:37	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-3		
Lab Sample ID:	FA79814-3	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75217.D	1	10/19/20 12:51	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-3		
Lab Sample ID:	FA79814-3	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113979.D	1	10/16/20 14:52	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-4		
Lab Sample ID:	FA79814-4	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75218.D	1	10/19/20 13:16	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2.9	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.36	1.0	0.31	ug/l	J
108-20-3	Di-Isopropyl Ether	0.90	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	22.8	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-4		
Lab Sample ID:	FA79814-4	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113980.D	1	10/16/20 15:08	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-5		
Lab Sample ID:	FA79814-5	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75219.D	1	10/19/20 13:41	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-5		
Lab Sample ID:	FA79814-5	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113981.D	1	10/16/20 15:23	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.7 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-6		
Lab Sample ID:	FA79814-6	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75220.D	1	10/19/20 14:06	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-6		
Lab Sample ID:	FA79814-6	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113982.D	1	10/16/20 15:39	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-9		
Lab Sample ID:	FA79814-7	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75224.D	1	10/19/20 15:46	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-9		
Lab Sample ID:	FA79814-7	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113983.D	1	10/16/20 15:55	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-10		
Lab Sample ID:	FA79814-8	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75225.D	1	10/19/20 16:10	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	111%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-10		
Lab Sample ID:	FA79814-8	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113986.D	1	10/16/20 16:41	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-11		
Lab Sample ID:	FA79814-9	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75226.D	1	10/19/20 16:35	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.46	1.0	0.31	ug/l	J
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	1.8	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.94	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.4	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	0.35	1.0	0.31	ug/l	J
108-20-3	Di-Isopropyl Ether	0.90	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	42.2	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-11		
Lab Sample ID:	FA79814-9	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113987.D	1	10/16/20 16:57	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-12		
Lab Sample ID:	FA79814-10	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75227.D	1	10/19/20 17:00	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-12		
Lab Sample ID:	FA79814-10	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113988.D	1	10/16/20 17:12	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-13		
Lab Sample ID:	FA79814-11	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75228.D	1	10/19/20 17:25	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-13		
Lab Sample ID:	FA79814-11	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113989.D	1	10/16/20 17:28	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-14		
Lab Sample ID:	FA79814-12	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67236.D	1	10/16/20 18:21	SP	n/a	n/a	VI2147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-14		
Lab Sample ID:	FA79814-12	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113990.D	1	10/16/20 17:43	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-15		
Lab Sample ID:	FA79814-13	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67237.D	1	10/16/20 18:48	SP	n/a	n/a	VI2147
Run #2	I67260.D	2.5	10/19/20 17:21	SP	n/a	n/a	VI2148

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	20.4	1.0	0.31	ug/l	
108-88-3	Toluene	1.1	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	76.1 [a]	2.5	0.89	ug/l	
1330-20-7	Xylene (total)	31.1	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	96.1	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.39	1.0	0.31	ug/l	J
108-20-3	Di-Isopropyl Ether	0.39	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	21.5	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	101%	79-125%
2037-26-5	Toluene-D8	99%	100%	85-112%
460-00-4	4-Bromofluorobenzene	101%	101%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-15		
Lab Sample ID:	FA79814-13	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113991.D	1	10/16/20 17:59	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-17		
Lab Sample ID:	FA79814-14	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67238.D	1	10/16/20 19:15	SP	n/a	n/a	VI2147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-17		
Lab Sample ID:	FA79814-14	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113992.D	1	10/16/20 18:14	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-18		
Lab Sample ID:	FA79814-15	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67239.D	1	10/16/20 19:42	SP	n/a	n/a	VI2147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-18		
Lab Sample ID:	FA79814-15	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113993.D	1	10/16/20 18:30	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-19		
Lab Sample ID:	FA79814-16	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67240.D	1	10/16/20 20:10	SP	n/a	n/a	VI2147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.89	1.0	0.36	ug/l	J
1330-20-7	Xylene (total)	1.7	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-19		
Lab Sample ID:	FA79814-16	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113994.D	1	10/16/20 18:45	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-20		
Lab Sample ID:	FA79814-17	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67241.D	25	10/16/20 20:37	SP	n/a	n/a	VI2147
Run #2	I67261.D	100	10/19/20 17:48	SP	n/a	n/a	VI2148

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	465	25	7.8	ug/l	
108-88-3	Toluene	534	25	7.5	ug/l	
100-41-4	Ethylbenzene	1900	25	8.9	ug/l	
1330-20-7	Xylene (total)	8030 [a]	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	5.7	ug/l	
91-20-3	Naphthalene	346	130	25	ug/l	
107-06-2	1,2-Dichloroethane	ND	25	7.8	ug/l	
108-20-3	Di-Isopropyl Ether	ND	25	6.0	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	1300	250	ug/l	
64-17-5	Ethyl Alcohol	ND	5000	2000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	50	5.9	ug/l	
75-85-4	Tert-Amyl Alcohol	280	500	130	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	50	6.1	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	500	130	ug/l	
762-75-4	Tert-Butyl Formate	ND	500	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	79-125%
2037-26-5	Toluene-D8	99%	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	101%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-20		
Lab Sample ID:	FA79814-17	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113995.D	1	10/16/20 19:01	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-23		
Lab Sample ID:	FA79814-18	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67242.D	1	10/16/20 21:04	SP	n/a	n/a	VI2147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	0.40	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-23		
Lab Sample ID:	FA79814-18	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD113998.D	1	10/16/20 19:47	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-24		
Lab Sample ID:	FA79814-19	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67243.D	100	10/16/20 21:31	SP	n/a	n/a	VI2147
Run #2	I67262.D	500	10/19/20 18:16	SP	n/a	n/a	VI2148

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4180	100	31	ug/l	
108-88-3	Toluene	14900 [a]	500	150	ug/l	
100-41-4	Ethylbenzene	1550	100	36	ug/l	
1330-20-7	Xylene (total)	15700	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	23	ug/l	
91-20-3	Naphthalene	580	500	100	ug/l	
107-06-2	1,2-Dichloroethane	42.8	100	31	ug/l	J
108-20-3	Di-Isopropyl Ether	101	100	24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	3790	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	102%	79-125%
2037-26-5	Toluene-D8	101%	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-24		
Lab Sample ID:	FA79814-19	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD114033.D	10	10/19/20 11:19	CV	10/16/20 12:15	OP82532	GDD3285
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	1.8	0.19	0.094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	127%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-27		
Lab Sample ID:	FA79814-20	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67244.D	5	10/16/20 21:58	SP	n/a	n/a	VI2147
Run #2	I67263.D	20	10/19/20 18:43	SP	n/a	n/a	VI2148

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	667 [a]	20	6.2	ug/l	
108-88-3	Toluene	16.1	5.0	1.5	ug/l	
100-41-4	Ethylbenzene	54.9	5.0	1.8	ug/l	
1330-20-7	Xylene (total)	451	15	3.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.1	ug/l	
91-20-3	Naphthalene	69.6	25	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.6	ug/l	
108-20-3	Di-Isopropyl Ether	57.7	5.0	1.2	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	250	50	ug/l	
64-17-5	Ethyl Alcohol	ND	1000	410	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.2	ug/l	
75-85-4	Tert-Amyl Alcohol	1470	100	26	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	10	1.2	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	100	27	ug/l	
762-75-4	Tert-Butyl Formate	ND	100	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	102%	79-125%
2037-26-5	Toluene-D8	101%	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	101%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-27		
Lab Sample ID:	FA79814-20	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114000.D	1	10/16/20 20:18	CV	10/16/20 12:15	OP82532	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-28		
Lab Sample ID:	FA79814-21	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67245.D	1	10/16/20 22:25	SP	n/a	n/a	VI2147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	9.5	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	8.5	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	11.3	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	3.3	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	34.7	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-28		
Lab Sample ID:	FA79814-21	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114006.D	1	10/16/20 21:51	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	105%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-29		
Lab Sample ID:	FA79814-22	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67246.D	1	10/16/20 22:52	SP	n/a	n/a	VI2147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	1.2	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-29		
Lab Sample ID:	FA79814-22	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114007.D	1	10/16/20 22:06	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-30		
Lab Sample ID:	FA79814-23	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67247.D	1	10/16/20 23:19	SP	n/a	n/a	VI2147
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-30		
Lab Sample ID:	FA79814-23	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114010.D	1	10/16/20 22:52	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-31		
Lab Sample ID:	FA79814-24	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67264.D	1	10/19/20 19:10	SP	n/a	n/a	VI2148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-31		
Lab Sample ID:	FA79814-24	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114011.D	1	10/16/20 23:08	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-33		
Lab Sample ID:	FA79814-25	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67265.D	1	10/19/20 19:37	SP	n/a	n/a	VI2148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-33		
Lab Sample ID:	FA79814-25	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114012.D	1	10/16/20 23:23	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-34		
Lab Sample ID:	FA79814-26	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75231.D	1	10/19/20 18:40	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.8	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-34		
Lab Sample ID:	FA79814-26	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114013.D	1	10/16/20 23:39	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-35		
Lab Sample ID:	FA79814-27	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75232.D	1	10/19/20 19:05	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	6.4	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	14.3	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	4.4	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-35		
Lab Sample ID:	FA79814-27	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114014.D	1	10/16/20 23:54	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TW-1		
Lab Sample ID:	FA79814-28	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75233.D	1	10/19/20 19:30	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.85	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	109%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TW-1		
Lab Sample ID:	FA79814-28	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114015.D	1	10/17/20 00:10	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TW-2		
Lab Sample ID:	FA79814-29	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75234.D	1	10/19/20 19:55	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TW-2		
Lab Sample ID:	FA79814-29	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114016.D	1	10/17/20 00:25	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.5 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TW-3		
Lab Sample ID:	FA79814-30	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P75235.D	1	10/19/20 20:20	SO	n/a	n/a	VP3008
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	110%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 TW-3		
Lab Sample ID:	FA79814-30	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114017.D	1	10/17/20 00:40	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 DUP A		
Lab Sample ID:	FA79814-31	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67288.D	25	10/20/20 15:51	SP	n/a	n/a	VI2149
Run #2	I67266.D	50	10/19/20 20:04	SP	n/a	n/a	VI2148

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	60.1	25	7.8	ug/l	
108-88-3	Toluene	695	25	7.5	ug/l	
100-41-4	Ethylbenzene	667	25	8.9	ug/l	
1330-20-7	Xylene (total)	7080 [a]	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	5.7	ug/l	
91-20-3	Naphthalene	1060	130	25	ug/l	
107-06-2	1,2-Dichloroethane	ND	25	7.8	ug/l	
108-20-3	Di-Isopropyl Ether	ND	25	6.0	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	1300	250	ug/l	
64-17-5	Ethyl Alcohol	ND	5000	2000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	50	5.9	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	500	130	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	50	6.1	ug/l	
75-65-0	Tert-Butyl Alcohol [b]	ND	500	130	ug/l	
762-75-4	Tert-Butyl Formate	ND	500	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	101%	79-125%
2037-26-5	Toluene-D8	100%	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	83-118%

(a) Result is from Run# 2
(b) Associated CCV outside of control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 DUP A		
Lab Sample ID:	FA79814-31	Date Sampled:	10/12/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD114018.D	1	10/17/20 00:56	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.048	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 DUP B		
Lab Sample ID:	FA79814-32	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67267.D	200	10/19/20 20:31	SP	n/a	n/a	VI2148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4080	200	62	ug/l	
108-88-3	Toluene	15400	200	60	ug/l	
100-41-4	Ethylbenzene	1540	200	71	ug/l	
1330-20-7	Xylene (total)	15400	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	200	46	ug/l	
91-20-3	Naphthalene	515	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	ND	200	62	ug/l	
108-20-3	Di-Isopropyl Ether	102	200	48	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	3300	4000	1100	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	4000	1100	ug/l	
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated CCV outside of control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 DUP B		
Lab Sample ID:	FA79814-32	Date Sampled:	10/13/20
Matrix:	AQ - Ground Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD114034.D	10	10/19/20 11:35	CV	10/16/20 14:00	OP82533	GDD3285
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	1.8	0.19	0.095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	121%		63-137%

(a) All hits confirmed by dual column analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 FB		
Lab Sample ID:	FA79814-33	Date Sampled:	10/12/20
Matrix:	AQ - Field Blank Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67268.D	1	10/19/20 20:59	SP	n/a	n/a	VI2148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 FB		
Lab Sample ID:	FA79814-33	Date Sampled:	10/12/20
Matrix:	AQ - Field Blank Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114022.D	1	10/17/20 01:58	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	36.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	112%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 FB-2		
Lab Sample ID:	FA79814-34	Date Sampled:	10/13/20
Matrix:	AQ - Field Blank Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67269.D	1	10/19/20 21:26	SP	n/a	n/a	VI2148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 FB-2		
Lab Sample ID:	FA79814-34	Date Sampled:	10/13/20
Matrix:	AQ - Field Blank Water	Date Received:	10/15/20
Method:	SW846 8011 SW846 8011	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD114023.D	1	10/17/20 02:13	CV	10/16/20 14:00	OP82533	GDD3284
Run #2							

	Initial Volume	Final Volume
Run #1	37.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		63-137%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TB		
Lab Sample ID:	FA79814-35	Date Sampled:	10/12/20
Matrix:	AQ - Trip Blank Water	Date Received:	10/15/20
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I67270.D	1	10/19/20 21:53	SP	n/a	n/a	VI2148
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Subcontract Lab Data

Report of Analysis

Pace Analytical®

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Report of Analysis

SGS North America Inc. - Orlando
4405 Vineland Rd
Suite C-15
Orlando, FL 32811
Attention: Muna Mohammed

Project Name: FA79814X

Lot Number:**VJ17031**

Date Completed:10/27/2020

10/28/2020 4:09 PM
Approved and released by:
Project Manager II: **Lucas Odom**

The electronic signature above is the equivalent of a handwritten signature.
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SGS

Case Narrative
SGS North America Inc. - Orlando
Lot Number: VJ17031

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This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved The NELAC Institute (TNI) standards, the Pace Analytical Services, LLC ("Pace") Laboratory Quality Manual, standard operating procedures (SOPs), and Pace policies. Any exceptions to the TNI standards, the Laboratory Quality Manual, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Pace Project Manager listed on the cover page.

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Sample Summary
SGS North America Inc. - Orlando
Lot Number: VJ17031

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	08825 WSW-2	Aqueous	10/13/2020 1147	10/17/2020
002	08825 WSW-7	Aqueous	10/13/2020 1248	10/17/2020
003	08825 WSW-8	Aqueous	10/13/2020 1304	10/17/2020
004	08825 DUP C	Aqueous	10/13/2020 1208	10/17/2020
005	08825 WSW-FB	Aqueous	10/13/2020 1302	10/17/2020
006	08825 WSW-TB	Aqueous	10/13/2020 0800	10/17/2020

(6 samples)

Detection Summary

SGS North America Inc. - Orlando

Lot Number: VJ17031

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	08825 WSW-2	Aqueous	tert-butyl alcohol (TBA)	8260D	0.48	J	ug/L	6
002	08825 WSW-7	Aqueous	tert-butyl alcohol (TBA)	8260D	1.8	J	ug/L	9
005	08825 WSW-FB	Aqueous	tert-butyl alcohol (TBA)	8260D	1.0	J	ug/L	18
006	08825 WSW-TB	Aqueous	tert-butyl alcohol (TBA)	8260D	1.1	J	ug/L	21

(4 detections)

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SGS

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-2**
Date Sampled: **10/13/2020 1147**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/23/2020 2351	STM		71023

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		73	70-130
1,2-Dichlorobenzene-d4		88	70-130

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LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result ≤ LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VJ17031-001**
Description: **08825 WSW-2** Matrix: **Aqueous**
Date Sampled: **10/13/2020 1147**
Date Received: **10/17/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	10/22/2020 2118	DJG		70890

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260D**	**0.48**	**J**	**20**	**0.40**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Toluene-d8		100	70-130
Bromofluorobenzene		98	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-2**
Date Sampled: **10/13/2020 1147**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/22/2020 1613	JJG	10/22/2020 0916	70756

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0037	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		114	57-137

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LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-7**
Date Sampled: **10/13/2020 1248**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
2	524.2	524.2	1	10/26/2020 1405	ECB		71187

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	2
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	2
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	2
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	2
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	2
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	2

Surrogate	Q	Run 2 % Recovery	Acceptance Limits
Bromofluorobenzene		76	70-130
1,2-Dichlorobenzene-d4		82	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-7**
Date Sampled: **10/13/2020 1248**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	10/22/2020 2144	DJG		70890

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260D**	**1.8**	**J**	**20**	**0.40**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	70-130
Toluene-d8		101	70-130
Bromofluorobenzene		97	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-7**
Date Sampled: **10/13/2020 1248**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/22/2020 1625	JJG	10/22/2020 0916	70756

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0038	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		113	57-137

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-8**
Date Sampled: **10/13/2020 1304**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/24/2020 0045	STM		71023

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		75	70-130
1,2-Dichlorobenzene-d4		85	70-130

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LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-8**
Date Sampled: **10/13/2020 1304**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	10/22/2020 2210	DJG		70890

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260D	ND		20	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	70-130
Toluene-d8		100	70-130
Bromofluorobenzene		95	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-8**
Date Sampled: **10/13/2020 1304**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/22/2020 1638	JJG	10/22/2020 0916	70756

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0038	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		114	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 DUP C**
Date Sampled: **10/13/2020 1208**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/24/2020 0112	STM		71023

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		74	70-130
1,2-Dichlorobenzene-d4		82	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 DUP C**
Date Sampled: **10/13/2020 1208**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	10/22/2020 2236	DJG		70890

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260D	ND		20	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Toluene-d8		102	70-130
Bromofluorobenzene		97	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VJ17031-004**

Description: **08825 DUP C** Matrix: **Aqueous**

Date Sampled: **10/13/2020 1208**

Date Received: **10/17/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/22/2020 1650	JJG	10/22/2020 0916	70756

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0038	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		119	57-137

4

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result: < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-FB**
Date Sampled: **10/13/2020 1302**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/26/2020 1251	ECB		71187

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		82	70-130
1,2-Dichlorobenzene-d4		86	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-FB**
Date Sampled: **10/13/2020 1302**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	10/22/2020 2053	DJG		70890

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260D**	**1.0**	**J**	**20**	**0.40**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		102	70-130
Bromofluorobenzene		97	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-FB**
Date Sampled: **10/13/2020 1302**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	10/27/2020 1156	JJG	10/27/2020 0911	71229

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.020	0.0040	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-TB**
Date Sampled: **10/13/2020 0800**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	10/26/2020 1432	ECB		71187

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		75	70-130
1,2-Dichlorobenzene-d4		85	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 WSW-TB**
Date Sampled: **10/13/2020 0800**
Date Received: **10/17/2020**

Laboratory ID: **VJ17031-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	10/22/2020 2027	DJG		70890

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260D**	**1.1**	**J**	**20**	**0.40**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Toluene-d8		101	70-130
Bromofluorobenzene		96	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
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N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

4

Chain of Custody
and
Miscellaneous Documents

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 FAX: 407-425-6707
www.sgs.com/ehs/usa

FED EX Tracking #:
SGS Quote #:
Bottle Order Control #:
SUB: FA79814X

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4405 Vineland Rd, Suite C-15
City: Orlando State: Fl Zip: 32811
Project Contact: muna.mohammed@sgs.com Email:
Phone #: 407-425-6780 Fax #:
Sample(s) Name(s): KPCD Phone: Project Manager:

Project Information

Project Name: FA79814X
Street:
City: State:
Project #:
Client Purchase Order #:

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SG - Sludge; SLU-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

VJ17031

SGS Sample #	Field ID / Point of Collection	Matrix Used	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	# of containers: HCl	HNO3	H2SO4	NaOH	Na2S2O3	NaOH, ZnAc	V524EDB,502MBTEX,MTBE,NAPHTH,1,2-DCA; V8260OXYS,	V524BTEX, MTBE, NAPHTH, 1,2-DCA, V8260OXYS,	LAB USE ONLY
36X	08825 WSW-2		10/13/20	11:47:00 AM	KPCD	DW	9	9						X		
37X	08825 WSW-7		10/13/20	12:48:00 PM	KPCD	DW	9	9						X		
38X	08825 WSW-8		10/13/20	1:04:00 PM	KPCD	DW	9	9						X		
39X	08825 CUP C		10/13/20	12:08:00 PM	KPCD	DW	9	9						X		
40X	08825 WSW-FB		10/13/20	1:02:00 PM	KPCD	DW	9	9						X		
41X	08825 WSW-TB		10/13/20	8:00:00 AM	KPCD	DW	4	4							X	

Turnaround Time (business days)

Approved By (SGS PM): / Date:

- [ ] Standard: 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [x] other 7

Emergency & Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [x] Commercial "B" (Level 2)
- [ ] RED T1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Raw data

- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Comments / Special Instructions

Shealy

http://www.sgs.com/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 PWH	10/16/20	1	2		2
Relinquished by Sampler:	Date Time: 1700	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by: FedEx	Date Time: 10/17/20 0950	Received By: 5	Custody Seal #	☑ Intact ☐ Not Intact	Preserved where applicable ☐	On Ice ✓	Cooler Temp 4.2°C

Pace Analytical

Samples Receipt Checklist (SRC) (ME0018C-15)
Issuing Author ty: Pace ENV - WCOL

Revised 9/29/2020
ge 1 of 1

Sample Receipt Checklist (SRC)

VJ17031

Client: SGS Cooler Inspected by/date: KBS 10/14/20 Lot #:

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Other:

☑ Yes	☐ No		1. Were custody seals present on the cooler?
☑ Yes	☐ No	☐ NA	2. If custody seals were present, were they intact and unbroken?

pH Strip ID: NA Chlorine Strip ID: NA Tested by: NA

Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: NA

4.2/4.2 °C NA/NA °C NA/NA °C NA/NA °C

Method: ☐ Temperature Blank ☑ Against Bottles IR Gun ID: #5 IR Gun Correction Factor: 0 °C

Method of coolant: ☑ Wet Ice ☐ Ice Packs ☐ Dry Ice ☐ None

☐ Yes	☐ No	☑ NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one).
☑ Yes	☐ No	☐ NA	4. Is the commercial courier's packing slip attached to this form?
☑ Yes	☐ No		5. Were proper custody procedures (relinquished/received) followed?
☑ Yes	☐ No		6. Were sample IDs listed on the COC?
☑ Yes	☐ No		7. Were sample IDs listed on all sample containers?
☑ Yes	☐ No		8. Was collection date & time listed on the COC?
☑ Yes	☐ No		9. Was collection date & time listed on all sample containers?
☑ Yes	☐ No		10. Did all container label information (ID, date, time) agree with the COC?
☑ Yes	☐ No		11. Were tests to be performed listed on the COC?
☐ Yes	☑ No		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)? 2 broken - 08825 WSW-FB
☑ Yes	☐ No		13. Was adequate sample volume available?
☐ Yes	☑ No		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
☐ Yes	☑ No		15. Were any samples containers missing/excess (circle one) samples Not listed on COC?
☑ Yes	☐ No	☐ NA	16. For VOA and RSK-175 samples, were bubbles present >"pea-size" (¼" or 6mm in diameter) in any of the VOA vials?
☐ Yes	☐ No	☑ NA	17. Were all DRO/metals/nutrient samples received at a pH of < 2?
☐ Yes	☐ No	☑ NA	18. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
☐ Yes	☐ No	☑ NA	19. Were all applicable NH_3/TKN/cyanide/phenol/625.1/608.3 (< 0.5mg/L) samples free of residual chlorine?
☐ Yes	☐ No	☑ NA	20. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
☐ Yes	☑ No		21. Was the quote number listed on the container label? If yes, Quote #

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) NA were received incorrectly preserved and were adjusted accordingly in sample receiving with: NA mL of circle one: H2SO4, HNO3, HCl, NaOH using SR # NA

Time of preservation NA If more than one preservative is needed, please note in the comments below

Sample(s) VJ17-005(9), -006(9) were received with bubbles >6 mm in diameter.

Samples(s) NA were received with TRC > 0.5 mg/l. (If #19 is *no*) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: NA

SR barcode labels applied by: KBS Date: 10/14/20

Comments:

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- **Chain of Custody**

SGS North America Inc - Orlando

Chain of Custody

SGS - ORLANDO JOB #: FA79814

PAGE 1 OF 4

4405 Vineland Road, Suite C-15, Orlando, FL 32811
PH: 407-425-6700 FAX: 407-425-0707
www.sgs.com

SGS - ORLANDO Quote #

SKIFF #

Client / Reporting Information		Project Information	
Company Name:	Geological Resources Inc.	Project Name:	Lenox Store
Address:	3562 Hayes Rd.	Street	3240 Horatio Hagood Rd.
City:	Monroe	State: NC Zip: 28110	City: Horatio State: SC
Project Contact:	Scott Ball	Email:	Project #:
Phone #:	(704) 845-9110		Fax #: UST Permit # 08825
Sampler(s) Name(s) (Printed) Sampler 1:	Kyle Perry	Sampler 2: Conor Donnelly	Client Purchase Order #

Analytical Information: BTEX + MTBE + Naphthalene (8260B); EDB (504.1)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid

SGS Orlando Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of Bottles	Container Information	Lab Use Only
1	08825-MW-1	10/13/20	1137	KP	GW	5	HCl	
2	08825-MW-2	10/13/20	1150	KP	GW	5	HCl	
3	08825-MW-3	10/13/20	1209	KP	GW	5	HCl	
4	08825-MW-4	10/13/20	1132	KP	GW	5	HCl	
5	08825-MW-5	10/13/20	0956	KP	GW	5	HCl	
6	08825-MW-6	10/13/20	0945	KP	GW	5	HCl	
7	08825-MW-9	10/13/20	1009	KP	GW	5	HCl	
8	08825-MW-10	10/13/20	1018	KP	GW	5	HCl	
9	08825-MW-11	10/13/20	0951	KP	GW	5	HCl	
10	08825-MW-12	10/13/20	1017	KP	GW	5	HCl	
11	08825-MW-13	10/13/20	1001	KP	GW	5	HCl	
12	08825-MW-14	10/13/20	1042	KP	GW	5	HCl	

INITIAL ASSESSMENT

Turnaround Time (Business days)

- (10 Day (Business))
- 7 Day
- 5 Day
- 3 Day *RUSH*
- 2 Day *RUSH*
- 1 Day *RUSH*
- Other

Approved By: / Date:

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- ☐ COMMERCIAL "A" (RESULTS ONLY)
- ☒ COMMERCIAL "B" (RESULTS PLUS QC)
- ☐ REDT1 (EPA LEVEL 3)
- ☐ FULLT1 (EPA LEVEL 4)
- ☒ EDD'S

Comments / Remarks

SC DHEC UST Management Division
UST Permit # 08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	Kyle Perry	10/13/20 1145	2 FedEx 1009 6378 1146 / 1009 6378 1146	3	10/14 1200	4 FK
5	FK	10/15/20 0915	6 Carlos A Alfaro	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected): 1.4°C. IR#1

http://www.sgs.com/en/terms-and-conditions

SC DHEC

SGS North America Inc - Orlando

Chain of Custody

FA79814

SGS - ORLANDO JOB #:

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SGS - ORLANDO Quote #

SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.

Address: 3502 Hayes Rd.

City: Monroe State: NC Zip: 28110

Project Contact: Scott Ball Email:

Phone #: (704) 845-4010

Sampler(s) Name(s) (Printed)

Sampler 1: Kyle Perry Sampler 2: Conor Donnelly

Project Information

Project Name: Lenoir Store

Street: 3240 Horatio Hagood Rd.

City: Horatio State: SC

Project #: 2001

Fax #: UST Permit # 08825

Client Purchase Order #

Analytical Information

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OL - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid

SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION: DATE	TIME	SAMPLED BY	MATRIX	# OF BOTTLES	CONTAINER INFORMATION: HCl	NaOH	HNO3	H2SO4	NaHSO4	DI WATER	METHANOL	Naphthalene	LAB USE ONLY
13	08825 mw-15	10/5/20	[illegible]	KP	GW	5				5			X	X	
14	08825 mw-17	10/5/20	[illegible]	KP	GW	5				5			X	X	
15	08825 mw-18	10/5/20	0844	KP	GW	5				5			X	X	
16	08825 mw-19	10/5/20	1539	KP	GW	5				5			X	X	
17	08825 mw-20	10/5/20	1423	KP	GW	5				5			X	X	
18	08825 mw-22	10/5/20	1620	KP	GW	5				5			X	X	
19	08825 mw-24	10/5/20	1078	KP	GW	5				5			X	X	
20	08825 mw-27	10/5/20	1131	KP	GW	5				5			X	X	
21	08825 mw-28	10/5/20	1002	KP	GW	5				5			X	X	
22	08825 mw-29	10/5/20	1520	KP	GW	5				5			X	X	
23	08825 mw-30	10/5/20	1558	KP	GW	5				5			X	X	
24	08825 mw-31	10/5/20	1635	KP	GW	5				5			X	X	

Turnaround Time (Business days)

10 Day (Business) Approved By: / Date

7 Day

5 Day

3 Day *RUSH*

2 Day *RUSH*

1 Day *RUSH*

Other

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SC DHEC UST Management Division

UST Permit # 08825

mw-15 1112 (Time) mw-17 0907 (Time)

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1		2 FedEx 1009 6378 4140/1009 6378 4151	3	10/14 11:20	4
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

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SGS FA79814

SGS North America Inc - Orlando

Chain of Custody

SGS - ORLANDO JOB #: FA79814

SGS - ORLANDO Quote #

SKIFF #

Client / Reporting Information		Project Information		Analytical Information	Matrix Codes
Company Name: Geological Resources Inc.		Project Name: Lenoir Store			DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid
Address: 3502 Hayes Road		Street: 3240 Horatio Hagood Rd.			
City: Monroe State: NC Zip: 28110		City: Horatio State: SC			
Project Contact: Scott Ball Email:		Project #: 2001			
Phone #: (704) 845-4010		Fax: UST Permit # 08825			
Sampler(s) Name(s) (Printed): Sampler 1: Kyle Perry Sampler 2: Conor Donnelly		Client Purchase Order #			

SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION: DATE	TIME	SAMPLED BY	CONTAINER INFORMATION: MATRIX	# OF BOTTLES	H2SO4	NONE	HCl	NaOH	HNO3	ZnAc	NaOH+ZnAc	DI WATER	MEOH	Preservation Correct/Checked	Field Filtered (if applicable)	Analysis Test: BTEX + MTBE + Naphthalene	Analysis Test: EDB	Analysis Test: DCA	Analysis Test: Ethanol	Analysis Test: VOC	LAB USE ONLY
25	08825 - MW-33	11/9/16	1154	KP	GW	3			3									X		X			
26	08825 - MW-34	11/9/16	1310	KP	GW	3			3									X		X			
27	08825 - MW-35	11/9/16	1311	KP	GW	3			3									X		X			
28	08825 - TW-1	11/9/16	1341	KP	GW	3			3									X		X			
29	08825 - TW-2	11/9/16	1401	KP	GW	3			3									X		X			
30	08825 - TW-3	11/9/16	1450	KP	GW	3			3									X		X			
31	08825 - DUP-A	11/9/16	1700	KP	GW	3			3									X		X			
32	08825 - DUP-B	11/9/16	201	KP	GW	3			3									X		X			
33	08825 - FB	11/9/16	1320	KP	WW	3			3									X		X			
34	08825 - FB-2	11/9/16	1301	KP	WW	3			3									X		X			
35	08825 - TB	11/9/16	0900	KP	WW	2			2									X					
36	08825 - USW-2	11/9/16	1147	KP	SW	6			6										X	X	X		

Turnaround Time (Business days)	Data Deliverable Information	Comments / Remarks
(10 Day (Business)) Approved By: / Date:	☐ COMMERCIAL "A" (RESULTS ONLY)	SC DHEC UST Management Division
7 Day	☒ COMMERCIAL "B" (RESULTS PLUS QC)	UST Permit # 08825
5 Day	☐ REDT1 (EPA LEVEL 3)	
3 Day *RUSH*	☐ FULLT1 (EPA LEVEL 4)	
2 Day *RUSH*	☒ EDD'S	
1 Day *RUSH*		
Other		
Rush T/A Data Available VIA Email or Lablink		

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1		2 FedEx 1009 6318 4140/1009 6518 4151	3		4
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

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SGS North America Inc - Orlando

Chain of Custody

SGS - ORLANDO JOB #: FA79814

PAGE 4 OF 4

1105 Vineland Road, Suite C-15, Orlando, FL 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com

SGS - ORLANDO Quote #

SKIFF #

Client / Reporting Information		Project Information		Analytical Information	Matrix Codes
Company Name: Diversified Resources Inc		Project Name: Lenox Store			DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid
Address: 3502 Hayes Rd.		Street: 3240 Horatio Haygood Rd.			
City: Monroe State: NC Zip: 28110		City: Horatio State: SC			
Project Contact: Email:		Project #:			
Phone #: (704) 545-4010		Fax #: UST Permit # 08825			
Sampler(s) Name(s) (Printed) Sampler 1: Kyle Perry Sampler 2: Connor Donnelly		Client Purchase Order #			

SGS Orlando Sample #	Field ID / Point of Collection	Collection: Date	Collection: Time	Collection: Sampled By	Container Information: Matrix	Container Information: Total # of Containers	Container Information: Cooler	Container Information: None	Container Information: HCl	Container Information: H2SO4	Container Information: HNO3	Container Information: NaOH	Container Information: Methanol	Container Information: NaHSO4	Container Information: Other	BTEX + MTBE	Naphthalene			LAB USE ONLY
37	[illegible]	10/13/20	1248	KP	WW	4			4							X	X	X		
38	[illegible]	10/13/20	1254	KP	WW	4			4							X	X	X		
39	[illegible]	10/13/20	1303	KP	WW	4			4							X	X	X		
40	[illegible]	10/13/20	1307	KP	WW	4			4							X	X	X		
41	[illegible]	10/13/20	1310	KP	WW	4			4							X	X			

Turnaround Time (Business days)

- [x] 10 Day (Business)
- [ ] 7 Day
- [ ] 5 Day
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*
- [ ] Other

Approved By: / Date:

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

10/14 7:30

Comments / Remarks

SC DHEC UST Management Division

UST Permit # 08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 Kyle Perry	[illegible]	2 FedEx	3		4
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

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FA79814: Chain of Custody
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SGS Sample Receipt Summary

Job Number: FA79814 **Client:** GEOLOGICAL RESOURCES INC **Project:** LENOIR STORE

Date / Time Received: 10/15/2020 9:15:00 AM **Delivery Method:** FED EX **Airbill #'s:** 100963784151

Therm ID: IR 1; **Therm CF:** -0.2; **# of Coolers:** 1

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (1.8);

Cooler Information	Y	or	N
1. Custody Seals Present	☑		☐
2. Custody Seals Intact	☑		☐
3. Temp criteria achieved	☑		☐
4. Cooler temp verification	IR Gun		
5. Cooler media	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler	☑		☐	☐
2. Trip Blank listed on COC	☑		☐	☐
	W	**or**	**S**	**N/A**
3. Type Of TB Received	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles	☑		☐	
2. Samples preserved properly	☑		☐	
3. Sufficient volume/containers recvd for analysis:	☑		☐	
4. Condition of sample	Intact			
5. Sample recvd within HT	☑		☐	
6. Dates/Times/IDs on COC match Sample Label	☑		☐	
7. VOCs have headspace	☐		☑	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____ Number of 5035 Field Kits: _____ Number of Lab Filtered Metals: _____

Test Strip Lot #s: pH 0-3 230315 pH 10-12 219813A Other: (Specify) _____ _____

Residual Chlorine Test Strip Lot #: _____

Comments

SM001
Rev. Date 05/24/17

Technician: CARLOSD Date: 10/15/2020 9:15:00 A Reviewer: _____ Date: _____

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MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- **Method Blank Summaries**
- **Blank Spike Summaries**
- **Matrix Spike and Duplicate Summaries**

Method Blank Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2147-MB	I67228.D	1	10/16/20	SP	n/a	n/a	VI2147

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-12, FA79814-13, FA79814-14, FA79814-15, FA79814-16, FA79814-17, FA79814-18, FA79814-19, FA79814-20, FA79814-21, FA79814-22, FA79814-23

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	103%	83-118%

Method Blank Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP3008-MB	P75213.D	1	10/19/20	SO	n/a	n/a	VP3008

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-1, FA79814-2, FA79814-3, FA79814-4, FA79814-5, FA79814-6, FA79814-7, FA79814-8, FA79814-9, FA79814-10, FA79814-11, FA79814-26, FA79814-27, FA79814-28, FA79814-29, FA79814-30

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	110%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

Method Blank Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2148-MB	I67258.D	1	10/19/20	SP	n/a	n/a	VI2148

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-13, FA79814-17, FA79814-19, FA79814-20, FA79814-24, FA79814-25, FA79814-31, FA79814-32, FA79814-33, FA79814-34, FA79814-35

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

Method Blank Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP3010-MB	P75242.D	1	10/20/20	SO	n/a	n/a	VP3010

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-1

CAS No.	Compound	Result	RL	MDL	Units	Q
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	79-125%
2037-26-5	Toluene-D8	109%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Method Blank Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2149-MB	I67286.D	1	10/20/20	SP	n/a	n/a	VI2149

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-31

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

Blank Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2147-BS	I67230.D	1	10/16/20	SP	n/a	n/a	VI2147

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-12, FA79814-13, FA79814-14, FA79814-15, FA79814-16, FA79814-17, FA79814-18, FA79814-19, FA79814-20, FA79814-21, FA79814-22, FA79814-23

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.4	98	81-122
107-06-2	1,2-Dichloroethane	25	23.5	94	75-125
108-20-3	Di-Isopropyl Ether	25	24.1	96	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1180	94	55-126
64-17-5	Ethyl Alcohol	500	432	86	46-145
100-41-4	Ethylbenzene	25	24.6	98	81-121
637-92-3	Ethyl Tert Butyl Ether	25	22.4	90	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.4	98	72-117
91-20-3	Naphthalene	25	24.0	96	63-132
75-85-4	Tert-Amyl Alcohol	250	230	92	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.7	95	73-122
75-65-0	Tert-Butyl Alcohol	250	212	85	63-129
762-75-4	Tert-Butyl Formate	125	112	90	46-130
108-88-3	Toluene	25	23.8	95	80-120
1330-20-7	Xylene (total)	75	74.5	99	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP3008-BS	P75210.D	1	10/19/20	SO	n/a	n/a	VP3008

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-1, FA79814-2, FA79814-3, FA79814-4, FA79814-5, FA79814-6, FA79814-7, FA79814-8, FA79814-9, FA79814-10, FA79814-11, FA79814-26, FA79814-27, FA79814-28, FA79814-29, FA79814-30

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	21.7	87	81-122
107-06-2	1,2-Dichloroethane	25	20.4	82	75-125
108-20-3	Di-Isopropyl Ether	25	19.3	77	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1280	102	55-126
64-17-5	Ethyl Alcohol	500	506	101	46-145
100-41-4	Ethylbenzene	25	23.3	93	81-121
637-92-3	Ethyl Tert Butyl Ether	25	18.1	72	71-120
1634-04-4	Methyl Tert Butyl Ether	25	21.0	84	72-117
91-20-3	Naphthalene	25	20.8	83	63-132
75-85-4	Tert-Amyl Alcohol	250	245	98	65-124
994-05-8	Tert-Amyl Methyl Ether	25	20.8	83	73-122
75-65-0	Tert-Butyl Alcohol	250	204	82	63-129
762-75-4	Tert-Butyl Formate	125	125	100	46-130
108-88-3	Toluene	25	22.7	91	80-120
1330-20-7	Xylene (total)	75	70.7	94	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	105%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2148-BS	I67259.D	1	10/19/20	SP	n/a	n/a	VI2148

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-13, FA79814-17, FA79814-19, FA79814-20, FA79814-24, FA79814-25, FA79814-31, FA79814-32, FA79814-33, FA79814-34, FA79814-35

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.3	97	81-122
107-06-2	1,2-Dichloroethane	25	23.3	93	75-125
108-20-3	Di-Isopropyl Ether	25	23.9	96	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1260	101	55-126
64-17-5	Ethyl Alcohol	500	416	83	46-145
100-41-4	Ethylbenzene	25	24.3	97	81-121
637-92-3	Ethyl Tert Butyl Ether	25	22.2	89	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.2	97	72-117
91-20-3	Naphthalene	25	23.2	93	63-132
75-85-4	Tert-Amyl Alcohol	250	228	91	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.8	95	73-122
75-65-0	Tert-Butyl Alcohol	250	184	74	63-129
762-75-4	Tert-Butyl Formate	125	119	95	46-130
108-88-3	Toluene	25	23.5	94	80-120
1330-20-7	Xylene (total)	75	73.4	98	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP3010-BS	P75240.D	1	10/20/20	SO	n/a	n/a	VP3010

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1330-20-7	Xylene (total)	75	72.0	96	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2149-BS	I67284.D	1	10/20/20	SP	n/a	n/a	VI2149

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-31

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.2	93	81-122
107-06-2	1,2-Dichloroethane	25	22.0	88	75-125
108-20-3	Di-Isopropyl Ether	25	22.9	92	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1170	94	55-126
64-17-5	Ethyl Alcohol	500	462	92	46-145
100-41-4	Ethylbenzene	25	23.6	94	81-121
637-92-3	Ethyl Tert Butyl Ether	25	21.4	86	71-120
1634-04-4	Methyl Tert Butyl Ether	25	23.2	93	72-117
91-20-3	Naphthalene	25	23.8	95	63-132
75-85-4	Tert-Amyl Alcohol	250	210	84	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.8	91	73-122
75-65-0	Tert-Butyl Alcohol	250	158	63	63-129
762-75-4	Tert-Butyl Formate	125	113	90	46-130
108-88-3	Toluene	25	22.6	90	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA79814-17MS	I67248.D	25	10/16/20	SP	n/a	n/a	VI2147
FA79814-17MSD	I67249.D	25	10/17/20	SP	n/a	n/a	VI2147
FA79814-17	I67241.D	25	10/16/20	SP	n/a	n/a	VI2147

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-12, FA79814-13, FA79814-14, FA79814-15, FA79814-16, FA79814-17, FA79814-18, FA79814-19, FA79814-20, FA79814-21, FA79814-22, FA79814-23

CAS No.	Compound	FA79814-17 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	465		625	1110	103	625	1050	94	6	81-122/14
107-06-2	1,2-Dichloroethane	ND		625	633	101	625	605	97	5	75-125/14
108-20-3	Di-Isopropyl Ether	ND		625	643	103	625	627	100	3	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		31300	30700	98	31300	30500	98	1	55-126/17
64-17-5	Ethyl Alcohol	ND		12500	15400	123	12500	15200	122	1	46-145/30
100-41-4	Ethylbenzene	1900		625	2420	83	625	2320	67* [a]	4	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		625	591	95	625	581	93	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		625	644	103	625	629	101	2	72-117/14
91-20-3	Naphthalene	346		625	1010	106	625	961	98	5	63-132/25
75-85-4	Tert-Amyl Alcohol	280	J	6250	6060	92	6250	6120	93	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		625	626	100	625	615	98	2	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		6250	4450	71	6250	4450	71	0	63-129/27
762-75-4	Tert-Butyl Formate	ND		3130	2790	89	3130	2720	87	3	46-130/33
108-88-3	Toluene	534		625	1130	95	625	1080	87	5	80-120/14
1330-20-7	Xylene (total)	8240	E	1880	9370	60* [a]	1880	8960	38* [a]	4	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA79814-17	Limits
1868-53-7	Dibromofluoromethane	99%	99%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	98%	100%	79-125%
2037-26-5	Toluene-D8	100%	100%	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	98%	99%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA79814-1MS	P75221.D	25	10/19/20	SO	n/a	n/a	VP3008
FA79814-1MSD	P75222.D	25	10/19/20	SO	n/a	n/a	VP3008
FA79814-1	P75223.D	25	10/19/20	SO	n/a	n/a	VP3008

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-1, FA79814-2, FA79814-3, FA79814-4, FA79814-5, FA79814-6, FA79814-7, FA79814-8, FA79814-9, FA79814-10, FA79814-11, FA79814-26, FA79814-27, FA79814-28, FA79814-29, FA79814-30

CAS No.	Compound	FA79814-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	52.9		625	730	108	625	678	100	7	81-122/14
107-06-2	1,2-Dichloroethane	ND		625	647	104	625	594	95	9	75-125/14
108-20-3	Di-Isopropyl Ether	ND		625	586	94	625	558	89	5	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		31300	42700	137*	31300	38000	122	12	55-126/17
64-17-5	Ethyl Alcohol	ND		12500	17300	138	12500	13600	109	24	46-145/30
100-41-4	Ethylbenzene	535		625	1300	122*	625	1210	108	7	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		625	556	89	625	526	84	6	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		625	621	99	625	603	96	3	72-117/14
91-20-3	Naphthalene	711		625	1560	136*	625	1430	115	9	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		6250	7340	117	6250	7000	112	5	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		625	629	101	625	589	94	7	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		6250	6080	97	6250	5590	89	8	63-129/27
762-75-4	Tert-Butyl Formate	ND		3130	3360	108	3130	3210	103	5	46-130/33
108-88-3	Toluene	641		625	1360	115	625	1250	97	8	80-120/14
1330-20-7	Xylene (total)	7380	E	1880	10200	150* [a]	1880	9320	103	9	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA79814-1	Limits
1868-53-7	Dibromofluoromethane	96%	100%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	95%	97%	79-125%
2037-26-5	Toluene-D8	100%	100%	105%	85-112%
460-00-4	4-Bromofluorobenzene	91%	91%	91%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA79814-24MS	I67278.D	1	10/20/20	SP	n/a	n/a	VI2148
FA79814-24MSD	I67279.D	1	10/20/20	SP	n/a	n/a	VI2148
FA79814-24	I67264.D	1	10/19/20	SP	n/a	n/a	VI2148

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-13, FA79814-17, FA79814-19, FA79814-20, FA79814-24, FA79814-25, FA79814-31, FA79814-32, FA79814-33, FA79814-34, FA79814-35

CAS No.	Compound	FA79814-24 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	24.9	100	25	24.7	99	1	81-122/14
107-06-2	1,2-Dichloroethane	ND		25	24.0	96	25	24.1	96	0	75-125/14
108-20-3	Di-Isopropyl Ether	ND		25	24.4	98	25	24.5	98	0	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		1250	1200	96	1250	1250	100	4	55-126/17
64-17-5	Ethyl Alcohol	ND		500	568	114	500	603	121	6	46-145/30
100-41-4	Ethylbenzene	ND		25	24.7	99	25	24.7	99	0	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		25	22.3	89	25	22.6	90	1	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		25	23.9	96	25	24.2	97	1	72-117/14
91-20-3	Naphthalene	ND		25	22.3	89	25	22.8	91	2	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		250	215	86	250	221	88	3	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		25	23.4	94	25	23.6	94	1	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		250	186	74	250	189	76	2	63-129/27
762-75-4	Tert-Butyl Formate	ND		125	ND	0*	125	ND	0*	nc	46-130/33
108-88-3	Toluene	ND		25	24.1	96	25	24.1	96	0	80-120/14
1330-20-7	Xylene (total)	ND		75	74.3	99	75	74.5	99	0	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA79814-24	Limits
1868-53-7	Dibromofluoromethane	100%	99%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	97%	101%	79-125%
2037-26-5	Toluene-D8	99%	100%	100%	85-112%
460-00-4	4-Bromofluorobenzene	98%	98%	102%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA79814-1MS	P75251.D	50	10/20/20	SO	n/a	n/a	VP3010
FA79814-1MSD	P75252.D	50	10/20/20	SO	n/a	n/a	VP3010
FA79814-1	P75244.D	50	10/20/20	SO	n/a	n/a	VP3010

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-1

CAS No.	Compound	FA79814-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1330-20-7	Xylene (total)	6800		3750	11500	125	3750	10400	96	10	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA79814-1	Limits
1868-53-7	Dibromofluoromethane	97%	97%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	99%	97%	79-125%
2037-26-5	Toluene-D8	101%	101%	108%	85-112%
460-00-4	4-Bromofluorobenzene	92%	93%	92%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA79951-1MS	I67307.D	1	10/20/20	SP	n/a	n/a	VI2149
FA79951-1MSD	I67308.D	1	10/21/20	SP	n/a	n/a	VI2149
FA79951-1	I67292.D	1	10/20/20	SP	n/a	n/a	VI2149

The QC reported here applies to the following samples: Method: SW846 8260D

FA79814-31

CAS No.	Compound	FA79951-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U		25	27.5	110	25	26.5	106	4	81-122/14
107-06-2	1,2-Dichloroethane	1.0 U		25	26.4	106	25	26.0	104	2	75-125/14
108-20-3	Di-Isopropyl Ether	1.0 U		25	27.3	109	25	26.3	105	4	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50 U		1250	1630	130*	1250	1700	136*	4	55-126/17
64-17-5	Ethyl Alcohol	200 U		500	583	117	500	400	80	37*	46-145/30
100-41-4	Ethylbenzene	1.0 U		25	27.3	109	25	26.3	105	4	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0 U		25	25.2	101	25	24.5	98	3	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	27.0	108	25	26.9	108	0	72-117/14
91-20-3	Naphthalene	5.0 U		25	26.1	104	25	27.0	108	3	63-132/25
75-85-4	Tert-Amyl Alcohol	20 U		250	254	102	250	265	106	4	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0 U		25	26.3	105	25	25.9	104	2	73-122/13
75-65-0	Tert-Butyl Alcohol	20 U		250	203	81	250	203	81	0	63-129/27
762-75-4	Tert-Butyl Formate	20 U		125	ND	0*	125	ND	0*	nc	46-130/33
108-88-3	Toluene	1.0 U		25	26.5	106	25	25.6	102	3	80-120/14

CAS No.	Surrogate Recoveries	MS	MSD	FA79951-1	Limits
1868-53-7	Dibromofluoromethane	99%	99%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	99%	102%	79-125%
2037-26-5	Toluene-D8	100%	100%	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	102%	83-118%

* = Outside of Control Limits.

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- **Method Blank Summaries**
- **Blank Spike Summaries**
- **Matrix Spike and Duplicate Summaries**

Method Blank Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82532-MB	DD113976.D	1	10/16/20	CV	10/16/20	OP82532	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-1, FA79814-2, FA79814-3, FA79814-4, FA79814-5, FA79814-6, FA79814-7, FA79814-8, FA79814-9, FA79814-10, FA79814-11, FA79814-12, FA79814-13, FA79814-14, FA79814-15, FA79814-16, FA79814-17, FA79814-18, FA79814-19, FA79814-20

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	105%	63-137%

Method Blank Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82533-MB	DD114005.D	1	10/16/20	CV	10/16/20	OP82533	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-21, FA79814-22, FA79814-23, FA79814-24, FA79814-25, FA79814-26, FA79814-27, FA79814-28, FA79814-29, FA79814-30, FA79814-31, FA79814-32, FA79814-33, FA79814-34

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	112%	63-137%

Blank Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82532-BS	DD113974.D	1	10/16/20	CV	10/16/20	OP82532	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-1, FA79814-2, FA79814-3, FA79814-4, FA79814-5, FA79814-6, FA79814-7, FA79814-8, FA79814-9, FA79814-10, FA79814-11, FA79814-12, FA79814-13, FA79814-14, FA79814-15, FA79814-16, FA79814-17, FA79814-18, FA79814-19, FA79814-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	122%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd. Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82532-BS2	DD113975.D	1	10/16/20	CV	10/16/20	OP82532	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-1, FA79814-2, FA79814-3, FA79814-4, FA79814-5, FA79814-6, FA79814-7, FA79814-8, FA79814-9, FA79814-10, FA79814-11, FA79814-12, FA79814-13, FA79814-14, FA79814-15, FA79814-16, FA79814-17, FA79814-18, FA79814-19, FA79814-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	110%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82533-BS	DD114003.D	1	10/16/20	CV	10/16/20	OP82533	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-21, FA79814-22, FA79814-23, FA79814-24, FA79814-25, FA79814-26, FA79814-27, FA79814-28, FA79814-29, FA79814-30, FA79814-31, FA79814-32, FA79814-33, FA79814-34

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.24	96	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	112%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82533-BS2	DD114004.D	1	10/16/20	CV	10/16/20	OP82533	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-21, FA79814-22, FA79814-23, FA79814-24, FA79814-25, FA79814-26, FA79814-27, FA79814-28, FA79814-29, FA79814-30, FA79814-31, FA79814-32, FA79814-33, FA79814-34

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.23	92	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	112%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82532-MS	DD114001.D	1	10/16/20	CV	10/16/20	OP82532	GDD3284
FA79814-1 [a]	DD113977.D	1	10/16/20	CV	10/16/20	OP82532	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-1, FA79814-2, FA79814-3, FA79814-4, FA79814-5, FA79814-6, FA79814-7, FA79814-8, FA79814-9, FA79814-10, FA79814-11, FA79814-12, FA79814-13, FA79814-14, FA79814-15, FA79814-16, FA79814-17, FA79814-18, FA79814-19, FA79814-20

CAS No.	Compound	FA79814-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	0.049		0.237	0.18	55*	72-134

CAS No.	Surrogate Recoveries	MS	FA79814-1	Limits
460-00-4	4-Bromofluorobenzene	75%	104%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82533-MS	DD114024.D	1	10/17/20	CV	10/16/20	OP82533	GDD3284
FA79814-21	DD114006.D	1	10/16/20	CV	10/16/20	OP82533	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-21, FA79814-22, FA79814-23, FA79814-24, FA79814-25, FA79814-26, FA79814-27, FA79814-28, FA79814-29, FA79814-30, FA79814-31, FA79814-32, FA79814-33, FA79814-34

CAS No.	Compound	FA79814-21 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.235	0.20	85	72-134

CAS No.	Surrogate Recoveries	MS	FA79814-21	Limits
460-00-4	4-Bromofluorobenzene	100%	105%	63-137%

* = Outside of Control Limits.

7.3.2

7

Duplicate Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store: 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82532-DUP	DD114002.D	1	10/16/20	CV	10/16/20	OP82532	GDD3284
FA79814-17	DD113995.D	1	10/16/20	CV	10/16/20	OP82532	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-1, FA79814-2, FA79814-3, FA79814-4, FA79814-5, FA79814-6, FA79814-7, FA79814-8, FA79814-9, FA79814-10, FA79814-11, FA79814-12, FA79814-13, FA79814-14, FA79814-15, FA79814-16, FA79814-17, FA79814-18, FA79814-19, FA79814-20

CAS No.	Compound	FA79814-17 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA79814-17	Limits
460-00-4	4-Bromofluorobenzene	93%	93%	63-137%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA79814
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP82533-DUP	DD114025.D	1	10/17/20	CV	10/16/20	OP82533	GDD3284
FA79814-30	DD114017.D	1	10/17/20	CV	10/16/20	OP82533	GDD3284

The QC reported here applies to the following samples: Method: SW846 8011

FA79814-21, FA79814-22, FA79814-23, FA79814-24, FA79814-25, FA79814-26, FA79814-27, FA79814-28, FA79814-29, FA79814-30, FA79814-31, FA79814-32, FA79814-33, FA79814-34

CAS No.	Compound	FA79814-30 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA79814-30	Limits
460-00-4	4-Bromofluorobenzene	109%	107%	63-137%

* = Outside of Control Limits.

APPENDIX B

Field Data Information Sheets

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Tom Knight	Field Personnel: Kyle Perry / Conor Donnelly

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-1	14.52	4.5 - 14.5	–	6.64	–	Y	N	Y	N	Y
MW-2	14.43	5 - 15	–	5.11	–	Y	N	Y	N	N
MW-3	14.87	4 - 14	–	5.21	–	Y	N	buried	N	Y
MW-4	12.19	2 - 12	–	7.16	–	Y	N	buried	N	N
MW-5	12.28	2 - 12	–	5.72	–	Y	N	Y	N	Y
MW-6	11.94	2 - 12	–	4.89	–	Y	N	cracked	Y	N
MW-7	NF	2 - 12	–	–	–	–	–	–	–	NF
MW-8	~~NF~~ NF	3 - 13	–	–	–	–	–	–	–	NF
MW-9	12.36	2 - 12	–	5.40	–	Y	N	Y	1/3	N
MW-10	12.26	2 - 12	–	5.49	–	Y	N	Y	1/3	N
MW-11	11.98	2 - 12	–	4.53	–	Y	N	buried	2/3	N
MW-12	12.51	3 - 13	–	4.03	–	Y	N	Y	1/3	N
MW-13	11.72	2 - 12	–	4.46	–	Y	N	Y	1/3	N

Notes: MW-8 = could not be located - overgrown trees/vines /

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Tom Knight	Field Personnel: Kyle Perry / Conor Donnelly

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-14	11.11	2 - 12	-	3.49	-	Y	N	buried	1/3	N
MW-15	13.38	3 - 13	-	4.39	-	Y	N	Y	2/3	N
MW-16	NF	3 - 13	-	-	-	-	-	-	-	NF
MW-17	11.60	3 - 13	-	5.63	-	Y	N	Y	2/3	N
MW-18	13.16	3 - 13	-	6.04	-	Y	N	Y	Y	N
MW-19	13.25	4 - 14	-	4.72	-	Y	N	Y	N	Y
MW-20	13.81	4 - 14	-	5.93	-	Y	N	Y	1/2	Y
MW-21	NF	4 - 14	-	-	-	-	-	-	-	NF
MW-22	NA	4 - 14	-	-	-	-	-	-	-	NA
MW-23	~~NF~~ 13.01 KP	4 - 14	-	6.94	-	Y	Y	buried	~~NA~~	~~NF~~ KP Y
MW-24	13.47	4 - 14	-	5.95	-	Y	N	buried	1/2	Y
MW-25	NF	4.5 - 14.5	-	-	-	-	-	-	-	NF
MW-26	NF	5 - 15	-	-	-	-	-	-	-	NF

Notes: ~~MW-23 = could not locate - overgrown trees/vines - metal detector ineffective~~ KP MW-21 = could not locate - overgrown kudzu / MW-22 = not accessible - well cover ~~with~~ KP is stuck - could not open!

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Tom Knight	Field Personnel: Kyle Perry / Conor Donnelly

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-27	14.57	5 - 15	-	7.12	-	Y	N	Y	1/3	N
MW-28	13.51	5 - 15	-	7.29	-	Y	N	buried	N	N
MW-29	13.03	4 - 14	-	3.16	-	Y	N	Y	N	N
MW-30	13.80	4 - 14	-	3.36	-	Y	N	Y	1/3	N
MW-31	14.60	5 - 15	-	4.34	-	Y	N	Y	2/3	N
MW-32	NF	5 - 15	-	-	-	-	-	-	-	NF
MW-33	13.16	5 - 15	-	4.24	-	Y	N	Y	Y	N
MW-34	~~NA~~	5 - 15	-	7.17	-	~~Y~~ Y	~~Y~~ N	Y	1/3	~~NA~~
MW-35	~~NA~~	3 - 13	-	5.44	-	-	~~Y~~ N	-	-	~~NA~~
TW-1	39.97	36 - 41	-	6.91	-	Y	N	Y	N	N
TW-2	36.30	33 - 38	-	6.19	-	Y	N	Y	2/3	Y
TW-3	39.43	35 - 40	-	7.42	-	Y	N	buried	N	Y

Notes: MW-34 + MW-35 = not accessible - behind locked gate / MW-32 = could not locate - overgrown trees / vines /

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4.5 to 14.5		Total Well Depth (TWD) (ft.): 14.52
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.64		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.88	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1712	Duplicate: (Y) or N	If yes, Duplicate Time: 1200

Notes: Sheen/odor - No parameters taken - 3.75 gals purged.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 14.43	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.11	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 9.32	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	1754	1759						
PH (s.u.)	5.06	4.98						
Specific Conductivity (µS/cm)	84.2	84.1						
Water Temperature (°C)	23.0	22.7						
Turbidity (NTU)	15.02	301.80						
Dissolved Oxygen (mg/L)	2.23	2.81						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1800	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 2.75 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 14.87	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.21	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 9.66	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	1813	1818						
PH (s.u.)	4.68	4.65						
Specific Conductivity (µS/cm)	53.5	57.4						
Water Temperature (°C)	22.9	22.2						
Turbidity (NTU)	24.05	1000+						
Dissolved Oxygen (mg/L)	3.12	2.70						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1819	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 2.0 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12.19	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.16	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 5.03	1 casing volume (CV=LWC*C)(gals): 0.75	3 casing volumes 3*CV)(gals): 2.25	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	0.75	1.50	2.25				
Time (military)	1043	1046	1049	1052				
PH (s.u.)	5.09	5.15	5.04	5.13				
Specific Conductivity (µS/cm)	47.9	49.3	48.6	49.7				
Water Temperature (°C)	23.1	22.4	22.2	22.4				
Turbidity (NTU)	70.3	217.94	268.14	251.84				
Dissolved Oxygen (mg/L)	3.67	3.59	3.63	3.44				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1053	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12.28	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.72	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 6.56	1 casing volume (CV=LWC*C)(gals): 1.0	3 casing volumes 3*CV)(gals): 3.0	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.0	2.0	3.0				
Time (military)	0915	0918	0922	0925				
PH (s.u.)	5.13	4.85	4.68	4.50				
Specific Conductivity (µS/cm)	34.1	30.4	32.1	29.0				
Water Temperature (°C)	21.6	21.5	21.5	21.6				
Turbidity (NTU)	26.91	598.78	509.34	430.52				
Dissolved Oxygen (mg/L)	3.03	2.98	3.18	3.21				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 0926	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 11.94	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.89	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.05	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)	0932	0936	0940	0944				
PH (s.u.)	4.91	4.66	4.48	4.31				
Specific Conductivity (µS/cm)	23.8	23.6	23.9	23.6				
Water Temperature (°C)	22.3	22.4	22.5	22.3				
Turbidity (NTU)	4.84	1000+	961.87	968.01				
Dissolved Oxygen (mg/L)	2.94	2.90	2.93	2.91				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 0945	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-7	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not found.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-8	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other_____ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Found - overgrown Kudzu - could not locate.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-9	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 12.36
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.40		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 6.96	1 casing volume (CV=LWC*C)(gals): 1.0	3 casing volumes 3*CV)(gals): 3.0	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.0	2.0	3.0				
Time (military)	1902	1905	1908					
PH (s.u.)	4.55	4.52	4.50					
Specific Conductivity (µS/cm)	78.9	77.6	75.9					
Water Temperature (°C)	24.4	24.2	23.8					
Turbidity (NTU)	2.96	186.10	192.43					
Dissolved Oxygen (mg/L)	2.90	2.77	2.74					

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1909	Duplicate: Y or (N)	If yes, Duplicate Time.

Notes: Dry @ 2.50 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-10	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12.26	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.49	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 6.77	1 casing volume (CV=LWC*C)(gals): 1.0	3 casing volumes 3*CV)(gals): 3.0	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.0	2.0	3.0				
Time (military)		1924	1927					
PH (s.u.)	5.06	4.86	4.83					
Specific Conductivity (µS/cm)	47.1	46.5	48.0					
Water Temperature (°C)	21.8	21.6	21.4					
Turbidity (NTU)	141.72	779.41	1000+					
Dissolved Oxygen (mg/L)	2.72	3.26	3.72					

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1928	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 2.0 gal.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-11	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 11.98	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.53	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.45	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)	1324	1328	1332	1336				
PH (s.u.)	5.02	4.97	5.04	5.07				
Specific Conductivity (µS/cm)	81.8	85.4	84.2	84.3				
Water Temperature (°C)	22.3	21.6	21.9	21.9				
Turbidity (NTU)	56.15	622.30	1000+	1000+				
Dissolved Oxygen (mg/L)	2.64	3.12	3.81	2.03				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1337	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-12	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.): 12.51	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.03	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 8.48	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	1608	1612	1616					
PH (s.u.)	4.97	4.74	4.59					
Specific Conductivity (µS/cm)	39.1	42.6	39.7					
Water Temperature (°C)	24.0	23.0	22.5					
Turbidity (NTU)	14.42	595.03	781.49					
Dissolved Oxygen (mg/L)	2.74	2.98	3.49					

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1617	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 3.50 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-13	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 11.72
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.40	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):
7.32	1.25	3.75	—

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)	1448	1452	~~1500~~ CP 1456	1500				
PH (s.u.)	4.60	4.44	4.45	4.33				
Specific Conductivity (µS/cm)	46.7	44.6	43.8	42.2				
Water Temperature (°C)	23.8	22.9	22.5	22.2				
Turbidity (NTU)	22.16	1000+	1000+	1000+				
Dissolved Oxygen (mg/L)	2.85	3.39	3.44	3.47				

Sampling Data

Sampled By:	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:
Kyle Perry	1501		

Notes: _____

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-14	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12		Total Well Depth (TWD) (ft.): 11.11
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.49		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.62	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)	1432	1435	1438 ~~1448~~ KP	1441				
PH (s.u.)	4.91	4.66	4.60	4.54				
Specific Conductivity (µS/cm)	55.0	48.9	48.8	47.9				
Water Temperature (°C)	23.2	22.7	22.2	22.0				
Turbidity (NTU)	17.28	552.96	1000+	1000+				
Dissolved Oxygen (mg/L)	2.57	2.78	2.98	3.04				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1442	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-15	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 13.38
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.39		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 8.99	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	1107	1111						
PH (s.u.)	4.68	4.80						
Specific Conductivity (µS/cm)	108.5	113.7						
Water Temperature (°C)	23.3	22.3						
Turbidity (NTU)	11.02	551.38						
Dissolved Oxygen (mg/L)	3.37	3.17						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1112	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 225 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-16	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Found.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-18	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 13.16
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.04		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.12	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)	0843	0847						
PH (s.u.)	5.18	4.90						
Specific Conductivity (µS/cm)	59.3	56.7						
Water Temperature (°C)	21.8	21.7						
Turbidity (NTU)	19.93	1000+						
Dissolved Oxygen (mg/L)	5.10	5.40						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 0848	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 1.25 gal.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-17	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 11.60
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.63		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 5.97	1 casing volume (CV=LWC*C)(gals): 1.0	3 casing volumes 3*CV)(gals): 3.0	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.0	2.0	3.0				
Time (military)	0857	0900	0903	0906				
PH (s.u.)	5.50	5.77	5.78	5.74				
Specific Conductivity (µS/cm)	68.3	86.4	82.0	88.9				
Water Temperature (°C)	22.3	22.3	22.1	22.2				
Turbidity (NTU)	37.56	669.51	898.26	1000+				
Dissolved Oxygen (mg/L)	5.67	5.78	5.77	5.71				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 0907	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-19	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 13.25
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.72		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 8.53	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	1526	1530	1534	1538				
PH (s.u.)	4.99	4.87	4.83	4.87				
Specific Conductivity (µS/cm)	92.0	89.4	81.2	80.0				
Water Temperature (°C)	22.3	21.6	21.1	22.0				
Turbidity (NTU)	98.63	859.04	1000+	1000+				
Dissolved Oxygen (mg/L)	2.84	3.05	3.27	2.88				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1539	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/17/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-20	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.81	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.93	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.88	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1423	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Shein/odor - No parameters taken - 3.75 gal purged.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-21	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):
5 casing volumes (5*CV)(gals): —		

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not found - overgrown kudzu - could not locate

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-22	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not accessible - well cover could not be opened.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-23	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.61	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.94	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 6.67	1 casing volume (CV=LWC*C)(gals): 1.0	3 casing volumes 3*CV)(gals): 3.0	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.0	2.0	3.0				
Time (military)	1016	1019						
PH (s.u.)	5.37	5.15						
Specific Conductivity (µS/cm)	53.4	59.9						
Water Temperature (°C)	22.9	22.5						
Turbidity (NTU)	21.09	611.91						
Dissolved Oxygen (mg/L)	2.75	2.85						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1020	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 1.25 gal. Limited Volume

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-24	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): ~~to~~ 4 - 14	Total Well Depth (TWD) (ft.): 13.47	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.95	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.52	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1038	Duplicate: (Y) or N	If yes, Duplicate Time: 1201

Notes: Sheen / odor - no parameters taken - 3.75 gal. purged.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-25	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4.5 to 14.5	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Found.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-26	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not found.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-27	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 14.57	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.12	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.45	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)	1125	1130 ~~11:30~~ KP						
PH (s.u.)	5.01	5.59						
Specific Conductivity (µS/cm)	64.0	232.7						
Water Temperature (°C)	23.2	22.4						
Turbidity (NTU)	24.21	1000+						
Dissolved Oxygen (mg/L)	3.43	3.07						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1131	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 1.75 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/13/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-28	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 13.51
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.29		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 6.22	1 casing volume (CV=LWC*C)(gals): 1.0	3 casing volumes 3*CV)(gals): 3.0	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.0	2.0	3.0				
Time (military)	0952	0955	~~1000~~ KP 0958	1001				
PH (s.u.)	4.74	4.50	4.52	5.13				
Specific Conductivity (µS/cm)	66.7	64.7	62.8	69.9				
Water Temperature (°C)	23.1	22.9	22.7	22.4				
Turbidity (NTU)	6.29	478.80	272.15	92.04				
Dissolved Oxygen (mg/L)	3.05	2.96	2.72	2.69				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1002	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-29	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ iW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14		Total Well Depth (TWD) (ft.): 13.03
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.16		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 9.87	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	1511	1515	1519					
PH (s.u.)	4.78	4.78	4.95					
Specific Conductivity (µS/cm)	102.4	97.4	98.2					
Water Temperature (°C)	22.9	22.0	22.5					
Turbidity (NTU)	27.10	1000+	1000+					
Dissolved Oxygen (mg/L)	3.62	2.82	3.07					

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1520	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 3.25 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-30	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.80	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.36	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 10.44	1 casing volume (CV=LWC*C)(gals): 1.75	3 casing volumes 3*CV)(gals): 5.25	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.75	3.50	5.25				
Time (military)	1549	1553	1557					
PH (s.u.)	4.78	4.60	4.60					
Specific Conductivity (µS/cm)	39.0	37.4	36.6					
Water Temperature (°C)	23.8	23.2	22.8					
Turbidity (NTU)	43.92	162.85	1000+					
Dissolved Oxygen (mg/L)	3.19	3.67	3.94					

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1558	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4.0 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-31	Well Diameter (ft.): 2"	Conversion Factor (C); 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 14.60
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.34		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 10.26	1 casing volume (CV=LWC*C)(gals): 1.75	3 casing volumes 3*CV)(gals): 5.25	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.75	3.50	5.25				
Time (military)	1624	1629	1634					
PH (s.u.)	5.11	4.81	4.65					
Specific Conductivity (µS/cm)	60.3	61.5	60.3					
Water Temperature (°C)	22.4	21.8	21.6					
Turbidity (NTU)	28.39	862.74	507.17					
Dissolved Oxygen (mg/L)	2.68	3.03	3.42					

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1635	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4.0 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/~~12~~/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-32	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Found - overgrown Kudzu - could not locate.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-33	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 13.16	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.24	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 8.92	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	1641	1645	1649	1653				
PH (s.u.)	5.20	4.98	4.95	4.82				
Specific Conductivity (µS/cm)	58.0	55.7	51.0	52.0				
Water Temperature (°C)	22.0	21.2	20.9	21.0				
Turbidity (NTU)	24.67	467.85	1000+	1000+				
Dissolved Oxygen (mg/L)	2.58	3.40	3.65	3.71				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1654	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/~~13~~15/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-34	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 14.81
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.17		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.64	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)	1310	1314	1318	1322				
PH (s.u.)	5.48	5.48	5.05	4.98				
Specific Conductivity (µS/cm)	100.2	87.4	64.8	64.5				
Water Temperature (°C)	22.2	21.3	21.3	21.4				
Turbidity (NTU)	42.03	1000+	1000+	1000+				
Dissolved Oxygen (mg/L)	2.63	2.30	2.43	2.26				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1323	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ~~Not Accessible behind locked gate.~~ ID

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/~~13~~14/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-35	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 12.84
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.44		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.40	1 casing volume (CV=LWC*C)(gals): 1.25	3 casing volumes 3*CV)(gals): 3.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.25	2.50	3.75				
Time (military)	1328	1332	1336	1340				
PH (s.u.)	5.03	4.92	4.73	4.62				
Specific Conductivity (µS/cm)	52.4	51.6	59.7	61.1				
Water Temperature (°C)	21.5	21.1	20.9	21.1				
Turbidity (NTU)	36.24	921.47	1000+	1000+				
Dissolved Oxygen (mg/L)	2.89	2.71	3.56	3.45				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1341	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ~~Not accessible - behind locked gate.~~ ivo

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: TW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer X Pump
___MW ___IW ___RW X Other TW=telescoping well ___Private WSW ___Public WSW	Screened Interval (ft.): 36 to 41	Total Well Depth (TWD) (ft.): 39.97	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.91	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 33.06	1 casing volume (CV=LWC*C)(gals): 5.25	3 casing volumes 3*CV)(gals): 15.75	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	5.25	10.50	15.75				
Time (military)	~~7~~ 1731	1740						
PH (s.u.)	5.83	5.42						
Specific Conductivity (µS/cm)	98.5	76.4						
Water Temperature (°C)	23.0	23.8						
Turbidity (NTU)	1000+	50.49						
Dissolved Oxygen (mg/L)	2.36	2.60						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1741	Duplicate: Y or (N)	If yes, Duplicate Time

Notes: Dry @ 5.75 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: TW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer X Pump
___MW ___IW ___RW X Other TW=Telescoping well ___Private WSW ___Public WSW	Screened Interval (ft.): 33 to 38		Total Well Depth (TWD) (ft.): 36.30
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.19		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 30.11	1 casing volume (CV=LWC*C)(gals): 4.75	3 casing volumes 3*CV)(gals): 14.25	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	4.75	9.50	14.25				
Time (military)	~~1400~~ 1354	1403						
PH (s.u.)	6.10	6.07						
Specific Conductivity (µS/cm)	155.8	160.6						
Water Temperature (°C)	22.1	23.2						
Turbidity (NTU)	2.23	91.48						
Dissolved Oxygen (mg/L)	6.06	5.03						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1404	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 5.25 gal. - Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 10/12/2020	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / Conor Donnelly
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / Cloudy	Ambient Air Temp (°F): 55° to 85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI Pro DSS	↓	Y or N			
~~LaMotte~~ (Turbidity) YSI Pro DSS		0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: TW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer X Pump
___MW ___IW ___RW X Other TW=telescoping well ___Private WSW ___Public WSW	Screened Interval (ft.): 35 to 40	Total Well Depth (TWD) (ft.): 39.43	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.) 7.42	Free Product Thickness (ft) —	
Length of water column (LWC=TWD-DGW)(ft.): 32.01	1 casing volume (CV=LWC*C)(gals): 5.0	3 casing volumes 3*CV)(gals): 15.0	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	5.0	10.0	15.0				
Time (military)	1840	1849						
PH (s.u.)	5.80	5.43						
Specific Conductivity (µS/cm)	102.3	69.2						
Water Temperature (°C)	21.9	23.5						
Turbidity (NTU)	571.97	32.73						
Dissolved Oxygen (mg/L)	2.88	2.06						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1850	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 5.25 gal. Limited Volume.

Signature: Kyle Perry

APPENDIX C

Purge Water Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No: W-20|349-W-4

2. Page 1 of

3. Generator's Name and Mailing Address: LENOIR STORE
3240 HORATIO HAGOOD RD.
HORATIO, SC

4. Generator's Phone ( )

5. Transporter 1 Company Name | 6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

7. Transporter 2 Company Name: HEPACO Inc. | 8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone: 910-640-2607

9. Designated Facility Name and Site Address: HEPACO Inc
303 S. MARKET ST.
WILLIAMSTON, NC | 10. US EPA ID Number: NCR-000137876

E. State Facility's ID

F. Facility's Phone: 910-640-2607

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Reg Petroleum Contact Water		DM	21.75	GAL
b.				
c.				
d.				

G. Additonal Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Sam McKay | Signature | Date: Month 10 Day 29 Year 2020

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Kim Williams | Signature | Date: Month 10 Day 29 Year 20

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19

Printed/Typed Name: Scott Strickland | Signature | Date: Month 10 Day 29 Year 20

NON-HAZARDOUS WASTE

APPENDIX D

Contractor Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			X
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	X		
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?	X		
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?	X		
12	Has the primary soil type been described?	X		
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?			X
17	Has the method of well development been detailed?			X
18	Has justification been provided for the locations of the monitoring wells?			X
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?			X
20	Has the groundwater sampling methodology been detailed?	X		
21	Have the groundwater sampling dates and groundwater measurements been provided?	X		
22	Has the purging methodology been detailed?	X		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	X		
24	If free-product is present, has the thickness been provided?			X
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	X		
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	X		
40	Has the site potentiometric map been provided? (Figure 5)	X		
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	X		
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information

dhec
Healthy People. Healthy Communities.

DEC 0 9 2020

CARRIE B LENOIR
3240 HORATIO HAGOOD RD
HORATIO SC 29062-0156

Re: **Site Specific Work Plan For Additional Assessment**
Lenoir Store, 3240 Horatio Hagood Rd, Horatio
UST Permit #08825
Release reported June 29, 1993
Groundwater Monitoring Report received November 16, 2020
Sumter County

Dear Ms. Lenoir:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the groundwater above Risk-Based Screening Levels. To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina UST Control Regulations R.61-92, implementation of additional assessment is necessary.

The next appropriate scope of work is to find and/or replace monitoring wells no located that are needed for plume definition. repair wells as needed including replacement of bolts, conduct additional source area assessment to define the smear zone and area of residual saturation, to assess site lithology, and to determine the vertical extent of the plume given the downward heads. Specific recommendations are as follows:

- Refine and update the site conceptual model to guide the additional assessment from data gleaned to date.
- Additional screening may be helpful in delineating the plume and locating monitoring wells in the interval below the surficial confining zones.
- Delineate the source area horizontally and vertically for areas of residual saturation above solubility limits and for any individual compound greater than 1 mg/l. Additional continuous core samples with measurement of PID or a similar devise taking readings every foot above and below the water table to a depth of 20 or 25 feet in the source area may be helpful to delineate the relative extent of residual saturation including in the vadose zone. A geophysical survey may be warranted.
- Install deep monitoring wells below the surficial lower permeability zone at a depth of about 25 - 35 feet in the deeper coarse sand pebble units.
- Consider the installation of continuous core lithology borings around the periphery of the plume at a minimum of three locations to evaluate the potential migration pathways of the plume given nearby water supply wells and the apparent depositional environment of the aquifer to at least a 50 foot depth.

- On at least one boring please collect numerous sieve analyses to confirm lithologic descriptions at least at each significant lithologic change. PID or OVA readings at least every foot throughout the lithologic column is advised in potential side or downgradient direction from the source area.
- Evaluate the efficacy of no purge samples providing accurate data in and outside of the source area. Multiple samples collected using different methods maybe appropriate on a small set of wells. This method appears to be ineffective if the plume is diving or if the screened interval does not bracket source area impacted soil.
- Consider that as the plume moves out of the source area, deeper screened intervals are appropriate given hydraulic heads and lithology. Deeper screens in the water table unit maybe advised if the bottom of the existing screens are not on top of the lower permeability unit.
- Please evaluate the need for additional slug tests when purging wells. Please target those wells that recharge more quickly for additional tests as needed. Additional slug tests of existing and newly installed deep wells maybe appropriate.
- Consider zones of higher permeability as the primary dissolved migration pathway including thin permeable sand zones. Consider the rate of filling of purge wells as an indicator of relative permeability in wells.
- The installation of additional recovery wells in the area of residual saturation may be appropriate.

The assessment must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the UST QAPP is available atscdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

Your contractor must submit the Site Specific Work Plan and Cost Proposal within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence regarding this site, please reference UST Permit # 08825. If there are any questions concerning this project, please contact me at (803) 898-0601 or by email at knightbt@dhec.sc.gov.

Sincerely,

Tom Knight, P.G., Hydrogeologist
Assessment & Non-Permitted Petroleum Section
UST Management Division
Bureau of Land and Waste Management

cc: Geological Resources Inc., 3502 Hayes Road, Monroe, NC 28110
Technical File

Geological Resources, Inc.

UST Tom JAN 28 2021 DIVISION

UST DOCKETING 101T

January 26, 2021

Mr. Tom Knight
South Carolina Department of Health
And Environmental Control
Underground Storage Tank Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Re: GRI Proposal No. 20-024
Site Specific Work Plan
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
UST Permit No. 08825
GRI Project No. 2001

Dear Mr. Knight:

Attached is a Site Specific Work Plan for approved ACQAP and the associated Assessment Component Cost Agreement for the above referenced site in Horatio, Sumter County, South Carolina. A receptor survey will be conducted since the previous survey was completed during Tier I activities in 2003, and at that time municipal water was available to some properties in the area. Additional soil and ground water assessment is proposed.

Please contact me at (704) 845-4010 or by e-mail at wsb@geologicalresourcesinc.com if you have questions or comments concerning this matter.

Sincerely,

W. Scott Ball

W. Scott Ball
Senior Project Manager

JOHN M. BROWN REGISTERED No. 1116 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License #1116

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Tom Knight (SCDHEC Project Manager)
From: Scott Ball (Contractor Project Manager)
Contractor: Geological Resources, Inc. UST Contractor Certification Number: 74

Facility Name: Lenoir Store UST Permit #: 08825
Facility Address: 3240 Horatio Hagood Road, Horatio, Sumter County, SC
Responsible Party: Carrie Lenoir c/o Steve Lenoir Phone: (843) 499-4023
RP Address: 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina, 29062-0156
Property Owner (if different): NA
Property Owner Address:
Current Use of Property: Commercial - Country Store and US Post Office

Scope of Work (Please check all that apply)

- ☐ IGWA
- ☐ Tier I
- ☐ Tier II
- ☑ Monitoring Well Installation
- ☑ Groundwater Sampling
- ☑ Other Soil Assessment
- ☐ GAC

Analyses (Please check all that apply)

Groundwater/Surface Water:

- ☑ BTEXNMDCA (8260D)
- ☑ Oxygenates (8260D)
- ☑ EDB (8011)
- ☐ PAH (8270E)
- ☐ Lead
- ☐ 8 RCRA Metals
- ☐ TPH
- ☐ pH
- ☐ BOD
- ☐ Nitrate
- ☐ Sulfate
- ☐ Other
- ☐ Methane
- ☐ Ethanol
- ☐ Dissolved Iron

Drinking Water Supply Wells:

- ☑ BTEXNMDCA (524.2)
- ☑ Oxygenates & Ethanol (8260D)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☑ EDB (504.1)

Soil:

- ☐ BTEXNM
- ☐ Lead
- ☐ RCRA Metals
- ☐ PAH
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☑ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

6	Soil	3	Water Supply Wells		Air	4	Field Blank
47	Monitoring Wells		Surface Water	3	Duplicate	2	Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: 10 Estimated Footage: 30 feet per point
# of deep points proposed: Estimated Footage: feet per point
Field Screening Methodology: Install 10 soil borings (soil profile) in the area of the former UST basin and dispenser island. Screen soils at 1' intervals with PID.

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: 4 Estimated Footage: 25 feet per point
# of deep wells: Estimated Footage: feet per point
# of recovery wells: 3 Estimated Footage: 15 feet per point
Comments, if warranted: Deep Type III monitoring wells installed in the general vicinity of existing monitoring wells MW-20, MW-24, MW-27 and MW-25. Each to 25' completed with 5' screen. Soils will be screened at 1' intervals with PID during the installation of the wells.Wells to be ID'd as MW-36 through MW-39. Install 4" recovery wells in the areas of MW-20, MW-24 & MW-27.

UST Permit #: 08825 Facility Name: Lenoir Store

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 20 days from approval of SSWP Field Work Completion: 25 days from approval of SSWP

Report Submittal: 60 days from approval of SSWP # of Copies Provided to Property Owners: 3

Aquifer Characterization

Pump Test: ☐ Slug Test: ☑ (Check one and provide explanation below for choice)

Conduct slug tests on 2 of the 4 newly installed Type III monitoring wells

Investigation Derived Waste Disposal

Soil: 4 Tons Purge Water: 400 Gallons

Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.

Sample monitoring wells MW-1 through MW-39, TW-1 to TW-3, RW-1 to RW-5 and water supply wells WSW-2, WSW-7 & WSW-8. All ground water samples collected from monitoring wells will be submitted for analyses of BTEX, MTBE, naphthalene, 1,2-DCA and 8 oxygenates by Method 8260 and EDB by Method 8011. Only the newly installed monitoring wells and monitoring wells with buried screens will be purged prior to sample collection. Water supply well samples will be submitted for 524.2, 8260 and 504.1 analyses. Two monitoring well and one water supply samples will be duplicated. The appropriate trip blanks and field blanks will be collected/submitted. Grain size samples will be collected from the screened interval of each newly installed Type III well. A receptor survey will be conducted. Grain size samples will be collected and slug tests conducted in new (2) and existing (2) wells.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____

SCDHEC Certification Number: _____

Name of Laboratory Director: _____

Yes Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

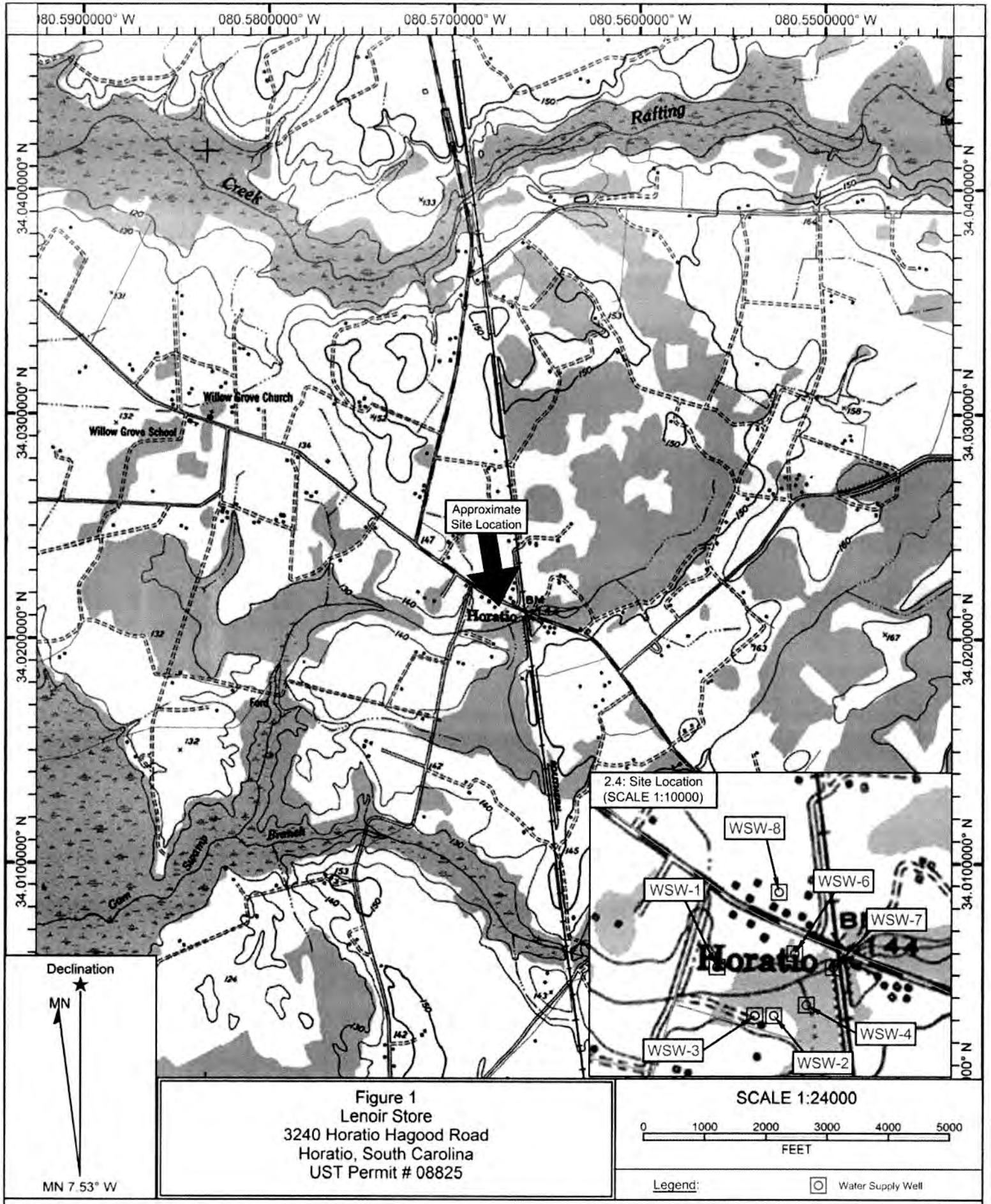
Name of Well Driller: _____

SCLLR Certification Number: _____

No Other variations from ACQAP. Please describe below.

Attachments

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
   - North Arrow
   - Location of property lines
   - Location of buildings
   - Previous soil sampling locations
   - Previous monitoring well locations
   - Proposed soil boring locations
   - Proposed monitoring well locations
   - Legend with facility name and address, UST permit number, and bar scale
   - Streets or highways (indicate names and numbers)
   - Location of all present and former ASTs and USTs
   - Location of all potential receptors
3. Assessment Component Cost Agreement, SCDHEC Form D-3664



Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

Location 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.

LEGEND

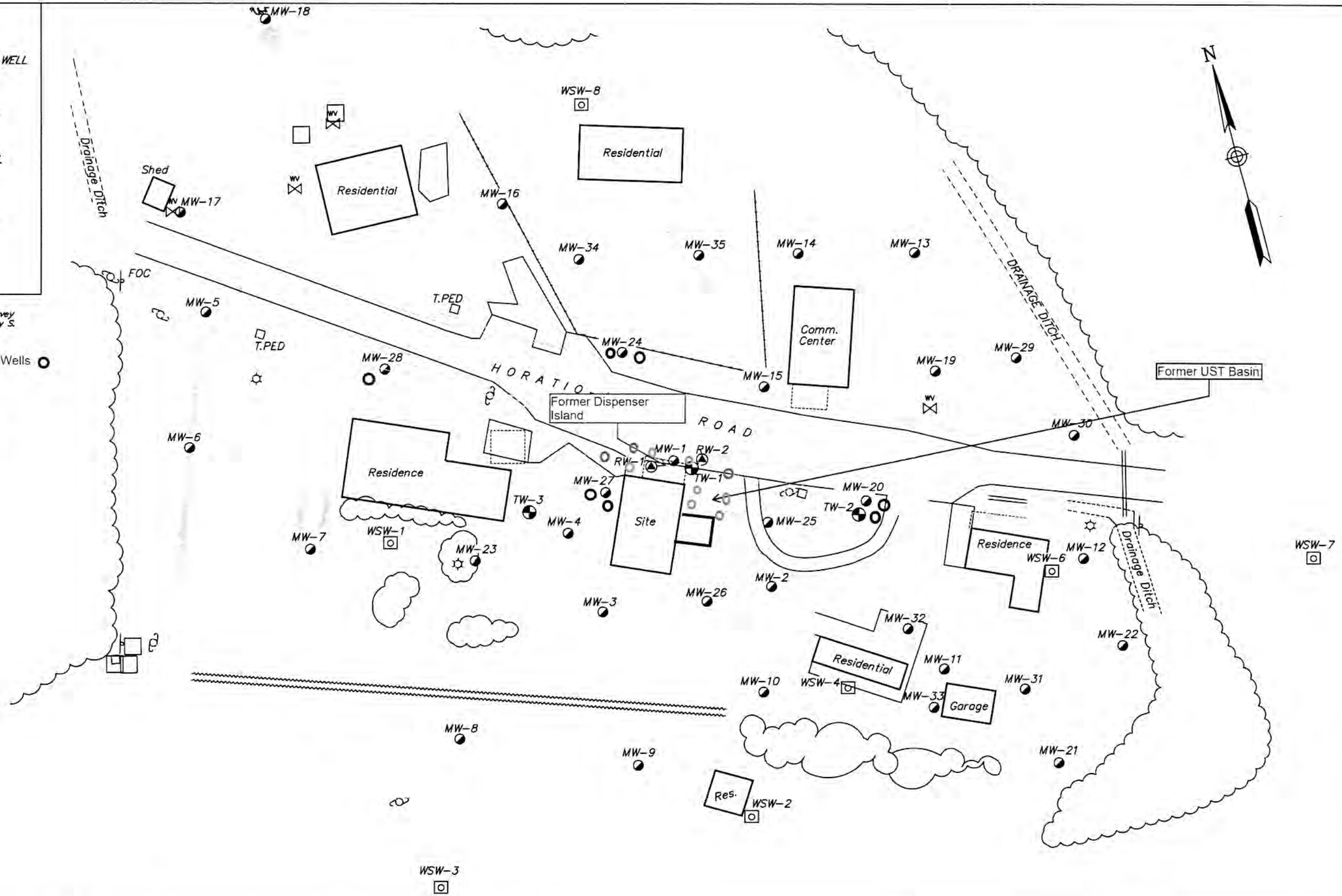
- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Jay S. Joshi of Columbia, SC.

Proposed Deep Type III Monitoring Wells

Proposed Soil Borings

Proposed Recovery Wells



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

SITE MAP

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	10/19/15	Drawn by:	ECH	Figure:	2

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WV WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

52.9	BENZENE
641	TOLUENE
535	ETHYLBENZENE
711	NAPHTHALENE
<7.5	1,2-DCA
0.049	EDB

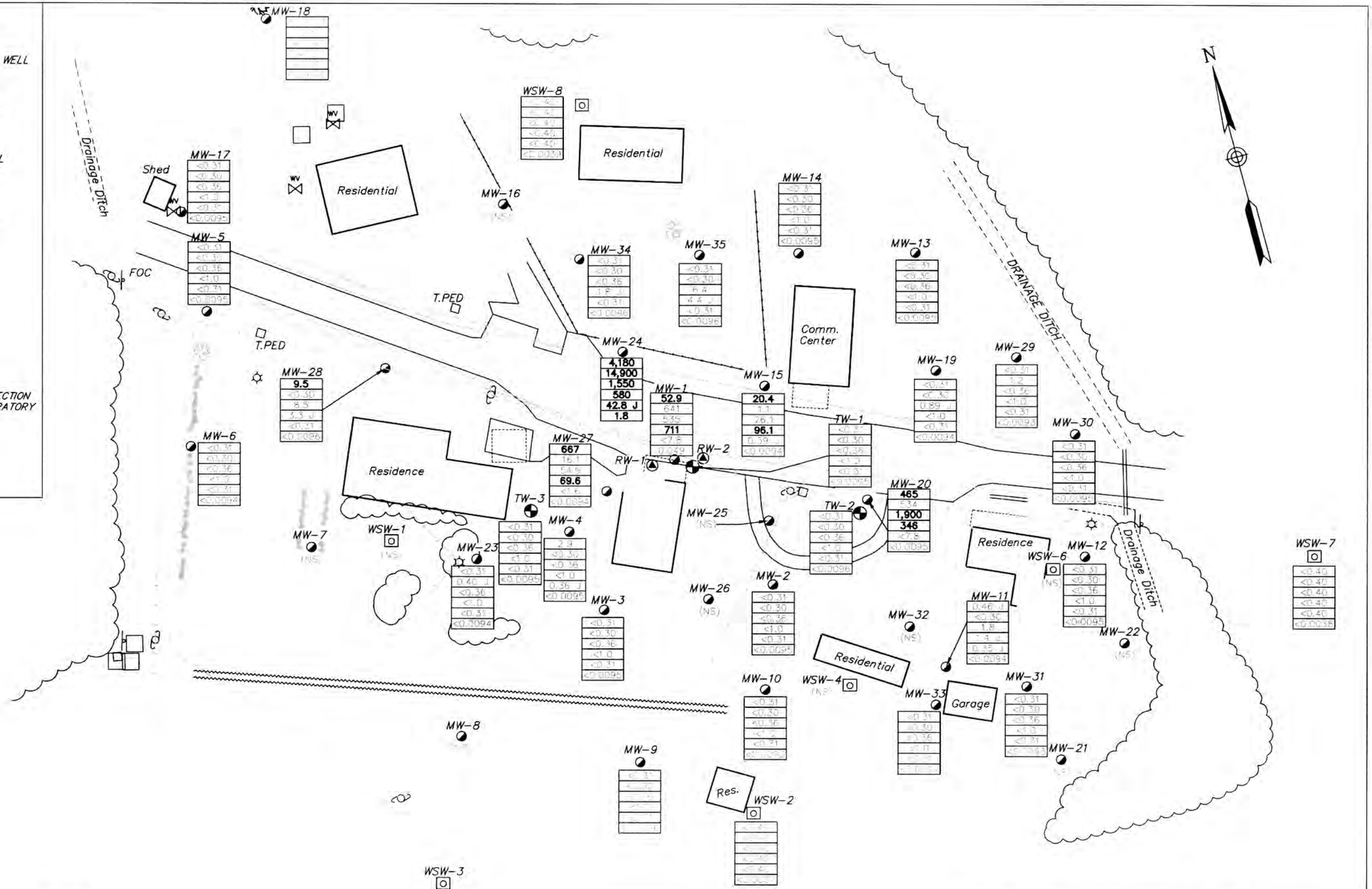
CONCENTRATIONS IN µg/L

<20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

(NS) NOT SAMPLED

(NF) NOT FOUND



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

GROUND WATER QUALITY MAP (10/12/20) & (10/13/20)

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, Sumter County, SC

Date:	11/08/2020	Drawn by:	DTH	Figure:	4

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ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: Lenoir Store

UST Permit #: 08825 **Cost Agreement #:** _____ GRI Proposal 20-024

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. **Plan Preparation**					
1. Site-specific Work Plan	1	each	$160.05		$160.05
2. Tax Map		each	$74.69		$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
B. **Receptor Survey ***	1	each	$587.92		$587.92
C. **Survey (500 ft x 500 ft)**					
1. Comprehensive Survey Subsurface Geophysical Survey		each	$1,109.68		$0.00
2. < 10 meters below grade		each	$1,387.10		$0.00
3. > 10 meters below grade		each	$2,464.77		$0.00
4. Geophysical UST or Drum Survey		each	$970.97		$0.00
D. **Mob/Demob**					
1. Equipment	1	each	$1,088.34		$1,088.34
2. Personnel	4	each	$451.34		$1,805.36
3. Adverse Terrain Vehicle		each	$533.50		$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34		$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***					
1. Standard	300	per foot	$16.01		$4,803.00
2. Fractured Rock		per foot	$21.55		$0.00
G. **Soil Leachability Model**		each	$64.02		$0.00
H. **Abandonment (per foot)***					
1. 2" diameter or less	300	per foot	$3.31		$993.00
2. Greater than 2" to 6" diameter		per foot	$4.80		$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00		$0.00
I. **Well Installation (per foot)***					
1. Water Table (hand augered)		per foot	$11.31		$0.00
2. Water Table (drill rig) 2" Diameter	100	per foot	$40.55		$4,055.00
3. Telescoping		per foot	$53.35		$0.00
4. Rock Drilling		per foot	$61.89		$0.00
5. 2" Rock Coring		per foot	$32.97		$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64		$0.00
7. Recovery Well (4" diameter)	45	per foot	$48.02		$2,160.90
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01		$0.00
9. Rotosonic (2" diameter)		per foot	$46.95		$0.00
10. Re-develop Existing Well		per foot	$11.74		$0.00

J. **Groundwater Sample Collection / Gauge Depth to Water or Product ***					
1. Groundwater Purge	6	per well	$64.02		$384.12
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate	4	sample	$23.47		$93.88
4. Groundwater No Purge or Duplicate or Grab	43	sample	$29.88		$1,284.84
5. Gauge Well only		sample	$7.47		$0.00
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank	4	sample	$26.25		$105.00
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank		sample	$26.25		$0.00
K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	53	per sample	$130.17		$6,899.01
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011	52	per sample	$48.23		$2,507.96
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)	6	per sample	$132.36		$794.16
15. 7-OXYGENATES & ETHANOL (8260B)	6	per sample	$97.90		$587.40
16. EDB (504.1)	5	per sample	$84.83		$424.15
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. **Analyses-Soil**					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer	6	per sample	$110.97		$665.82
24. Total Organic Carbon		per sample	$32.65		$0.00
K. **Analyses-Air**					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. **Analyses-Free Phase Product**					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. **Aquifer Characterization***					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test	4	per test	$203.80		$815.20
3. Fractured Rock		per test	$106.70		$0.00

M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***	1	each	$260.00		$260.00
Q. **Disposal (gallons or tons)***					
1. Wastewater	400	gallon	$0.60		$240.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal	4	ton	$64.02		$256.08
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00

X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00
6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*		each	$53.35		$0.00
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*		each	$125.91		$0.00
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock		each	$16.00		$0.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*		each	$160.05		$0.00
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$30,971.19		$3,716.54
TOTAL					$34,687.73

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary

dhec
Healthy People. Healthy Communities.

MAR 05 2021

CARRIE B LENOIR
3240 HORATIO HAGOOD RD
HORATIO SC 29062-0156

Re: Notice to Proceed with Additional Assessment
Lenoir Store, 3240 Horatio Hagood Rd, Horatio
UST Permit #08825, CA # 62851, UMW# 28334
Release reported June 29, 1993
Site Specific Work Plan (SSWP) received January 28, 2021
Sumter County

Dear Ms. Lenoir:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site-Specific Work Plan (SSWP) submitted by your contractor. All work should be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's approved SSWP and Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the current revision of the UST QAPP is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/

The assessment should begin immediately upon receipt of this letter. A monitoring well approval has been enclosed for the monitoring well installation. The above referenced cost agreement number has been approved for the amount shown on the enclosed cost agreement form.

Please note the following changes to the cost agreement and SSWP:

- Please contact the Department project manager for concurrence on location and depths prior to on Monitoring and Recovery wells installation.
- Please provide boring results the project manager prior to well installations
- Please adjust the monitoring wells screens as need to bracket the greater permeability as can be determined in the field.
- Items D.2, J.1, K.1 and K.7 - Please sample wells MW-1, MW-4, MW-15,MW-20, MW-24 and MW-27 with a no purge sampling method and then with a purge sampling method to compare results.

The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

The Assessment Report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the UST Division within ninety (90) days of the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the UST QAPP. Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the UST Division is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the UST Division for the cost to be paid. The UST Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the UST Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work. Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a UST Certified Site Rehabilitation Contractor as required by R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis are below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit # 08825. If there are any questions concerning this project, please contact me at (803) 898-0601 or by email at knightbt@dhec.sc.gov.

Sincerely,

Tom Knight, P.G., Hydrogeologist
Assessment & Non-Permitted Petroleum Section
UST Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement
Monitoring Well Approval

cc: Geological Resources Inc., 3502 Hayes Road, Monroe, NC 28110 (w/enc)
Technical File (w/enc)

dhec
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Monitoring Well Approval Form

Approval is hereby granted to: Geological Resources, Inc.
(on behalf of): Lenoir Carrie Baker
Facility: Lenoir Store, 3240 Horatio Hagood Rd, Horatio SC
UST Permit Number: 08825
County: Sumter

This approval is for the installation of Ten (10) soil borings and four (4) shallow monitoring wells and three (3) recovery wells; and additional wells as needed and pre-approved by the Department to complete the scope of the assessment. The monitoring wells are to be installed in the approved location. The monitoring wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. A Water Well Record Form or other form provided or approved by DHEC shall be completed and submitted to DHEC within 30 days after well completion or abandonment unless another schedule has been approved by DHEC. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
4. All analytical data and water levels obtained from each monitoring well shall be submitted to DHEC within 30 days of receipt of laboratory results unless another schedule has been approved by DHEC as required by R.61-71.H.1.d.
5. If any of the information provided to DHEC changes, notification to Tom Knight (tel: (803) 898-0601 or e-mail: knightbt@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. DHEC approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated May 27, 2016. A copy of this approval should be on the site during well installation.

Date of Issuance: February 18,2021 **Approval #: UMW-28334**

Tom Knight, P.G., Hydrogeologist
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Approved Cost Agreement 62851

Facility: 08825 LENOIR STORE
KNIGHTBT
PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
A PLAN PREPARATION					
		1 SITE SPECIFIC WORK PLAN	1.0000	$160.050	160.05
B RECEPTOR SURVEY					
		B RECEPTOR SURVEY	1.0000	$587.920	587.92
D MOB/DEMOB					
		1 EQUIPMENT	1.0000	$1,088.340	1,088.34
		2 PERSONNEL	6.0000	$451.340	2,708.04
F SOIL BORINGS (DRILLED)					
		1 SOIL BORING/FLD SCR. STANDARD	300.0000	$16.010	4,803.00
H ABANDONMENT					
		1 ABANDONMENT 2" DIA OR LESS	300.0000	$3.310	993.00
I WELL INSTALLATION					
		2 WATER TABLE DRILL RIG 2" DIA	100.0000	$40.550	4,055.00
		7 RECOVERY WELL (4" DIAMETER)	45.0000	$48.020	2,160.90
J SAMPLE COLLECTION					
		1 GROUND WATER PURGE	12.0000	$64.020	768.24
		3 WATER SUPPLY SAMPLE/ DUPLICATE	4.0000	$23.470	93.88
		4 GROUNDWATER NO-PURGE/DUPL/GRAB	43.0000	$29.880	1,284.84
		8 FIELD BLANK	4.0000	$26.250	105.00
K ANALYSES					
	DW DRINKING WATER	14 BTEXNM+1,2 DCA (524.2) WSW	6.0000	$132.360	794.16
		15 OXYGENATES & ETHANOL 8260B WSW	6.0000	$97.900	587.40
		16 EDB (504.1) WSW	5.0000	$84.830	424.15
	GW GROUNDWATER	1 BTEXNM+OXYGS+1,2-DCA+ETH-8260B	59.0000	$130.170	7,680.03
		7 EDB BY EPA 8011	58.0000	$48.230	2,797.34
	SOIL SOIL	23 GRAIN SIZE HYDROMETER	6.0000	$110.970	665.82
L AQUIFER CHARACTERIZATION					
		2 SLUG TEST	4.0000	$203.800	815.20
P SUBSEQUENT SURVEY					
		P SUBSEQUENT SURVEY	1.0000	$260.000	260.00
Q DISPOSAL					
		1 WASTEWATER	400.0000	$0.600	240.00
		3 SOIL TREATMENT DISPOSAL	4.0000	$64.020	256.08
S REPORT PROJECT MANAGEMENT					
		S REPORT PREP & PROJ. MANAGEMENT	0.1200	$33,328.390	3,999.41
				Total Amount	37,327.80

Geological Resources, Inc.

UST
1037
DOCKETING

UST
AUG 04 2021
PROGRAM

August 2, 2021

Mr. Tom Knight
SCDHEC
UST Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, SC 29201

Re: Soil and Ground Water Assessment Report
May 2021
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
South Carolina
UST Permit Number: 08825
GRI Project No: 2001

Dear Mr. Knight,

Please find enclosed the referenced report for the above mentioned site.

If you have any questions, please do not hesitate to contact Scott Ball at (704) 845-4010.

Sincerely,
Geological Resources, Inc.

Leslie Maxtone-Graham
Administrative Assistant

Enclosure

cc: Ms. Carrie Lenoir c/o Mr. Steve Lenoir, file

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

Geological Resources, Inc.

Soil and Ground Water Assessment Report
May 2021
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
South Carolina
UST Permit Number: 08825
GRI Project Number: 2001

Prepared for:

Ms. Carrie Lenoir
c/o Mr. Steve Lenoir
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina 29062

July 30, 2021

JOHN M. BROWN REGISTERED No. 1116 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License No. 1116

W. Scott Ball
Project Manager

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012
Class 1 UST Site Rehabilitation Contractor #74

ACRONYMS

ACM: Asbestos Containing Materials

AFVR: Aggressive Fluid-Vapor Recovery

AS: Air Sparging

AST: Aboveground Storage Tank

ASTM: American Society for Testing and Materials

BGS: Below Ground Surface

BLWM: Bureau of Land and Waste Management

CA: Cost Agreement

CAP: Corrective Action Plan

CFR: Code of Federal Regulations

COC: Chain of Custody

CoC: Chemical of Concern

DPE: Dual Phase Extraction

DRO: Total Petroleum Hydrocarbons Diesel Range Organics

EPA: Environmental Protection Agency

ER: Engineering Report

ESA: Environmental Site Assessment

GAC: Granular Activated Carbon

GC: Gas Chromatograph

GRI: Geological Resources, Inc.

GRO: Total Petroleum Hydrocarbons Gasoline Range Organics

IGWA: Initial Ground Water Assessment

MCL: Maximum Contaminant Level

MDL: Method Detection Limit

MNA: Monitored Natural Attenuation

NAPL: Non-Aqueous Phase Liquid, "Free Product"

NPDES: National Pollutant Discharge Elimination System

OVA: Organic Vapor Analyzer

PAHs: Polynuclear Aromatic Hydrocarbons

PWR: Partially Weathered Rock

QA: Quality Assurance

QAPP: Quality Assurance Project Plan

QC: Quality Control

QMP: Quality Management Plan

RBSL: Risk-Based Screening Level

SCDHEC: South Carolina Department of Health and Environmental Control

SCDOT: South Carolina Department of Transportation

SOP: Standard Operating Procedure

SPCC: Spill Prevention Control and Countermeasures

SSTL: Site Specific Target Level

SSWP: Site Specific Work Plan

SVE: Soil Vapor Extraction

SVOCs: Semi-Volatile Organic Compounds

SWPPP: Stormwater Pollution Prevention Plan

TCLP: Toxicity Characteristic Leaching Procedure (EPA Method SW-846 1311)

TOC: Top of Casing

TPH: Total Petroleum Hydrocarbons

USGS: United States Geological Survey

UST: Underground Storage Tank

UVF: Ultraviolet Fluorescence

VOCs: Volatile Organic Compounds

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APPENDICES

Appendix A: Sumter County Tax Information– Adjoining/Adjacent Property Owners

Appendix B: Subsurface Logs/Abandonment Records – Soil Borings

Appendix C: Site Specific Work Plan

Appendix D: Well Construction Records/Subsurface Logs

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Appendix H: Laboratory Analytical Report - Ground Water Samples

Appendix I: Field Data Information Sheets

Appendix J: Contractor Checklist

1. SITE HISTORY AND CHARACTERIZATION

1.1 Project Background

This report presents the results of soil and ground water assessment activities conducted in March and May 2021 at the Lenoir Store site (UST Permit #08825) in in Horatio, Sumter County, South Carolina. The activities were conducted by GRI in accordance with the scope of work directed in the March 5, 2021 correspondence from the SCDHEC. The CA number assigned to the proposal for completion of the assessment activities is 62851. The purpose of the activities was to obtain additional subsurface information and current ground water quality data for the site.

The site is located at 3240 Horatio Hagood Road in Horatio, Sumter County, South Carolina (**Figure 1**). The site currently contains an abandoned post office and general store. The area surrounding the site consists of residential properties.

A release from the UST system was reported to the SCDHEC on June 29, 1993. One 2,000-gallon gasoline UST was removed from the site on June 4, 1993. One 3,000-gallon gasoline UST was closed in place on June 16, 1999. A Tier I Assessment was completed at the site in October 2003. A Tier II Assessment was completed at the site in April 2008. A total of thirty-five Type III monitoring wells (MW-1 through MW-35), three telescoping wells (TW-1 through TW-3) and two recovery wells (RW-1 and RW-2) have been installed during previous assessment activities conducted at the site. In addition, several AFVR and ground water sampling events have been conducted at the site since completion of the Tier II assessment.

Eight water supply wells (WSW-1 though WSW-8) were identified within 1,000 feet of the source area during a receptor survey conducted in April 2008 as part of the Tier II assessment. Municipal water is available to all properties in the area. The last comprehensive ground water sampling event conducted at the site occurred in October 2020. Contaminants of concern (COCs) above their respective risk-based screening levels (RBSLs) have been reported in several monitoring wells at the site. This report summarizes the March and May 2021 soil and ground water assessment activities.

1.2 Regional Geology/Hydrogeology

The site is located in Sumter County in the Piedmont Physiographic Province of South Carolina. The Coastal Plain is part of an extensive geologic province that roughly parallels the Atlantic Ocean and continues northward and southward through the neighboring states. In South Carolina, the Coastal Plain is expressed physiographically in three regional belts: the Upper Coastal Plain, the Middle Coastal Plain and the Lower Coastal Plain. The surface deposits in the Coastal Plain are generally characterized by a recurrent sequence of clean fine to medium sand, muddy fine sand, and clean to muddy medium to coarse sand or gravelly sand. These textures represent changes in depositional environments from beach to backbarrier to river, respectively.

The major aquifer systems in the Middle and Lower Coastal Plain are the Middendorf Aquifer System, Black Creek Aquifer System, the Tertiary Aquifer System and the Surficial Aquifer System. The Surficial Aquifer System consists mostly of beds of unconsolidated sand, shelly sand and shell. In places, clay beds are sufficiently thick and continuous to divide the system into two or three aquifers. However, the system is mostly undivided. Complex interbedding of fine- and coarse-grained sediments is typical of the system.

The thickness of the Surficial Aquifer System is typically less than 50 feet but thickens coastward. The sediments that comprise the Surficial Aquifer System range from late Miocene to Holocene in age.

1.3 Receptor Survey

A receptor survey was conducted on May 19, 2021 as part of the assessment activities. Eight water supply wells (WSW-1 through WSW-4 and WSW-6 through WSW-9) were identified within a 1,000-foot radius of the subject site/source area. Water supply wells WSW-2 and WSW-7 are currently in service and used as a potable water source. Water supply wells WSW-1, WSW-3, WSW-4, WSW-6 and WSW-9 are currently out-of-service. Water supply well WSW-8 is located behind a locked privacy fence and the property owner was not present to allow access to that well during the assessment activities. The use of WSW-8 is unknown. The owner of water supply well WSW-9 indicated that he would put the well back in service as an irrigation well once a new pump has been installed in the well. GRI confirmed that public water is connected to and used by the properties where WSW-1 and WSW-9 are located. Municipal water is available to the subject site and all immediately surrounding properties. An unnamed tributary of Cam Swamp Branch is located approximately 500 feet southeast of the site. Based on the depth to shallow ground water at the site, no subsurface utilities are believed to intersect the water table. The land use in the immediate area of the site is residential. A Site Vicinity Map showing the locations of the water supply wells has been included as **Figure 2**. Summaries of water supply well owner information and adjoining/adjacent property owner information are outlined in **Table 1** and **Table 2**, respectively. Sumter County tax information for each of the adjoining/adjacent properties as well as the properties where water supply wells are located has been included as **Appendix A**.

2. SITE INFORMATION

- **Site Identification**
  - Site Name: Lenoir Store
  - Location of Source Area: 3240 Horatio Hagood Road
Horatio, SC 29062
Sumter County
34.0216209°N, 80.5678072°W (Topographical Map)
  - UST Permit Number: 08825
  - Land Use: Residential/Commercial

- **Information about Contacts Associated with the Leaking UST System**

UST/AST Owner
Carrie Lenoir
3240 Horatio Hagood Road
Horatio, SC 29062
(803) 499-4023

Property Owner
Steve D Lenoir
3240 Horatio Hagood Road
Horatio, SC 29062
(803) 499-4023

Drilling Contractor
Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110
704-845-4010
Samuel Bowers - Cert. No. 1737-B

UST/AST Operator
Carrie Lenoir
3240 Horatio Hagood Road
Horatio, SC 29062
(803) 499-4023

Site Rehabilitation Contractor
Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110
704-845-4010
Class 1, Certification Number 74

Analytical Laboratory
SGS North America, Inc.
4405 Vineland Road, Suite C-15
Orlando, FL 32811
State Certification No. 96038001

(407) 425-6700

- **Information about Release**
  - Release was discovered June 29, 1993
  - An unknown amount of product was released from a leaking UST system
  - One 2,000-gallon gasoline UST removed in 1993; one 3,000-gallon gasoline UST closed in place in 2003

3. ASSESSMENT INFORMATION

3.1 Assessment Activities

Prior to installation of Type III monitoring wells at the site, GRI installed fourteen soil borings at the site between March 29 and March 30, 2021. The soil borings were installed around the former UST basin and in the areas where monitoring wells MW-20, MW-24, MW-27 and MW-28 are located. Each soil boring was installed to a proposed total depth of 25 feet. Soil samples were collected at 1-foot intervals using a macro-core sampler. Macro-core refusal/splitting was encountered in several borings. Each sample was screened with a PID for the presence of VOCs. A Site Map has been included as **Figure 3**. The locations of the soil borings are shown on **Figure 4**. Copies of the soil boring logs and boring abandonment records have been included as **Appendix B**. All field screening activities were conducted in accordance with the SSWP that was approved for this project by the SCDHEC. A copy of the SSWP has been included as **Appendix C**.

Based on the review of the soil screening results by GRI and the SCDHEC incident manager, five additional Type III monitoring wells (MW-36I through MW-40I) were proposed to be installed at the site. The proposed locations of the wells were approved by the SCDHEC prior to installation activities. Type III monitoring wells MW-36I through MW-39I were installed at the site on May 17, 2021. MW-36I was installed next to monitoring wells MW-20 and TW-2. MW-37I was installed between monitoring wells MW-3 and MW-26. Monitoring well MW-38I was installed next to MW-27, and monitoring well MW-39I was installed next to MW-28. Monitoring well MW-40I was proposed to be installed next to monitoring well MW-24. However, a truck transport trailer was parked over the location between May 17 and May 19, 2021 during the assessment activities. The owner of the trailer is also the owner of the property where water supply well WSW-8 is located and was not present during the assessment activities to move the trailer. Therefore, MW-40I was not installed. Each new Type III monitoring well was installed using augers to a total depth of 20 feet and completed with a 5-foot screen interval. Each well was developed by small submersible pump and bailing subsequent to installation. In addition, the top-of-casing elevations for all new monitoring wells were surveyed subsequent to well installation activities. The locations of the existing and new monitoring wells and recovery wells are shown on **Figure 3**. Construction records and subsurface logs for monitoring wells installed at the site during the May 2021 assessment activities have been included as **Appendix D**. Soil cuttings and development/purge water generated during the March and May 2021 assessment activities were placed in 55-gallon drums and transported to a licensed facility for disposal. The disposal manifest has been included as **Appendix E**. All well installation and ground

water sampling activities were conducted in accordance with the SSWP that was approved for this project by the SCDHEC.

3.2 Site Geology/Hydrogeology

Based on information obtained during the site assessment activities, the material encountered during subsurface exploration generally consisted of silt and clay to depths of approximately 13 feet, then medium to coarse sand with gravel to approximately 20 to 25 feet. In some locations (soil borings 2 – 8 and 14), fine flowing sand was encountered around 20 feet BGS. Soil samples were collected from each of the MW-36I through MW-39I borings at a depth of 15-20 feet for grain size analyses. The percentages of gravel, sand, silt and clay in the sample collected from the MW-36I boring were 0.00%, 77.70%, 7.30% and 15.00%, respectively; in boring MW-37I percentages were 0.00%, 76.60%, 11.40% and 12.00%, respectively; in boring MW-38I percentages were 9.70%, 70.60%, 9.70% and 10.00%, respectively; and in boring MW-39I, percentages were 1.30%, 77.10%, 8.60% and 13.00%, respectively. The grain size laboratory analytical results are provided as **Appendix F**.

Twenty-nine Type III monitoring wells (MW-1 through MW-6, MW-9 through MW-15, MW-17 through MW-20, MW-23, MW-24, MW-27 through MW-31, MW-33, and MW-36I through MW-39I), three telescoping monitoring wells (TW-1 through TW-3), and two recovery wells (RW-1 and RW-2) were gauged, purged and sampled between May 18 and May 19, 2021. Monitoring wells MW-7, MW-8, MW-16, MW-21, MW-22, MW-25, MW-26 and MW-32 could not be located. Monitoring wells MW-34 and MW-35 were located behind a secured privacy fence and could not be accessed during the May 2021 sampling event. All monitoring wells were gauged with a water level indicator accurate to 0.01 feet. All monitoring wells sampled were purged using dedicated polyethylene bailers prior to sampling. No free product was measured in the monitoring wells. Samples collected during this event were submitted to the laboratory for analyses.

The depths to ground water in the Type III monitoring wells at the site, measured on May 18, 2021, ranged from 3.12 feet to 7.31 feet below the top of casings. Depths to ground water in the telescoping wells ranged from 5.44 to 7.33 feet. Ground water elevations in the Type III monitoring wells relative to an assumed benchmark of 100 feet ranged from 93.47 to 94.88 feet. Based on this data, the general direction of ground water flow was toward the west. The horizontal hydraulic gradient across the site was less than 0.01 feet/foot. The vertical hydraulic gradients calculated for paired wells MW-1/TW-1 and MW-20/TW-2 were approximately 0.008 feet/foot downward and 0.02 feet/foot upward, respectively. A Water Table Surface Map based on the May 18, 2021 data for the Type III monitoring wells has been included as **Figure 5**. A summary of ground water elevation data is presented in **Table 3**. A summary of the May 18, 2021 gauging data is shown below:

Well No.	Top of Casing Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)

MW-1	100.27	6.55	93.72	14.5	4.5-14.5
MW-2	100.00	6.16	93.84	15	5-15
MW-3	100.41	5.53	94.88	14	4-14
MW-4	100.76	7.09	93.67	12	2-12
MW-5	99.16	5.69	93.47	12	2-12
MW-6	98.32	4.83	93.49	12	2-12
MW-9	99.09	5.39	93.70	12	2-12
MW-10	99.16	5.37	93.79	12	2-12
MW-11	98.23	4.45	93.78	12	2-12
MW-12	97.88	3.97	93.91	13	3-13
MW-13	98.27	4.36	93.91	12	2-12
MW-14	97.29	3.43	93.86	12	2-12
MW-15	99.64	4.84	94.80	13	3-13
MW-17	99.09	5.62	93.47	13	3-13
MW-18	99.71	5.99	93.72	13	3-13
MW-19	98.52	4.67	93.85	14	4-14
MW-20	99.65	5.86	93.79	14	4-14
MW-23	100.47	6.87	93.60	14	4-14
MW-24	99.69	5.93	93.76	14	4-14
MW-27	100.74	7.06	93.68	15	5-15
MW-28	100.92	7.31	93.61	15	5-15
MW-29	96.98	3.12	93.86	14	4-14
MW-30	98.19	3.93	94.26	14	4-14
MW-31	98.12	4.29	93.83	15	5-15
MW-33	97.92	4.13	93.79	15	5-15
MW-36I	99.90	6.10	93.80	20	15-20
MW-37I	100.31	6.60	93.71	20	15-20
MW-38I	100.60	6.87	93.73	20	15-20
MW-39I	100.79	7.17	93.62	20	15-20
TW-1	100.22	6.75	93.47	41	36-41
TW-2	99.81	5.44	94.37	38	33-38
TW-3	100.95	7.33	93.62	40	35-40
RW-1	102.56	6.70	95.86	20	5-20
RW-2	102.23	6.43	95.80	20	5-20

Slug tests were conducted using monitoring wells MW-36I, MW-37I, TW-1 and TW-2 on May 18, 2021. The hydraulic conductivity calculated using the Bouwer and Rice Method was 2.960×10^{-2} feet per minute (MW-36I), 6.569×10^{-4} (MW-37I), 3.286×10^{-5} (TW-1), and 3.644×10^{-4} feet per minute (TW-2). The seepage velocities calculated using the equation $V = K(dh/dl)/n_e$ ranged from 1.893×10^{-3} feet per day (0.69 feet per year in TW-1) to 1.705 feet per day (622.31 feet per year in MW-36I). A summary of the results of slug test analyses conducted during the May 2021 assessment activities is presented in **Table 4**. Calculations and raw data from the slug tests performed on MW-36I, MW-37I, TW-1 and TW-2 have been included as **Appendix G**. A summary of the slug test analysis is shown below:

Well	Hydraulic Conductivity (k)		Seepage Velocity (v)	
	ft/min	ft/day	ft/day	ft/year
MW-36I	2.960E-02	42.624	1.705E+00	622.31
MW-37I	6.569E-04	0.946	3.784E-02	13.81

TW-1	3.286E-05	0.047	1.893E-03	0.69
TW-2	3.644E-04	0.525	2.099E-02	7.66

3.3 Soil Quality

No soil quality samples were collected during the March 2021 soil assessment activities.

3.4 Ground Water Quality

Twenty-nine Type III monitoring wells (MW-1 through MW-6, MW-9 through MW-15, MW-17 through MW-20, MW-23, MW-24, MW-27 through MW-31, MW-33, and MW-36I through MW-39I), three telescoping monitoring wells (TW-1 through TW-3), and two recovery wells (RW-1 and RW-2) were gauged, purged and sampled between May 18 and May 19, 2021. Monitoring wells MW-7, MW-8, MW-16, MW-21, MW-22, MW-25, MW-26, and MW-32 could not be located. Monitoring wells MW-34 and MW-35 were located behind a secured privacy fence and could not be accessed during the May 2021 sampling event. Field readings (pH, specific conductivity, temperature, dissolved oxygen, and turbidity) were collected from the purged wells after each well volume was removed and recorded on field data information sheets. Ground water samples collected from the newly installed and existing monitoring wells were analyzed for the following compounds: BTEX, MTBE, naphthalene, 1,2-DCA and 8 oxygenates by EPA Method 8260B and EDB using Method 8011. Water supply wells WSW-2 and WSW-7 were also sampled during the May 2021 sampling event. Samples collected from the water supply wells were submitted for analyses using Methods 524.2, 8260 and 504.1. Please note that the sample vials for the 504.1 (EDB) analyses were apparently misplaced by the lab. Therefore, there were no reportable analytical results for that compound.

Concentrations of benzene, toluene, ethylbenzene, naphthalene and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-15, MW-20, MW-24, MW-36I, MW-38I, RW-1 and RW-2. A concentration of the oxygenate TAA that exceeded the action level was reported in the ground water sample collected from MW-24. No detectable concentrations of requested method constituents were reported in the ground water samples collected from the water supply wells. A summary of the May 18 through May 19, 2021 ground water sampling data is shown below:

Well No.	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB
RBSL (µg/l)	**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**
MW-1	**89.2**	769	**1,240**	6,470	<11	**731**	<16	0.026
MW-2	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050
MW-3	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050
MW-4	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050
MW-5	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
MW-6	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
MW-9	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
MW-10	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050
MW-11	1.7	0.41 J	4.2	3.2	<0.23	3.9 J	<0.31	<0.0052
MW-12	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0049

Well No.	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB
MW-13	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050
MW-14	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
MW-15	**33.8**	2.4	342	334	<0.46	**130**	<0.62	<0.0051
MW-17	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050
MW-18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0052
MW-19	<0.31	0.40 J	3.5	1.8 J	<0.23	2.8 J	<0.31	<0.0050
MW-20	**87.1**	567	**939**	6,590	<5.7	**222**	<7.8	0.027
MW-23	<0.31	<0.30	<0.36	1.0 J	<0.23	<1.0	<0.31	<0.0051
MW-24	**1,080**	**3,750**	470	7,240	<11	**160 J**	<16	**0.55**
MW-27	0.75 J	<3.0	<3.6	<7.2	<2.3	<10	<3.1	<0.0050
MW-28	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0052
MW-29	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
MW-30	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
MW-31	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0052
MW-33	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
MW-36I	**13.9**	8.5	29.3	117	<0.23	4.5 J	<0.31	<0.0051
MW-37I	0.67 J	4.4	3.6	24	<0.23	<1.0	<0.31	<0.0051
MW-38I	**67.4**	4.3	33.8	97	<0.23	15.2	<0.31	<0.0052
MW-39I	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0052
TW-1	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
TW-2	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
TW-3	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051
RW-1	**8.6**	52.7	152	842	<1.1	**71.0**	<1.6	<0.0050
RW-2	**128**	**1,080**	**1,300**	9,540	<11	**705**	<16	0.020
WSW-2	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	No result
WSW-7	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	No result

A Ground Water Quality Map based on the May 18 through May 19, 2021 sampling results has been included as **Figure 6**. Summaries of laboratory analytical results have been included as **Tables 5** and **6**. A complete report of laboratory analyses of the ground water samples collected during assessment activities has been included as **Appendix H**. Field Data Information Sheets have been included as **Appendix I**.

3.5 QA/QC

All field screening, monitoring well installation, development, gauging, purging and sampling activities were conducted in general accordance with the SCDHEC Programmatic QAPP and the approved Site Specific Work Plan. All sampling equipment (hand augers, split spoons, discrete water samplers and down-hole drilling equipment) were properly decontaminated between each sampling location. All new wells were developed, purged and sampled using submersible pumps and dedicated, disposable bailers. All field measurement equipment was properly decontaminated between sampling locations. Duplicate ground water samples, DUP A, DUP B and DUP C were collected during the collection of ground water samples from MW-1, MW-24 and WSW-2, respectively. Laboratory results for MW-1 and DUP A, MW-24

and DUP B, and WSW-2 and DUP C showed the same compounds at similar concentrations. Three field blanks and two trip blanks were collected and/or submitted during the ground water sampling activities. However, the laboratory misplaced the trip blank associated with the water supply samples. No detectable concentrations of requested method constituents were reported in the trip blank or the field blanks. All applicable items on the Contractor Checklist were reviewed and verified. A copy of the Contractor Checklist is included as **Appendix J**.

4. SUMMARY AND CONCLUSIONS

- The site is located at 3240 Horatio Hagood Road in Horatio, Sumter County, South Carolina. The site contains a closed post office and general store. The area surrounding the site consists of residential properties.
- Eight water supply wells (WSW-1 through WSW-4 and WSW-6 through WSW-9 are located within a 1,000-foot radius of the subject site/source area. Water supply wells WSW-2 and WSW-7 are currently in service and used as a potable water source. Water supply wells WSW-1, WSW-3, WSW-4, WSW-6 and WSW-9 are currently out-of-service. Water supply well WSW-8 is located behind a locked privacy fence and the property owner was not present to allow access to that well during the assessment activities. The use of WSW-8 is unknown. The owner of water supply well WSW-9 indicated that he would put the well back in service as an irrigation well once a new pump has been installed in the well. GRI confirmed that public water is connected to and used by the properties where WSW-1 and WSW-9 are located. Municipal water is available to the subject site and all immediately surrounding properties. An unnamed tributary of Cam Swamp Branch is located approximately 500 feet southeast of the site.
- Fourteen soil borings were conducted at the site in March 2021. Each soil boring was proposed to be installed to a total depth of 25 feet. However, refusal/macro-core splitting occurred at several locations. In addition, flowing sands were encountered at several locations at depths of approximately 20 feet BGS. Soil samples were collected at 1-foot intervals using a macro-core sampler. Each sample was screened with a PID for the presence of VOCs.
- Four additional Type III monitoring wells were installed at the site in May 2021.
- During the current assessment activities, the depths to ground water in the Type III monitoring wells at the site ranged from 3.12 feet to 7.31 feet below the top of casings. Depths to ground water in the telescoping wells ranged from 5.44 to 7.33 feet. The general direction of ground water flow was toward the west. The average horizontal hydraulic gradient was less than 0.01 feet/foot. The vertical hydraulic gradients ranged from 0.008 feet/foot downward to 0.02 feet/foot upward.
- Twenty nine Type III monitoring wells, three telescoping monitoring wells, and two recovery wells were gauged, purged and sampled between May 18 and May 19, 2021.
- Concentrations of benzene, toluene, ethylbenzene, naphthalene and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-15, MW-20, MW-24, MW-36I, MW-38I, RW-1 and RW-2. A concentration of the oxygenate TAA that exceeded the action level was reported in the ground water sample collected from MW-24. No detectable concentrations of requested method constituents were reported in the ground water samples collected from the water

supply wells. The horizontal and vertical extent of ground water contamination at the site has been adequately defined.

- Based on this information, AFVR events should be conducted to reduce contaminant concentrations. Ground water monitoring at the site should continue.

5. LIMITATIONS

This report has been prepared for the exclusive use of the Ms. Carrie Lenoir c/o Mr. Steve Lenoir and the SCDHEC for specific application to the referenced site in Sumter County, South Carolina. The activities were conducted based on the scope of work and level of effort specified by the SCDHEC and with resources adequate only for that scope of work. Our findings have been developed in accordance with generally accepted standards of geology and hydrogeology practices in the State of South Carolina, available information, and our professional judgment. No other warranty is expressed or implied.

The data that are presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. In addition, the data obtained from samples would be interpreted as being meaningful with respect to parameters indicated in the laboratory report. No additional information can logically be inferred from these data.

FIGURES

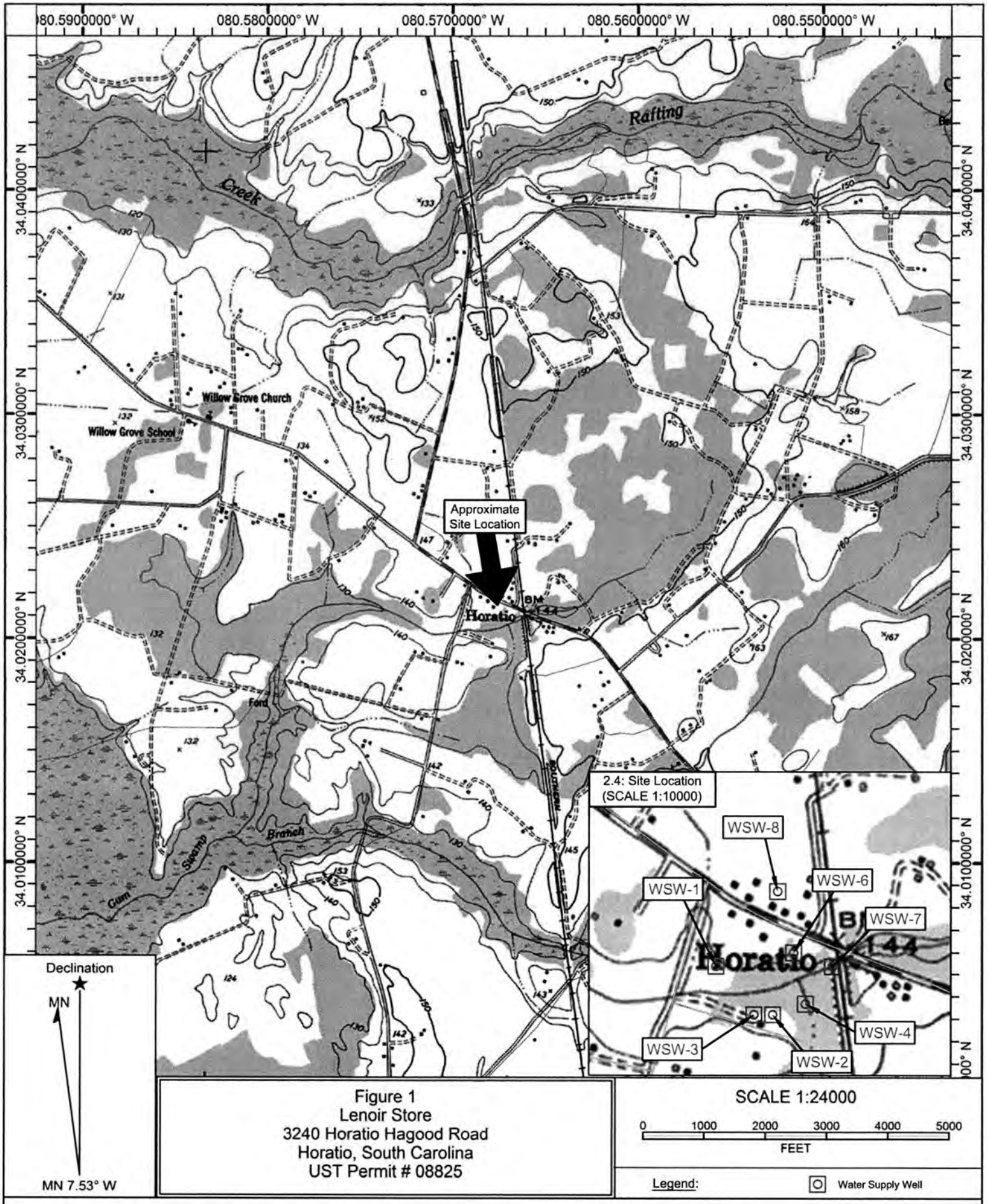


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

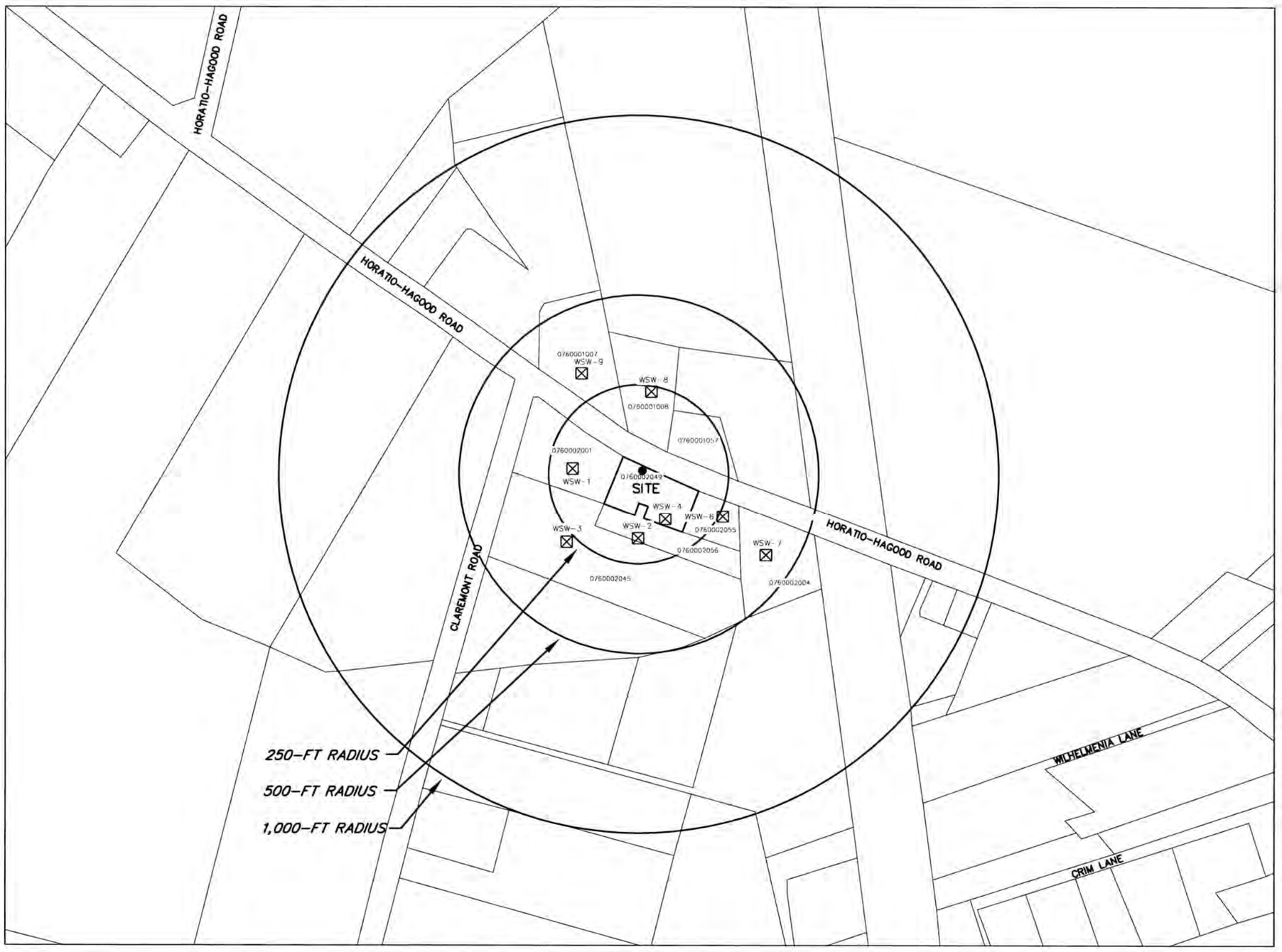
Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.

LEGEND

- SUBJECT PARCEL
- 0760002049 — SUMTER CO. PIN
- ⊠ — WATER SUPPLY WELL (WSW–1)

Note:
This map is based on data from the Sumter County GIS of SC.



Geological Resources, Inc.

0 150 300 600

(IN FEET)
1 inch = 300 ft

SITE VICINITY MAP

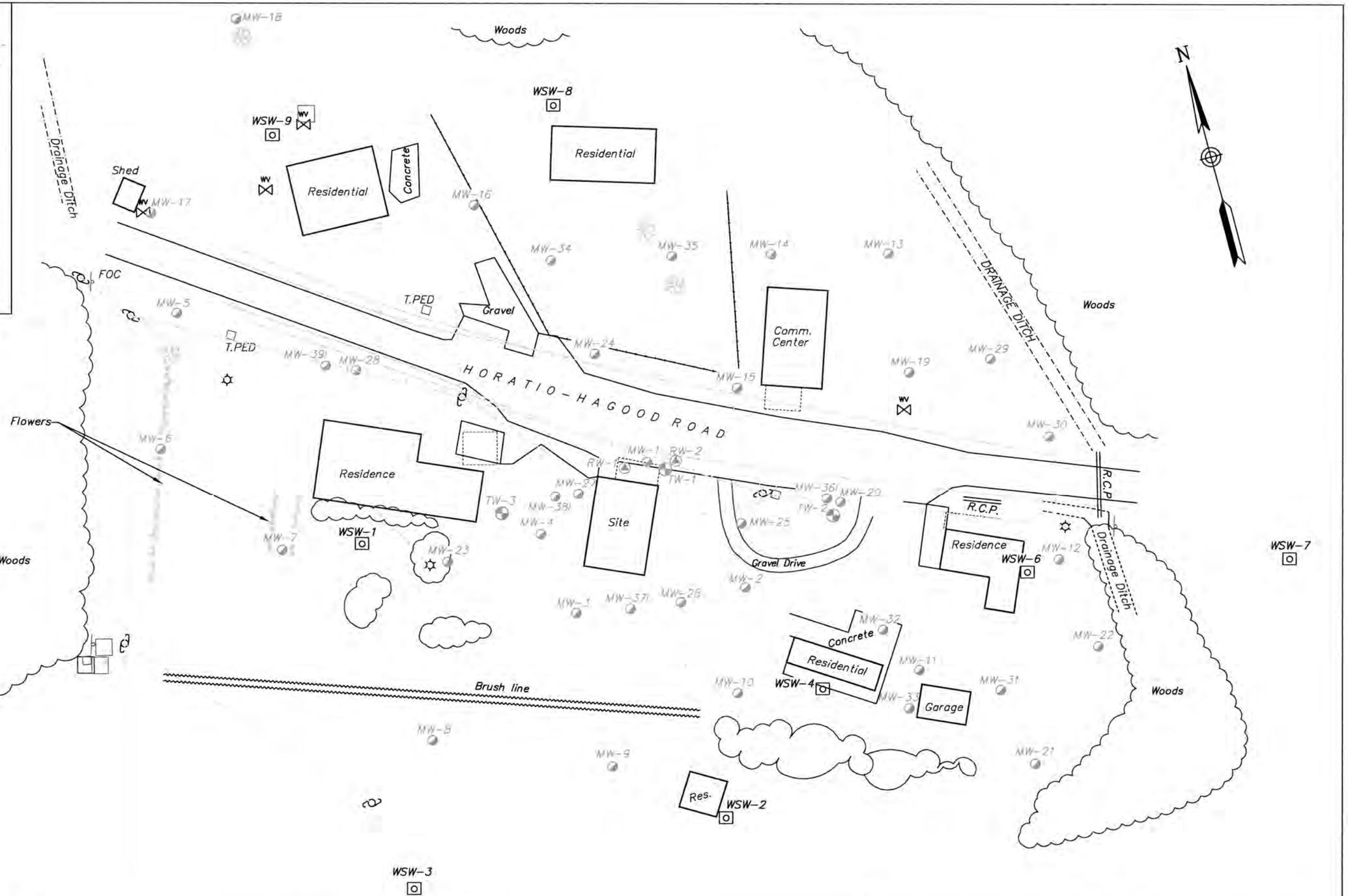
Lenoir Store UST Permit. 08825 GRI Project No. 2001	3240 Horatio Hagood Road Horatio, South Carolina Sumter County

Date:	06/12/2021	Drawn by:	DTH	Figure:	2

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- UTILITY POLE
- POWER LINE
- T.PED — TELEPHONE PEDESTAL
- TELEPHONE LINE
- WV — WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Jay S. Joshi of Columbia, SC.



Geological Resources, Inc.

0 30 60 120
(IN FEET)
1 inch = 60 ft

SITE MAP

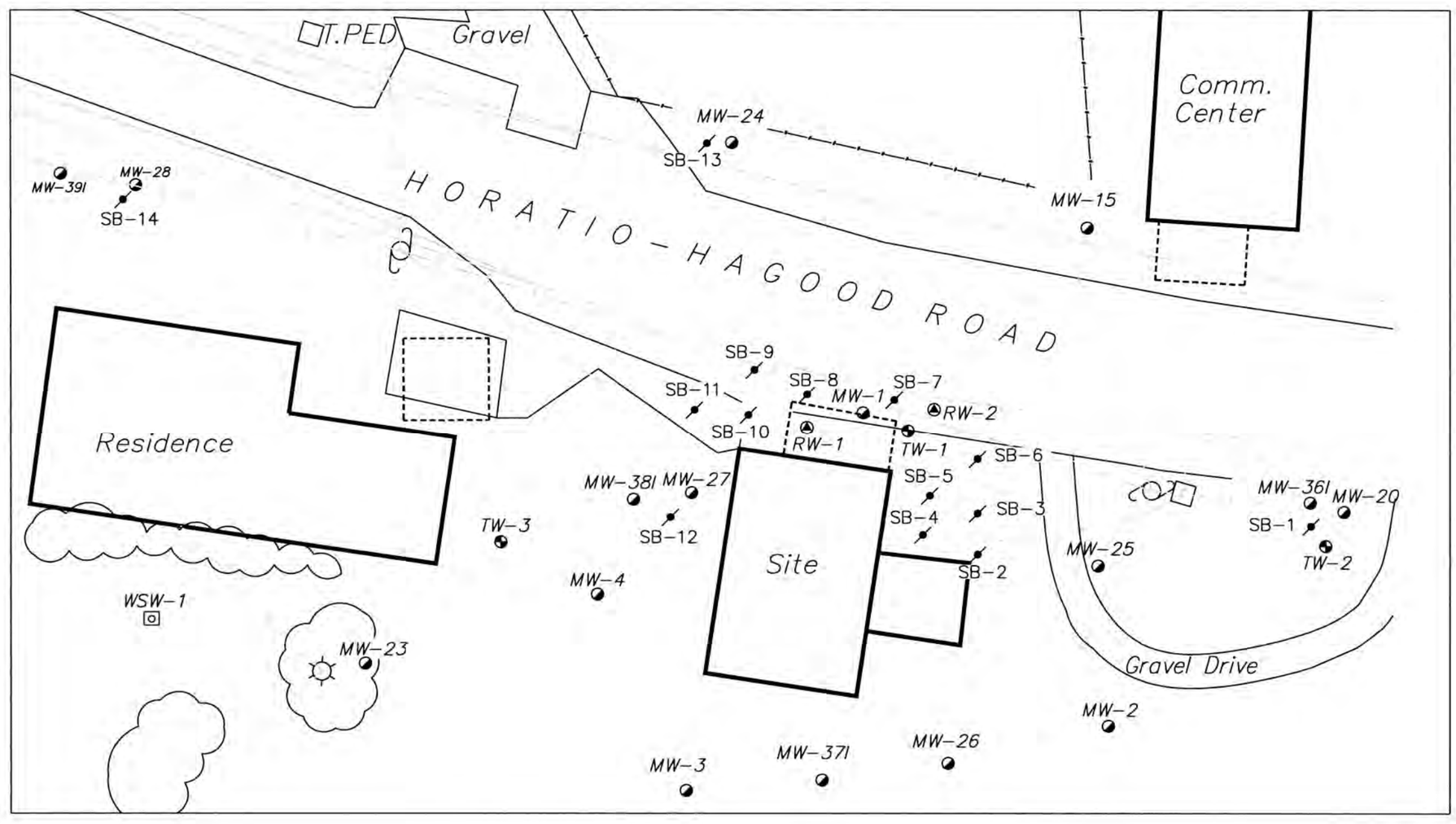
Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, South Carolina
Sumter County

Date:	06/12/2021	Drawn by:	DTH	Figure:	3

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- UTILITY POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE
- SOIL SAMPLE LOCATION



Geological Resources, Inc.

0 15 30 60

(IN FEET)
1 inch = 30 ft

SOIL SAMPLE LOCATION MAP

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, South Carolina
Sumter County

Date:	06/12/2021	Drawn by:	DTH	Figure:	4

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- UTILITY POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE
- 92.8 WATER TABLE SURFACE CONTOUR
- (89.03) GROUND WATER ELEVATION (FT.)
- NOT MEASURED

MW-18 (93.72)
Woods
93.6
93.8
WSW-8
Residential
Drainage Ditch
Shed
MW-17 (93.47)
Residential
Concrete
MW-16 (NM)
MW-34 (NM)
MW-35 (NM)
MW-14 (93.86)
MW-13 (93.91)
N
FOC
MW-5 (93.47)
T.PED
Gravel
Comm. Center
DRAINAGE DITCH
Woods
94.0
94.2
T.PED
MW-39I
MW-28 (93.61)
MW-24 (93.76)
MW-29 (93.86)
MW-19 (93.85)
HORATIO-HAGOOD ROAD
MW-15 (94.80)
94.5
Flowers
MW-30 (94.26)
MW-6 (93.49)
MW-1 (93.72)
RW-2
RW-1
TW-1
Residence
MW-38I
MW-27 (93.68)
MW-36I
MW-20 (93.79)
TW-3
TW-2
R.C.P.
R.C.P.
94.2
MW-25 (NM)
Site
MW-4 (93.67)
WSW-1
MW-7 (NM)
Woods
MW-23 (93.60)
Gravel Drive
Residence
WSW-6
MW-12 (93.91)
Drainage Ditch
WSW-7
94.5
MW-3 (94.88)
MW-37I
MW-26 (NM)
MW-2 (93.84)
MW-32 (NM)
Concrete
Residential
MW-22 (NM)
94.0
93.8
MW-11 (93.78)
MW-10 (93.79)
WSW-4
MW-31 (93.83)
MW-33I
Garage
(93.79)
Brush line
Woods
MW-8 (NM)
MW-9 (93.70)
MW-21 (NM)
Res.
WSW-2
93.8
93.6
WSW-3

Geological Resources, Inc.

0 30 60 120
(IN FEET)
1 inch = 60 ft

WATER TABLE SURFACE MAP (05/18/2021)

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, South Carolina
Sumter County

Date:	07/22/2021	Drawn by:	DTH	Figure:	5

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- UTILITY POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

BENZENE
TOLUENE
ETHYLBENZENE
NAPHTHALENE
EDB

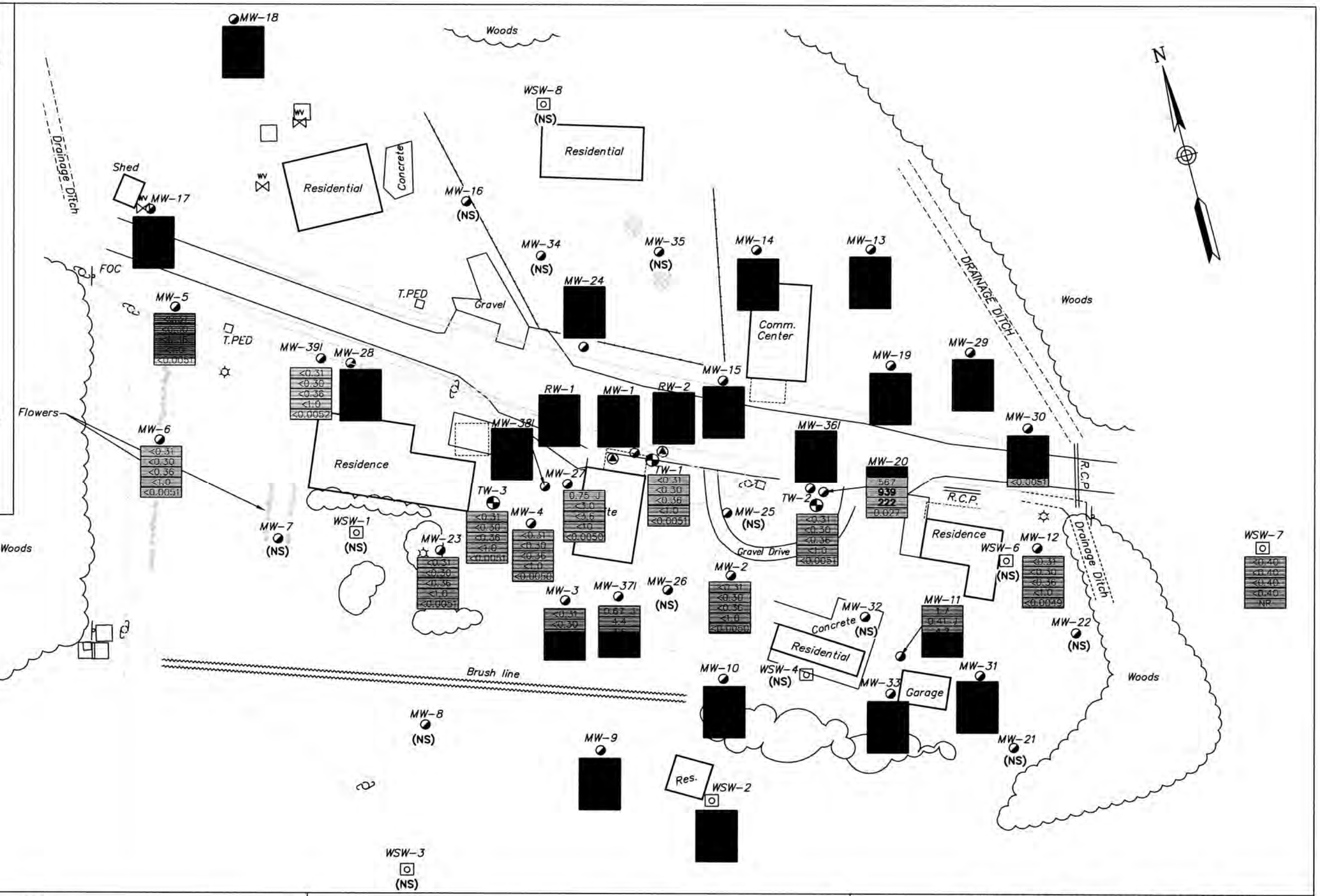
CONCENTRATIONS IN µg/L

<20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

(NS) NOT SAMPLED

(NR) NOT REQUESTED



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

GROUND WATER QUALITY MAP (05/18-19/21)

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, South Carolina
Sumter County

Date: 07/22/2021 | Drawn by: DTH | Figure: 6

TABLES

TABLE 1
WATER SUPPLY WELL INFORMATION
LENOIR STORE (UST PERMIT #08825)

Well ID	Parcel ID No.	Well Owner	Mailing Address	Well Location Address	Well Use (Potable/ Agriculture, etc.)	Public Water Connected	Distance from source area of release
WSW-1	0760002001	Daniel B Lenoir	PO Box 83 Horatio, SC 29162	3220 Horatio-Hagood Road Horatio, SC 29162	Out-of-Service	Yes	195' West
WSW-2	0760002056	Daniel B Lenoir	PO Box 83 Horatio, SC 29162	3250 Horatio-Hagood Road Horatio, SC 29162	Potable	No	190' South
WSW-3	0760002045	Daniel B Lenoir	PO Box 83 Horatio, SC 29162	3855 Claremont Road Horatio, SC 29162	Out-of-Service	No	295' Southwest
WSW-4	0760002049	Steve D Lenoir	1555 Barnwell Drive Sumter, SC 29154	3240 Horatio-Hagood Road Horatio, SC 29162	Out-of-Service	No	145' South-Southeast
WSW-6	0760002055	Lee Matthew Hallman	332 Pasa Fino Drive Irmo, SC 29063	3270 Horatio-Hagood Road Horatio, SC 29162	Absentee Property Owner Well is Out-of-Service	Unknown	260' Southeast
WSW-7	0760002004	Jason Anthony Ragan	3280 Horatio-Hagood Road Rembert, SC 29128	3280 Horatio-Hagood Road Rembert, SC 29128	Potable	No	415' Southeast
WSW-8	0760001008	Sarah Elaine Crokie	PO Box 908 Sumter, SC 29151	3235 Horatio-Hagood Road Horatio, SC 29162	Absentee Property Owner Well not accessible; behind locked privacy fence	Unknown	215' North
WSW-9	0760001007	Thomas Ross	3205 Horatio-Hagood Road Rembert, SC 29128	3205 Horatio-Hagood Road Rembert, SC 29128	Out-of-Service (owners plans to use as irrigation well once new well pump is installed)	Yes	310' Northwest

Notes:

- Water supply wells are shown on **Figure 2**
- Ft. BGS : Feet below ground surface

TABLE 2
ADJACENT PROPERTY OWNER INFORMATION
LENOIR STORE (UST PERMIT #08825)

PIN Number	Property Owner Name	Property Owner Address
760002049 (Subject Site)	Steve D Lenoir	1555 Barnwell Drive Sumter, SC 29154
0760002055	Lee Matthew Hallman	332 Pasa Fino Drive Irmo, SC 29063
0760002056	Daniel B Lenoir	PO Box 83 Horatio, SC 29162
0760002045	Daniel B Lenoir	PO Box 83 Horatio, SC 29162
0760002001	Daniel B Lenoir	PO Box 83 Horatio, SC 29162
0760001008	Sarah Elaine Crokie	PO Box 908 Sumter, SC 29151
0760001007	Thomas Ross	3205 Horatio-Hagood Road Rembert, SC 29128
0760001057	Horatio Citizens for Historic Preservation	PO Box 156 Horatio, SC 29062

Note:

- Properties are keyed to **Figure 2.**

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-1	09/23/03	09/24/03	100.00	9.16	---	90.84	14.5	4.5-14.5
		08/28/07		11.54	0.66	89.03		
		03/07/08	100.27	3.16	0.56	97.59		
		06/12/08		10.44	0.11	89.92		
		08/25/08		9.86	0.11	90.50		
		03/05/09		8.62	0.20	91.82		
		10/13/10		10.79	0.02	89.50		
		07/25/11		11.41	0.03	88.89		
		02/29/12		12.52	0.04	87.78		
		07/18/13		8.52	---	91.75		
		01/23/14		9.16	---	91.11		
		08/28/14		9.66	0.03	90.64		
		12/23/14		10.89	---	89.38		
		09/30/15		11.24	---	89.03		
		10/08/19		10.33	---	89.94		
		10/12/20		6.64	---	93.63		
		05/18/21		6.55	---	93.72		
MW-2	09/23/03	09/24/03	99.74	9.01	---	90.73	15	5-15
		08/28/07		10.76	---	88.98		
		03/07/08	100.00	3.70	---	96.30		
		06/12/08		10.02	---	89.98		
		08/25/08		9.18	---	90.82		
		03/05/09		4.20	---	95.80		
		10/13/10		10.46	---	89.54		
		02/29/12		6.33	---	93.67		
		07/18/13		3.15	---	96.85		
		01/23/14		6.38	---	93.62		
		08/28/14		9.28	---	90.72		
		12/23/14		10.49	---	89.51		
		09/30/15		10.90	---	89.10		
		10/08/19		9.95	---	90.05		
		10/12/20		5.11	---	94.89		
		05/18/21		6.16	---	93.84		
MW-3	09/23/03	09/24/03	100.11	7.68	---	92.43	14	4-14
		08/28/07		11.22	---	88.89		
		03/07/08	100.41	3.04	---	97.37		
		06/12/08		10.49	---	89.92		
		08/25/08		5.89	---	94.52		
		03/05/09		3.87	---	96.54		
		10/13/10		7.72	---	92.69		
		02/29/12		3.20	---	97.21		
		07/18/13		2.04	---	98.37		
		01/23/14		2.45	---	97.96		
		08/28/14		6.24	---	94.17		
		12/22/14		5.61	---	94.80		
		09/30/15		5.79	---	94.62		
		10/08/19		10.52	---	89.89		
		10/12/20		5.21	---	95.20		
		05/18/21		5.53	---	94.88		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-4	03/05/08	03/07/08	100.76	7.85	---	92.91	12	2-12
		06/12/08		10.87	---	89.89		
		08/25/08		10.28	---	90.48		
		03/05/09		8.91	---	91.85		
		10/13/10		11.28	---	89.48		
		07/25/11		11.70	---	89.06		
		02/29/12		DRY	---	DRY		
		07/18/13		8.07	---	92.69		
		01/23/14		9.62	---	91.14		
		08/28/14		10.18	---	90.58		
		12/22/14		11.34	---	89.42		
		09/30/15		11.74	---	89.02		
		10/08/19		10.83	---	89.93		
		10/12/20		7.16	---	93.60		
		05/18/21		7.09	---	93.67		
MW-5	03/05/08	03/07/08	99.16	7.71	---	91.45	12	2-12
		06/12/08		9.37	---	89.79		
		08/25/08		8.74	---	90.42		
		03/05/09		7.35	---	91.81		
		10/13/10		9.81	---	89.35		
		02/29/12		11.52	---	87.64		
		07/18/13		6.49	---	92.67		
		01/23/14		8.07	---	91.09		
		08/28/14		8.70	---	90.46		
		12/22/14		9.89	---	89.27		
		09/30/15		10.33	---	88.83		
		10/08/19		9.43	---	89.73		
		10/12/20		5.72	---	93.44		
		05/18/21		5.69	---	93.47		
MW-6	03/05/08	03/07/08	98.32	6.98	---	91.34	12	2-12
		06/12/08		8.56	---	89.76		
		08/25/08		7.94	---	90.38		
		03/05/09		6.60	---	91.72		
		10/13/10		8.99	---	89.33		
		02/29/12		10.60	---	87.72		
		07/18/13		5.44	---	92.88		
		01/23/14		7.23	---	91.09		
		08/28/14		7.94	---	90.38		
		12/22/14		9.21	---	89.11		
		09/30/15		9.52	---	88.80		
		10/08/19		8.63	---	89.69		
		10/12/20		4.89		93.43		
		05/18/21		4.83	---	93.49		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-7	03/05/08	03/07/08	99.45	8.16	---	91.29	12	2-12
		06/12/08		9.70	---	89.75		
		08/25/08		9.08	---	90.37		
		03/05/09		7.66	---	91.79		
		10/13/10		10.09	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.83	---	92.62		
		01/23/14		8.41	---	91.04		
		08/28/14		9.02	---	90.43		
		12/22/14		10.17	---	89.28		
		09/30/15		10.60	---	88.85		
		10/08/19		9.70	---	89.75		
		10/12/20		NM	---	NM		
		05/18/21		NM	---	NM		
MW-8	03/05/08	03/07/08	98.43	7.23	---	91.20	13	3-13
		06/12/08		8.70	---	89.73		
		08/25/08		8.91	---	89.52		
		03/05/09		8.35	---	90.08		
		10/13/10		9.07	---	89.36		
		02/29/12		10.74	---	87.69		
		07/18/13		NM	NM	NM		
		01/23/14		7.43	---	91.00		
		08/28/14		7.99	---	90.44		
		12/22/14		9.12	---	89.31		
		09/30/15		9.54	---	88.89		
		10/08/19		8.87	---	89.56		
		10/12/20		NM	---	NM		
		05/18/21		NM	---	NM		
MW-9	03/05/08	03/07/08	99.09	7.63	---	91.46	12	2-12
		06/12/08		9.17	---	89.92		
		08/25/08		8.50	---	90.59		
		03/05/09		7.37	---	91.72		
		10/13/10		9.54	---	89.55		
		02/29/12		11.07	---	88.02		
		07/18/13		5.30	---	93.79		
		01/23/14		7.87	---	91.22		
		08/28/14		8.45	---	90.64		
		12/22/14		9.67	---	89.42		
		09/30/15		10.04	---	89.05		
		10/08/19		9.33	---	89.76		
		10/12/20		5.40	---	93.69		
		05/18/21		5.39	---	93.70		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-10	03/05/08	03/07/08	99.16	7.81	---	91.35	12	2-12
		06/12/08		9.20	---	89.96		
		08/25/08		8.66	---	90.50		
		03/05/09		7.26	---	91.90		
		10/13/10		9.61	---	89.55		
		02/29/12		11.20	---	87.96		
		07/18/13		6.59	---	92.57		
		01/23/14		8.02	---	91.14		
		08/28/14		8.48	---	90.68		
		12/23/14		9.67	---	89.49		
		09/30/15		10.04	---	89.12		
		10/08/19		9.11	---	90.05		
		10/12/20		5.49	---	93.67		
		05/18/21		5.37	---	93.79		
MW-11	03/05/08	03/07/08	98.23	6.79	---	91.44	12	2-12
		06/12/08		8.26	---	89.97		
		08/25/08		7.70	---	90.53		
		03/05/09		6.34	---	91.89		
		10/13/10		8.65	---	89.58		
		07/25/11		9.25	---	88.98		
		02/29/12		10.20	---	88.03		
		07/18/13		5.53	---	92.70		
		01/23/14		7.08	---	91.15		
		08/28/14		7.50	---	90.73		
		12/22/14		8.64	---	89.59		
		09/30/15		9.06	---	89.17		
		10/08/19		8.22	---	90.01		
		10/12/20		4.53		93.70		
		05/18/21		4.45	---	93.78		
MW-12	03/05/08	03/07/08	97.88	6.34	---	91.54	13	3-13
		06/12/08		7.83	---	90.05		
		08/25/08		7.20	---	90.68		
		03/05/09		5.82	---	92.06		
		10/13/10		8.18	---	89.70		
		02/29/12		9.69	---	88.19		
		07/18/13		4.95	---	92.93		
		01/23/14		6.51	---	91.37		
		08/28/14		7.02	---	90.86		
		12/22/14		8.14	---	89.74		
		09/30/15		8.48	---	89.40		
		10/08/19		7.70	---	90.18		
		10/12/20		4.03	---	93.85		
		05/18/21		3.97	---	93.91		
MW-13	03/06/08	03/07/08	98.27	6.95	---	91.32	12	2-12
		06/12/08		8.20	---	90.07		
		08/25/08		7.66	---	90.61		
		03/05/09		6.30	---	91.97		
		10/13/10		8.60	---	89.67		
		02/29/12		10.38	---	87.89		
		07/18/13		5.49	---	92.78		
		01/23/14		7.02	---	91.25		
		08/28/14		7.53	---	90.74		
		12/22/14		8.78	---	89.49		
		09/30/15		9.07	---	89.20		
		10/08/19		8.16	---	90.11		
		10/12/20		4.40	---	93.87		
		05/18/21		4.36	---	93.91		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-14	03/06/08	03/07/08	97.29	6.02	---	91.27	12	2-12
		06/12/08		7.30	---	89.99		
		08/25/08		6.71	---	90.58		
		03/05/09		5.36	---	91.93		
		10/13/10		7.65	---	89.64		
		02/29/12		9.43	---	87.86		
		07/18/13		4.54	---	92.75		
		01/23/14		6.09	---	91.20		
		08/28/14		6.57	---	90.72		
		12/22/14		7.87	---	89.42		
		09/30/15		8.16	---	89.13		
		10/08/19		7.22	---	90.07		
		10/12/20		3.49	---	93.80		
		05/18/21		3.43	---	93.86		
MW-15	03/06/08	03/07/08	99.64	8.38	---	91.26	13	3-13
		06/12/08		9.66	---	89.98		
		08/25/08		9.09	---	90.55		
		03/05/09		7.71	---	91.93		
		10/13/10		10.03	---	89.61		
		07/25/11		10.65	---	88.99		
		02/29/12		11.74	---	87.90		
		07/18/13		6.82	---	92.82		
		01/23/14		8.37	---	91.27		
		08/28/14		8.45	---	91.19		
		12/22/14		10.20	---	89.44		
		09/30/15		10.54	---	89.10		
		10/08/19		9.58	---	90.06		
		10/12/20		4.39	---	95.25		
		05/18/21		4.84	---	94.80		
MW-16	03/06/08	03/07/08	101.27	10.00	---	91.27	13	3-13
		06/12/08		11.31	---	89.96		
		08/25/08		10.74	---	90.53		
		03/05/09		9.36	---	91.91		
		10/13/10		11.70	---	89.57		
		02/29/12		DRY	---	DRY		
		07/18/13		5.53	---	95.74		
		01/23/14		10.13	---	91.14		
		08/28/14		10.66	---	90.61		
		12/22/14		11.67	---	89.60		
		09/30/15		12.23	---	89.04		
		10/08/19		11.38	---	89.89		
		10/12/20		NM	---	NM		
		05/18/21		NM	---	NM		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-17	03/06/08	03/07/08	99.09	8.35	---	90.74	13	3-13
		06/12/08		9.32	---	89.77		
		08/25/08		8.70	---	90.39		
		03/05/09		7.29	---	91.80		
		10/13/10		9.73	---	89.36		
		02/29/12		DRY	---	DRY		
		07/18/13		6.49	---	92.60		
		01/23/14		8.07	---	91.02		
		08/28/14		8.68	---	90.41		
		12/22/14		9.90	---	89.19		
		09/30/15		10.28	---	88.81		
		10/08/19		DRY	---	DRY		
		10/12/20		5.63	---	93.46		
		05/18/21		5.62	---	93.47		
MW-18	03/06/08	03/07/08	99.71	7.95	---	91.76	13	3-13
		06/12/08		9.83	---	89.88		
		08/25/08		9.23	---	90.48		
		03/05/09		7.86	---	91.85		
		10/13/10		10.27	---	89.44		
		02/29/12		12.01	---	87.70		
		07/18/13		6.90	---	92.81		
		01/23/14		8.58	---	91.13		
		08/28/14		9.18	---	90.53		
		12/22/14		10.41	---	89.30		
		09/30/15		10.80	---	88.91		
		10/08/19		9.92	---	89.79		
		10/12/20		6.04	---	93.67		
		05/18/21		5.99	---	93.72		
MW-19	05/06/08	06/12/08	98.52	8.48	---	90.04	14	4-14
		08/25/08		8.40	---	90.12		
		03/05/09		7.73	---	90.79		
		10/13/10		8.88	---	89.64		
		07/25/11		9.48	---	89.04		
		02/29/12		10.67	---	87.85		
		07/18/13		6.04	---	92.48		
		01/23/14		7.38	---	91.14		
		08/28/14		7.78	---	90.74		
		12/22/14		9.04	---	89.48		
		09/30/15		9.36	---	89.16		
		10/08/19		8.41	---	90.11		
		10/12/20		4.72	---	93.80		
		05/18/21		4.67	---	93.85		
MW-20	05/06/08	06/12/08	99.65	9.69	---	89.96	14	4-14
		08/25/08		9.24	---	90.41		
		03/05/09		8.32	---	91.33		
		10/13/10		10.07	---	89.58		
		07/25/11		10.63	---	89.02		
		02/29/12		11.72	---	87.93		
		07/18/13		6.99	---	92.66		
		01/23/14		8.52	---	91.13		
		08/28/14		8.91	---	90.74		
		12/22/14		10.14	---	89.51		
		09/30/15		10.52	---	89.13		
		10/08/19		9.61	---	90.04		
		10/12/20		5.93	---	93.72		
		05/18/21		5.86	---	93.79		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-21	05/06/08	06/12/08	97.64	8.71	---	88.93	14	4-14
		08/25/08		7.19	---	90.45		
		03/05/09		5.95	---	91.69		
		10/13/10		8.05	---	89.59		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		8.48	---	89.16		
		10/08/19		NM	---	NM		
		10/12/20		NM	---	NM		
		05/18/21		NM	---	NM		
MW-22	05/06/08	06/12/08	97.35	7.31	---	90.04	14	4-14
		08/25/08		6.63	---	90.72		
		03/05/09		5.11	---	92.24		
		10/13/10		7.67	---	89.68		
		02/29/12		5.95	---	91.40		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		NM	---	NM		
		10/08/19		NM	---	NM		
		10/12/20		NM	---	NM		
		05/18/21		NM	---	NM		
MW-23	05/06/08	06/12/08	100.47	10.65	---	89.82	14	4-14
		08/25/08		10.04	---	90.43		
		03/05/09		9.17	---	91.30		
		10/13/10		NM	---	NM		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.38	---	91.09		
		08/28/14		9.92	---	90.55		
		12/22/14		11.08	---	89.39		
		09/30/15		11.49	---	88.98		
		10/08/19		DRY	---	DRY		
		10/12/20		6.94	---	93.53		
		05/18/21		6.87	---	93.60		
MW-24	05/06/08	06/12/08	99.69	9.75	---	89.94	14	4-14
		08/25/08		9.17	---	90.52		
		03/05/09		7.80	---	91.89		
		10/13/10		10.13	---	89.56		
		07/25/11		10.76	---	88.93		
		02/29/12		11.80	---	87.89		
		07/18/13		7.00	---	92.69		
		01/23/14		9.55	---	90.14		
		08/28/14		9.02	---	90.67		
		12/22/14		10.26	---	89.43		
		09/30/15		10.64	---	89.05		
		10/08/19		9.67	---	90.02		
		10/12/20		5.95	---	93.74		
		05/18/21		5.93	---	93.76		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-25	08/25/08	08/25/08	101.10	10.60	---	90.50	14.5	4.5-14.5
		03/05/09		9.20	---	91.90		
		10/13/10		11.56	---	89.54		
		07/25/11		12.16	---	88.94		
		02/29/12		13.15	---	87.95		
		07/18/13		NM	---	NM		
		01/23/14		NM	---	NM		
		08/28/14		NM	---	NM		
		12/22/14		NM	---	NM		
		09/30/15		NM	---	NM		
		10/08/19		11.10	---	90.00		
		10/12/20		NM	---	NM		
		05/18/21		NM	---	NM		
MW-26	08/25/08	08/25/08	100.10	9.61	---	90.49	15	5-15
		03/05/09		9.04	---	91.06		
		10/13/10		10.56	---	89.54		
		02/29/12		12.18	---	87.92		
		07/18/13		7.45	---	92.65		
		01/23/14		8.66	---	91.44		
		08/28/14		9.44	---	90.66		
		12/23/14		10.63	---	89.47		
		09/30/15		11.00	---	89.10		
		10/08/19		10.08	---	90.02		
		10/12/20		NM	---	NM		
		05/18/21		NM	---	NM		
MW-27	08/25/08	08/25/08	100.74	10.41	---	90.33	15	5-15
		03/05/09		9.90	---	90.84		
		10/13/10		11.25	---	89.49		
		07/25/11		11.86	---	88.88		
		02/29/12		12.90	---	87.84		
		07/18/13		8.02	---	92.72		
		01/23/14		9.61	---	91.13		
		08/28/14		10.14	---	90.60		
		12/22/14		11.29	---	89.45		
		09/30/15		11.72	---	89.02		
		10/08/19		10.81	---	89.93		
		10/12/20		7.12	---	93.62		
		05/18/21		7.06	---	93.68		
MW-28	08/25/08	08/25/08	100.92	10.41	---	90.51	15	5-15
		03/05/09		10.01	---	90.91		
		10/13/10		11.47	---	89.45		
		07/25/11		12.05	---	88.87		
		02/29/12		13.20	---	87.72		
		07/18/13		8.10	---	92.82		
		01/23/14		9.82	---	91.10		
		08/28/14		10.39	---	90.53		
		12/22/14		11.54	---	89.38		
		09/30/15		11.99	---	88.93		
		10/08/19		11.09	---	89.83		
		10/12/20		7.29	---	93.63		
		05/18/21		7.31	---	93.61		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-29	08/25/08	08/25/08	96.98	6.40	---	90.58	14	4-14
		03/05/09		5.00	---	91.98		
		10/13/10		7.30	---	89.68		
		02/29/12		9.05	---	87.93		
		07/18/13		4.19	---	92.79		
		01/23/14		5.73	---	91.25		
		08/28/14		6.27	23.00	90.71		
		12/22/14		7.59	---	89.39		
		09/30/15		7.82	---	89.16		
		10/08/19		6.89	---	90.09		
		10/12/20		3.16	---	93.82		
		05/18/21		3.12	---	93.86		
MW-30	08/25/08	08/25/08	98.19	3.21	---	94.98	14	4-14
		03/05/09		6.22	---	91.97		
		10/13/10		NM	---	NM		
		02/29/12		2.92	---	95.27		
		07/18/13		2.05	---	96.14		
		01/23/14		2.42	---	95.77		
		08/28/14		7.38	---	90.81		
		12/22/14		3.72	---	94.47		
		09/30/15		2.93	---	95.26		
		10/08/19		8.01	---	90.18		
		10/12/20		3.36	---	94.83		
		05/18/21		3.93	---	94.26		
MW-31	08/25/08	08/25/08	98.12	7.59	---	90.53	15	5-15
		03/05/09		7.41	---	90.71		
		10/13/10		8.48	---	89.64		
		02/29/12		10.22	---	87.90		
		07/18/13		5.34	---	92.78		
		01/23/14		8.19	---	89.93		
		08/28/14		7.30	---	90.82		
		12/22/14		8.47	---	89.65		
		09/30/15		8.13	---	89.99		
		10/08/19		8.03	---	90.09		
		10/12/20		4.34	---	93.78		
		05/18/21		4.29	---	93.83		
MW-32	08/25/08	08/25/08	99.11	8.52	---	90.59	15	5-15
		03/05/09		7.98	---	91.13		
		10/13/10		9.48	---	89.63		
		02/29/12		11.19	---	87.92		
		07/18/13		6.43	---	92.68		
		01/23/14		7.94	---	91.17		
		08/28/14		8.38	---	90.73		
		12/22/14		9.59	---	89.52		
		09/30/15		9.93	---	89.18		
		10/08/19		9.04	---	90.07		
		10/12/20		NM	---	NM		
		05/18/21		NM	---	NM		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
MW-33	08/25/08	08/25/08	97.92	7.41	---	90.51	15	5-15
		03/05/09		6.34	---	91.58		
		10/13/10		8.32	---	89.60		
		02/29/12		9.90	---	88.02		
		07/18/13		5.24	---	92.68		
		01/23/14		6.74	---	91.18		
		08/28/14		7.18	---	90.74		
		12/22/14		8.28	---	89.64		
		09/30/15		8.73	---	89.19		
		10/08/19		7.86	---	90.06		
		10/12/20		4.24	---	93.68		
		05/18/21		4.13	---	93.79		
MW-34	03/03/09	03/05/09	100.73	8.80	---	91.93	15	5-15
		10/13/10		11.17	---	89.56		
		07/28/11		11.83	---	88.90		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		9.49	---	91.24		
		08/28/14		10.08	---	90.65		
		12/22/14		11.37	---	89.36		
		09/30/15		11.68	---	89.05		
		10/08/19		10.74	---	89.99		
		10/12/20		7.17	---	93.56		
		05/18/21		NM	---	NM		
MW-35	03/03/09	03/05/09	99.07	7.12	---	91.95	13	3-13
		10/13/10		9.46	---	89.61		
		07/28/11		10.12	---	88.95		
		02/29/12		NM	---	NM		
		07/18/13		NM	---	NM		
		01/23/14		7.82	---	91.25		
		08/28/14		8.38	---	90.69		
		12/22/14		9.62	---	89.45		
		09/30/15		9.96	---	89.11		
		10/08/19		9.04	---	90.03		
		10/12/20		5.44	---	93.63		
		05/18/21		NM	---	NM		
MW-36I	05/17/21	05/18/21	99.90	6.10	---	93.80	20	15-20
MW-37I	05/17/21	05/18/21	100.31	6.60	---	93.71	20	15-20
MW-38I	05/17/21	05/18/21	100.60	6.87	---	93.73	20	15-20
MW-39I	05/17/21	05/18/21	100.79	7.17	---	93.62	20	15-20
TW-1	03/06/08	03/07/08	100.22	9.55	---	90.67	41	36-41
		06/12/08		9.85	---	90.37		
		08/25/08		10.52	---	89.70		
		03/05/09		9.17	---	91.05		
		10/13/10		10.96	---	89.26		
		07/25/11		11.62	---	88.60		
		02/29/12		12.68	---	87.54		
		07/18/13		8.26	---	91.96		
		01/23/14		9.49	---	90.73		
		08/28/14		9.78	---	90.44		
		12/23/14		11.11	---	89.11		
		09/30/15		11.43	---	88.79		
		10/08/19		10.41	---	89.81		
		10/12/20		6.91	---	93.31		
		05/18/21		6.75	---	93.47		

TABLE 3
SUMMARY OF GROUND WATER ELEVATION DATA
LENOIR STORE (UST PERMIT #08825)

Well No.	Date Completed	Date Gauged	Top of Casing Elevation	Depth to Ground Water	Free Product Thickness	Ground Water Elevation	Constructed Well Depth	Screened Interval
TW-2	03/03/09	03/05/09	99.81	8.17	---	91.64	38	33-38
		10/13/10		10.39	---	89.42		
		07/25/11		11.09	---	88.72		
		02/29/12		11.95	---	87.86		
		07/18/13		7.56	---	92.25		
		01/23/14		8.77	---	91.04		
		08/28/14		9.24	---	90.57		
		12/23/14		10.53	---	89.28		
		09/30/15		10.71	---	89.10		
		10/08/19		9.84	---	89.97		
		10/12/20		6.19	---	93.62		
		05/18/21		5.44	---	94.37		
TW-3	03/03/09	03/05/09	100.95	9.49	---	91.46	40	35-40
		10/13/10		11.58	---	89.37		
		07/25/11		12.07	---	88.88		
		02/29/12		11.92	---	89.03		
		07/18/13		8.68	---	92.27		
		01/23/14		10.32	---	90.63		
		08/28/14		10.37	---	90.58		
		12/23/14		11.81	---	89.14		
		09/30/15		11.90	---	89.05		
		10/08/19		11.03	---	89.92		
		10/12/20		7.42	---	93.53		
		05/18/21		7.33	---	93.62		
RW-1	06/25/12	12/23/14	102.56	11.12	---	91.44	20	5-20
		05/18/21		6.70	---	95.86		
RW-2	06/25/12	12/23/14	102.23	10.78	---	91.45	20	5-20
		05/18/21		6.43	---	95.80		

Notes:
- Top of casing elevations relative to a temporary benchmark with an assumed datum of 100.00 feet; data reported in feet.
- Ground water elevations corrected for presence of free product with an assumed density of 0.8581, if present.
- NM: Not measured, well could not be located.

TABLE 4
SUMMARY OF SLUG TEST ANALYSES
LENOIR STORE (UST PERMIT NO. 08825)

Well	Date	Hydraulic Conductivity (k)		Seepage Velocity (v)	
		ft/min	ft/day	ft/day	ft/year
MW-36I	05/18/21	2.960E-02	42.624	1.705E+00	622.31
MW-37I	05/18/21	6.569E-04	0.946	3.784E-02	13.81
TW-1	05/18/21	3.286E-05	0.047	1.893E-03	0.69
TW-2	05/18/21	3.644E-04	0.525	2.099E-02	7.66

Notes:

Seepage velocities calculated using the equation $v = k(dh/dl)/n_e$, where:

k = hydraulic conductivity

n_e = effective porosity = 0.20; poorly sorted, clayey, silty, fine to medium sand

dh/dl = hydraulic gradient = 0.006 ft/ft

TABLE 5
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-1	09/24/03	**175**	265	**773**	4,000	<1.0	**436**	NR	**1.69**	NR	**191**
	08/28/07	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/06/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	06/12/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	08/26/08	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	03/05/09	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	10/13/10	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/25/11	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	02/29/12	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/18/13	**1,620**	**7,760**	**1,800**	**14,500**	<21	**975**	<22	<0.0095	NR	NR
	01/23/14	**3,630**	**10,600**	**5,530**	**19,400**	<40	**6,180**	<48	**1.7**	NR	NR
	08/28/14	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	12/23/14	**22.4**	84.1	9.4 J	1,790	<4.0	**142**	<4.8	**0.44**	NR	NR
	09/30/15	**913**	**6,360**	**1,040**	**10,700**	<30	**291 J**	<20	**0.083**	NR	NR
	10/08/19	**1,810**	**2,650**	**1,320**	9,770	<11	**719**	**33.0 J**	**0.51**	NR	NR
	10/12/20	**52.9**	641	535	6,800	<5.7	**711**	<7.8	0.049	NR	NR
	05/18/21	**89.2**	769	**1,240**	6,470	<11	**731**	<16	0.026	NR	NR
MW-1 DUP A	10/08/19	**2,050**	**2,370**	**1,240**	7,700	<5.7	**719**	**43.4**	**0.66**	NR	NR
	10/12/20	**60.1**	695	667	7,080	<5.7	**1,060**	<7.8	0.048	NR	NR
	05/18/21	**98.2**	851	**1,360**	6,980	<11	**679**	<16	0.022	NR	NR
MW-2	09/24/03	**274**	38.7	**753**	1,530	<1.0	**167**	NR	<0.02	NR	**305**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	**18.3**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050	NR	NR
MW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**211**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	<1.0	<0.0203	NR	<5.00
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-4	03/06/08	**294**	12.1	231	380	<10	**82.6**	<1.0	<0.010	NR	**428**
	06/12/08	**242**	4.75 I	206	193	<0.60	12.9	NR	<0.85	<2.9	NR
	08/26/08	**97.2**	<0.076	71.8	81	0.299 JI	5.66	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**68**	<1.7	15	13	0.53 J	4.0 J	**5.3**	NR	NR	NR
	07/25/11	**17.0**	0.30 J	3.5	2.2 J	<0.34	1.1 J	0.42 J	<0.010	NR	NR
	07/18/13	3.4	2.7	1.0	42.4	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/28/14	0.37 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	1.6	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/09/19	**11.4**	<0.30	<0.36	<0.72	0.35 J	<1.0	3.7	<0.0094	NR	NR
	10/13/20	2.9	<0.30	<0.36	<0.72	<0.23	<1.0	0.36 J	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050	NR	NR
MW-5	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**302**
	06/12/08	<0.31	<0.28	1.03	2.17 I	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR
MW-6	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**308**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR
MW-7	03/06/08	1.10	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**1,250**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		5	1,000	700	10,000	40	25	5	0.05	15	15
MW-8	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**189**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0089	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**376**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0096	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR
MW-10	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**267**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050	NR	NR
MW-11	03/06/08	**25.4**	1.83	31.1	45.9	<1.0	23.3	<1.0	<0.010	NR	**390**
	06/12/08	**18.4**	3	26.9	105	<0.12	6.91	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	5.0	<1.7	4.1 J	13	<0.40	2.5 J	<0.30	<0.0061	NR	NR
	07/25/11	3.2	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	0.30 J	<0.20	<0.29	1.2 J	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**5.6**	0.71 J	8.7	21.4	<0.20	5.6	0.51 J	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	0.58 J	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	0.63 J	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/12/20	0.46 J	<0.30	1.8	0.94 J	<0.23	1.4 J	0.35 J	<0.0094	NR	NR
	05/18/21	1.7	0.41 J	4.2	3.2	<0.23	3.9 J	<0.31	<0.0052	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-12	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**699**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	0.34 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.35 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	2.4	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0049	NR	NR
MW-13	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**346**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050	NR	NR
MW-14	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**667**
	06/12/08	0.310 I	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR
MW-15	03/07/08	**237**	402	404	2,050	<20	**174**	<20	**0.117**	NR	**153**
	06/12/08	**590**	**1,430**	**791**	4,950	<2.4	**107**	NR	<3.4	7.14 I	NR
	08/26/08	**143**	127	71.2	332	<0.15	24.4	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	**180**	15	220	140	<0.40	**36**	<0.30	**0.076**	NR	NR
	07/25/11	**260**	8.9	212	70.1	<1.7	**36.0**	**7.8**	0.017 J	NR	NR
	03/02/12	**136**	**1,040**	318	1,990	<0.34	**31.7**	**5.3**	**0.057**	NR	NR
	07/18/13	**25.4**	15.4	18.6	119	<0.21	5.9	1.3	<0.0094	NR	NR
	01/23/14	2.9	7.8	3.5	60.2	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	**31.7**	11.0	56.8	226	<0.20	23.0	2.0	<0.0096	NR	NR
	12/22/14	**8.0**	2.5	15.2	37.5	<0.20	6.9	1.2	<0.0095	NR	NR
	09/30/15	**29.0**	1.5	42.8	8.8	<0.30	**35.5**	2.7	<0.0094	NR	NR
	10/08/19	3.5	4.2	3.9	6.0	<0.23	5.2	<0.31	<0.0092	NR	NR
	10/13/20	**20.4**	1.1	76.1	31.1	<0.23	**96.1**	0.39 J	<0.0094	NR	NR
	05/18/21	**33.8**	2.4	342	334	<0.46	**130**	<0.62	<0.0051	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		5	1,000	700	10,000	40	25	5	0.05	15	15
MW-15 DUP	03/02/12	**145**	907	322	1,890	<3.4	**30.1 J**	4.7 J	**0.067**	NR	NR
	07/18/13	**22.4**	18.5	26.0	163	<0.21	5.7	1.3	<0.0097	NR	NR
	01/23/14	2.4	6.0	2.0	48.8	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**29.1**	10.5	55.7	206	<0.20	20.6	1.9	<0.0095	NR	NR
	12/22/14	3.0	0.83 J	2.7	21.3	<0.20	1.6 J	0.91 J	<0.0096	NR	NR
	09/30/15	**18.2**	2.4	30.9	19.7	<0.30	23.8	2.1	<0.0097	NR	NR
MW-16	03/07/08	<1.0	<1.0	<1.0	3.7	<1.0	4.15	<1.0	<0.010	NR	**313**
	06/12/08	0.350 I	1.78	0.580 I	2.69	<0.12	0.710 I	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.45 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	0.77 J	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-17	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**23.7**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	0.48 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050	NR	NR
MW-18	03/07/08	<1.0	<1.0	<1.0	4.42	<1.0	<1.0	<1.0	<0.010	NR	**891**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	3.83 I	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	1.4	<0.28	1.1 J	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0052	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-19	06/12/08	**20.5**	3.38	42.2	214	<0.12	**25.4**	1.01	<0.17	<2.9	NR
	08/26/08	**46.4**	19.2 JI	72.4	493	<0.39	**39.8**	NR	NR	NR	NR
	03/05/09	**38.7**	5.8	83.5	286.9	<5.0	**47.2**	NR	NR	NR	NR
	10/13/10	**23**	13	50	380	<0.40	**32**	<0.30	0.028	NR	NR
	07/25/11	3.5	0.5 J	0.43 J	7.8	<0.34	2.5 J	0.54 J	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	0.29 J	2.1	2.0	25.2	<0.21	<1.0	<0.22	<0.0096	NR	NR
	01/23/14	0.47 J	3.3	0.78 J	36.6	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	4.0	19.6	22.2	274	<0.40	<2.0	<0.48	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/12/20	<0.31	<0.30	0.89 J	1.7 J	<0.23	<1.0	<0.31	<0.0094	NR	NR
	05/18/21	<0.31	0.40 J	3.5	1.8 J	<0.23	2.8 J	<0.31	<0.0050	NR	NR
MW-19 DUP	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0092	NR	NR
MW-20	06/12/08	**1,180**	**10,400**	**2,870**	**15,400**	<12	**349**	**12.0 I**	<17	5.07 I	NR
	08/26/08	**1,340**	**17,600**	**4,070**	**23,600**	<7.7	**921**	NR	NR	NR	NR
	03/05/09	**1,200**	**8,400**	**2,160**	**11,380**	<5.0	**613**	NR	NR	NR	NR
	10/13/10	**380**	930	**880**	5,600	<8.0	**140**	<6.0	**0.60**	NR	NR
	07/25/11	**665**	**1,910**	**1,180**	4,640	<6.8	**174**	**10.3 J**	**0.19**	NR	NR
	03/02/12	**325**	788	368	2,030	<3.4	**63.6**	**7.2 J**	<0.0093	NR	NR
	07/18/13	**647**	420	**1,590**	7,020	<11	**98.0 J**	<11	**0.089**	NR	NR
	01/23/14	**426**	441	**943**	4,540	<4.0	**112**	**5.4 J**	**0.12**	NR	NR
	08/29/14	**436**	**1,090**	**1,920**	**12,000**	<10	**244 J**	<12	**0.27**	NR	NR
	12/22/14	**152**	36.4	480	2,250	<2.0	**68.8**	<2.4	**0.15**	NR	NR
	09/30/15	**211**	39.7	681	3,420	<6.0	**99.7 J**	<4.0	**0.073**	NR	NR
	10/09/19	**272**	64.6	**1,440**	4,800	<4.6	**286**	<6.2	<0.0094	NR	NR
	10/12/20	**465**	534	**1,900**	8,030	<5.7	**346**	<7.8	<0.0095	NR	NR
	05/18/21	**87.1**	567	**939**	6,590	<5.7	**222**	<7.8	0.027	NR	NR
MW-20 DUP	07/18/13	**606**	450	**1,760**	8,420	<11	**130 J**	<11	<0.0096	NR	NR
	01/23/14	**457**	342	**846**	3,520	<4.0	**78.5 J**	<4.8	**0.14**	NR	NR
	08/28/14	**432**	**1,090**	**2,040**	**12,600**	<10	**322**	<12	**0.30**	NR	NR
	12/22/14	**173**	45.2	527	2,490	<0.20	**86.4**	2.0	**0.097**	NR	NR
	09/30/15	**7.2**	1.1	23.5	107	<0.30	2.6 J	<0.20	**0.060**	NR	NR
MW-21	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0063	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/28/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		5	1,000	700	10,000	40	25	5	0.05	15	15
MW-22	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/28/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-23	06/12/08	**5.58**	<0.28	<0.31	1.28 I	<0.12	<0.41	<0.12	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	**66.0**	0.27 J	<0.28	2.1 J	<0.20	3.4 J	1.6	<0.0096	NR	NR
	12/22/14	0.53 J	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	**83.7**	<0.80	0.70 J	1.2 J	<0.60	<2.0	<0.40	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/20	<0.31	0.40 J	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	05/18/21	<0.31	<0.30	<0.36	1.0 J	<0.23	<1.0	<0.31	<0.0051	NR	NR
MW-24	06/12/08	**7,150**	**56,000**	**20,500**	**104,000**	<1,000	**4,310**	<120	<170	**489**	NR
	08/26/08	**8,370**	**31,700**	**6,440**	**40,800**	<31	**3,590**	NR	NR	NR	NR
	03/05/09	**5,300**	**14,700**	**1,650**	**10,340**	<500	**502**	NR	NR	NR	NR
	10/13/10	**7,600**	**21,000**	**1,700**	**14,000**	<40	**630**	**370 J**	**220**	NR	NR
	07/25/11	**11,500**	**25,100**	**2,030**	**11,700**	<170	<500	**241 J**	**85.5**	NR	NR
	03/02/12	**3,340**	**5,770**	440	6,330	<34	**281 J**	**31.6 J**	**7.0**	NR	NR
	07/18/13	**2,700**	**5,950**	**756**	7,150	<11	**170 J**	**37.3 J**	**34.9**	NR	NR
	01/23/14	**4,120**	**19,100**	**1,270**	**16,700**	<40	**325 J**	**51.6 J**	**44.1**	NR	NR
	08/29/14	**5,610**	**21,700**	**1,950**	**17,900**	<50	**794 J**	**126 J**	**44.4**	NR	NR
	12/22/14	**1,830**	**5,120**	356	7,090	<1.0	**530 J**	**66.1**	**30.4**	NR	NR
	09/30/15	**4,230**	**12,800**	**870**	**11,800**	<30	**1,290**	**104**	**16.0**	NR	NR
	10/08/19	**2,760**	**10,100**	699	8,310	<46	**276 J**	<62	**0.47**	NR	NR
	10/13/20	**4,180**	**14,900**	**1,550**	**15,700**	<23	**580**	**42.8 J**	**1.8**	NR	NR
	05/18/21	**1,080**	**3,750**	470	7,240	<11	**160 J**	<16	**0.55**	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-24 DUP B	03/02/12	**3,220**	**3,870**	437	5,550	<17	**264**	**28.3 J**	**4.9**	NR	NR
	07/18/13	**3,100**	**11,400**	**809**	9,990	<4.2	**310**	**44.8**	**40.5**	NR	NR
	10/08/19	**2,870**	**10,300**	**724**	9,710	<11	**216 J**	**43.8 J**	**0.43**	NR	NR
	10/13/20	**4,080**	**15,400**	**1,540**	**15,400**	<46	**515 J**	<62	**1.8**	NR	NR
	05/18/21	**1,430**	**4,270**	598	8,270	<23	**245 J**	<31	**0.55**	NR	NR
MW-25	08/26/08	**1,000**	250	**808**	2,680	<1.5	**178**	<1.8	<0.0059	<2.9	**439**
	03/05/09	**108**	108	94.6	225.5	<5.0	13.7	NR	NR	NR	NR
	10/13/10	**22**	2.4 J	16	43	<0.40	2.6 J	<0.30	<0.0061	NR	NR
	07/25/11	**9.8**	0.30J	4.6	6.0	<0.34	1.0J	<0.20	<0.0094	NR	NR
	03/02/12	**645**	952	610	2,100	<3.4	**129**	<2.0	<0.0094	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/28/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/09/19	**115**	0.50 J	112	48.8	<0.23	**40.1**	<0.31	<0.0094	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-26	08/26/08	0.560 JI	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**752**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-27	08/26/08	**620**	902	610	3,040	<1.5	**201**	<1.8	**0.143**	<2.9	**604**
	03/05/09	**978**	691	426	1,496	<25.0	**125**	NR	NR	NR	NR
	10/13/10	**310**	49	140	270	<0.40	24	**9.8**	**0.083**	NR	NR
	07/25/11	**1,320**	145	329	1,020	<6.8	**59.8 J**	<4.0	<0.0096	NR	NR
	03/02/12	**617**	43.2	53.9	209	<0.34	13.6	3.1	<0.0094	NR	NR
	07/18/13	**117**	174	154	473	<0.42	2.5 J	2.1	<0.0095	NR	NR
	01/23/14	**46.5**	97.4	61.5	186	<0.20	1.2 J	0.58 J	<0.0095	NR	NR
	08/28/14	**123**	191	179	524	<1.0	<5.0	2.1 J	<0.0095	NR	NR
	12/22/14	**7.3**	1.0	0.59 J	10.9	<0.20	<1.0	0.50 J	<0.0097	NR	NR
	09/30/15	**99.2**	9.0	56.3	52.2	<0.30	5.6	1.4	<0.0095	NR	NR
	10/09/19	**412**	4.5	75.9	238	<0.46	**36.0**	1.8 J	<0.0094	NR	NR
	10/13/20	**667**	16.1	54.9	451	<1.1	**69.6**	<1.6	<0.0094	NR	NR
	05/18/21	0.75 J	<3.0	<3.6	<7.2	<2.3	<10	<3.1	<0.0050	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		5	1,000	700	10,000	40	25	5	0.05	15	15
MW-28	08/26/08	**409**	19.8 JI	190	654	<0.77	**78.5**	<0.90	<0.0059	<2.9	**553**
	03/05/09	**43.1**	<5.0	16.7	42.1	<5.0	7.4	NR	NR	NR	NR
	10/13/10	4.8 J	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0075	NR	NR
	07/25/11	**5.5**	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	**20.9**	<0.40	2.3	2.9 J	<0.68	<2.0	<0.40	NA	NR	NR
	07/18/13	0.32 J	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	**6.0**	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	1.6	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	09/30/15	**7.2**	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	**28.9**	<0.30	1.2	1.3 J	<0.23	1.1 J	<0.31	<0.0094	NR	NR
	10/13/20	**9.5**	<0.30	8.5	11.3	<0.23	3.3 J	<0.31	<0.0096	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0052	NR	NR
MW-29	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**390**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/12/20	<0.31	1.2	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	05/19/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR
MW-30	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**49.6**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	1.1	<0.20	0.32 J	1.6 J	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	08/29/14	<0.24	0.99 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/19/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR
MW-31	08/26/08	0.512 JI	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**616**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0097	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	05/19/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0052	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
MW-32	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	<0.090	<0.0059	<2.9	**2,270**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0062	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-33	08/26/08	3.01 JI	<0.076	2.76 JI	3.52 JI	<0.077	<0.12	1.47 JI	<0.0059	<2.9	**690**
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR	NR
	05/19/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR
MW-34	03/06/09	**15.0**	<5.0	<5.0	<15.0	<5.0	**45.7**	<5.0	<0.019	NR	NR
	10/13/10	**19**	1.9 J	<1.7	4.5 J	<0.40	**28**	<0.30	<0.0061	NR	NR
	07/28/11	**50.7**	4.7	17.3	12.6	<0.34	**98.0**	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/09/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	1.8 J	<0.31	<0.0096	NR	NR
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-34 DUP	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR	NR
MW-35	03/06/09	<5.0	<5.0	28.8	108.8	<5.0	**30.9**	<5.0	<0.019	NR	NR
	10/13/10	**5.2**	<1.7	110	28	<0.40	**56**	<0.30	<0.0061	NR	NR
	07/28/11	**6.7**	<0.20	1.7	1.4J	<0.34	**33.7**	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	0.46 J	8.1	47.8	<0.20	2.6 J	<0.24	<0.0093	NR	NR
	08/28/14	<0.24	<0.20	1.2	1.5 J	<0.20	8.1	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/13/20	<0.31	<0.30	6.4	14.3	<0.23	4.4 J	<0.31	<0.0096	NR	NR
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-36I	05/19/21	**13.9**	8.5	29.3	117	<0.23	4.5 J	<0.31	<0.0051	NR	NR
MW-37I	05/19/21	0.67 J	4.4	3.6	24	<0.23	<1.0	<0.31	<0.0051	NR	NR
MW-38I	05/19/21	**67.4**	4.3	33.8	97	<0.23	15.2	<0.31	<0.0052	NR	NR
MW-39I	05/19/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0052	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
TW-1	03/07/08	<1.0	3.38	2.54	14.7	<1.0	1.90	<1.0	<0.010	NR	**22.3**
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	<0.17	<2.9	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	0.42 J	<0.20	0.94 J	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	0.85 J	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/19/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
TW-2	03/06/09	<5.0	24.4	7.4	41	<5.0	5.6	<5.0	<0.020	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0096	NR	NR
	05/19/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR
TW-3	03/06/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	<5.0	<0.019	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0059	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/02/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0091	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/19/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0051	NR	NR
RW-1	12/22/14	**37.0**	95.5	3.6 J	1,340	<1.0	**37.6**	<1.2	**0.083**	NR	NR
	05/18/21	**8.6**	52.7	152	842	<1.1	**71.0**	<1.6	<0.0050	NR	NR
RW-2	12/22/14	**33.4**	150	<1.4	1,450	<1.0	**41.8**	<1.2	0.044	NR	NR
	05/18/21	**128**	**1,080**	**1,300**	9,540	<11	**705**	<16	0.020	NR	NR
Field Blank	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	<0.21	0.30 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0093	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	08/28/14	<0.24	0.22 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	10/13/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050	NR	NR
	05/19/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0050	NR	NR
Trip Blank	02/29/12	NR	NR	NR	NR	NR	NR	NR	<0.0095	NR	NR
	03/01/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	NR	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	NR	NR	NR
	01/23/14	<0.24	0.26 J	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0098	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	NR	NR	NR
	10/08/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	NR	NR	NR
	10/12/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	NR	NR	NR
	05/18/21	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	NR	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-1	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**50.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	**66.9**
	03/06/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	**16.6**
	06/12/08	<0.31	0.810 IV	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-2	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	8.0
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	11.3
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0094	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0037	NR	NR
	05/19/21	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NF	NR	NR
WSW-2 DUP	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR
	05/19/21	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NF	NR	NR
WSW-3	09/24/03	<1.0	<1.0	<1.0	<1.0	<1.0	<5.00	NR	<0.02	NR	**20.0**
	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	<5.00
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0092	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-4	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	10.0
	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	0.490 I	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/29/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0093	NR	NR
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-5	08/28/07	<1.00	<1.00	<1.00	<3.00	<1.00	<5.00	NR	NR	NR	6.60
	03/07/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	08/29/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	03/07/08	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<0.010	NR	<10
	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0093	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	07/18/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0095	NR	NR
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6 DUP	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
WSW-7	06/12/08	<0.31	<0.28	<0.31	<1.2	<0.12	<0.41	NR	NR	NR	NR
	08/26/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0060	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0095	NR	NR
	02/29/12	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0096	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0097	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0038	NR	NR
	05/19/21	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NF	NR	NR

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Filtered Lead	Lead
RBSL		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**	**15**
WSW-8	08/25/08	<0.065	<0.076	<0.065	<0.18	<0.077	<0.12	NR	NR	NR	NR
	03/05/09	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NR	NR	NR	NR
	10/13/10	<0.20	<1.7	<1.7	<1.7	<0.40	<1.7	<0.30	<0.0061	NR	NR
	07/25/11	<0.20	<0.20	<0.20	<0.52	<0.34	<1.0	<0.20	<0.0097	NR	NR
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	08/28/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	NR	NR
	12/22/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR	NR
	09/30/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR	NR
	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW Field Blank	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0040	NR	NR
	05/19/21	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NF	NR	NR
WSW Trip Blank	10/08/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NR	NR	NR
	10/13/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NR	NR	NR
	05/19/21	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Notes:

- Analyses for volatile organic compounds by EPA Method 8260B; total & filtered lead by EPA Method 6010B; EDB by Method 8011; results reported in µg/L.
- RBSL: May 2001 Risk Based Screening Level.
- Concentrations in bold face type exceeded the RBSL.
- <: Less than the method detection limit specified in the laboratory report.
- I, J: Estimated value; between the MDL and PQL.
- V: Present in laboratory blank.
- NS: Not sampled, well not accessible or out-of-service (WSW).
- NR: Not requested.
- NF: Not found. Lab "lost" the sample.
- FP: Free Product

TABLE 6
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-1	07/25/11	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	02/29/12	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	07/18/13	30.8 J	<2,000	<2,100	<55	<500	<49	<470	<500
	01/23/14	64.8 J	<760	<4,600	<40	<1,500	<44	<1,800	<810
	08/28/14	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**	**FP**
	12/23/14	4.6 J	<76	<460	<4.0	<150	<4.4	<180	<81
	09/30/15	<20	<1,000	<3,500	<20	<810	<22	<540	<400
	10/08/19	58.0	<500	<4,100	<12	**2,100**	<12	<270	<250
	10/12/20	<6.0	<250	<2,000	<5.9	<130	<6.1	<130	<130
	05/18/21	<12	<500	<4,100	<12	<260	<12	<270	<250
MW-1 DUP A	10/08/19	71.4	<250	<2,000	<5.9	**2,660**	<6.1	<130	<130
	10/12/20	<6.0	<250	<2,000	<5.9	<130	<6.1	<130	<130
	05/18/21	<12	<500	<4,100	<12	<260	<12	<270	<250
MW-2	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-3	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-4	07/25/11	7.0	<25	<25	<0.31	102	<0.39	18.4 J	<5.0
	07/18/13	1.6	<20	<21	<0.55	37.1	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	47.0	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	7.5 J	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	0.45 J	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	12.1	<10	<82	<0.24	**318**	<0.24	10.0 J	<5.0
	10/13/20	0.90 J	<10	<82	<0.24	22.8	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-5	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-6	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-7	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	5/18//21	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 6
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-8	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	5/18//21	NS	NS	NS	NS	NS	NS	NS	NS
MW-9	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	5/18//21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-10	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	5/18//21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-11	07/25/11	1.1	<25	78.6J	<0.31	22.1	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	0.72 J	<3.8	<23	<0.20	23.3	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	0.97 J	<10	<35	<0.20	16.5 J	<0.22	<5.4	<4.0
	10/09/19	0.77 J	<10	<82	<0.24	34.5	<0.24	<5.3	<5.0
	10/12/20	0.90 J	<10	<82	<0.24	42.2	<0.24	<5.3	<5.0
	5/18//21	0.57 J	<10	<82	<0.24	24.8	<0.24	<5.3	<5.0
MW-12	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	5/18//21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-13	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-14	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	5/18//21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-15	07/25/11	14.6	<130	<130	<1.6	**413**	<2.0	<15	<25
	03/02/12	10.8	<25	<25	<0.31	**754**	<0.39	<3.0	<5.0
	07/18/13	2.4	<20	<21	<0.55	76.2	<0.49	<4.7	<5.0
	01/23/14	0.29 J	<3.8	<23	<0.20	11.2 J	<0.22	<8.8	<4.0
	08/29/14	3.8	<3.8	<23	<0.20	147	<0.22	<8.8	<4.0
	12/22/14	3.0	<3.8	<23	<0.20	107	<0.22	12.8 J	<4.0
	09/30/15	6.5	<10	<35	<0.20	231	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	7.8 J	<0.24	<5.3	<5.0
	10/13/20	0.39 J	<10	<82	<0.24	21.5	<0.24	<5.3	<5.0
	5/18//21	0.50 J	<20	<160	<0.47	31.4 J	<0.49	<11	<10

TABLE 6
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-15 DUP	03/02/12	9.6J	<250	<250	<3.1	562	<3.9	<30	<50
	07/18/13	2.8	<20	<21	<0.55	96.3	<0.49	<4.7	<5.0
	01/23/14	0.26 J	<3.8	<23	<0.20	9.2 J	<0.22	<8.8	<4.0
	08/29/14	3.6	<3.8	<23	<0.20	164	<0.22	<8.8	<4.0
	12/22/14	2.1	<3.8	<23	<0.20	68.9	<0.22	9.5 J	<4.0
	09/30/15	5.4	<10	<35	<0.20	174	<0.22	<5.4	<4.0
MW-16	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	5/18//21	NS	NS	NS	NS	NS	NS	NS	NS
MW-17	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	5/18//21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-18	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	5/18//21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-19	07/25/11	1.2	<25	<25	<0.31	27.1	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	0.89 J	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	5/18//21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-19 DUP	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
MW-20	07/25/11	12.1J	<500	<500	<6.2	**454**	<7.8	<60	<100
	03/02/12	9.5J	<250	<250	<3.1	**589**	<3.9	<30	<50
	07/18/13	<13	<1,000	<1,100	<28	**308 J**	<24	<240	<250
	01/23/14	6.0 J	<76	<460	<4.0	<350	<4.4	<180	<81
	08/29/14	<11	<190	<1,200	<10	<370	<11	<440	<200
	12/22/14	<2.3	<38	<230	<2.0	197 J	<2.2	<88	<40
	09/30/15	<4.0	<200	<700	<4.0	<160	<4.4	<110	<80
	10/09/19	<4.8	<200	<1,600	<4.7	185 J	<4.9	<110	<100
	10/12/20	<6.0	<250	<2,000	<5.9	**280 J**	<6.1	<130	<130
	5/18//21	<6.0	<250	<2,000	<5.9	<130	<6.1	<130	<130
MW-20 DUP	07/18/13	<13	<1,000	<1,100	<28	**405 J**	<24	<240	<250
	01/23/14	7.0 J	<76	<460	<4.0	**325 J**	<4.4	<180	<81
	08/28/14	<11	<190	<1,200	<10	<370	<11	<440	<200
	12/22/14	2.4	<3.8	<23	<0.20	218	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-21	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	5/18//21	NS	NS	NS	NS	NS	NS	NS	NS
MW-22	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS

TABLE 6
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-23	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	7.7	<3.8	<23	<0.20	70.6	<0.22	<8.8	<4.0
	12/22/14	0.54 J	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	11.2	<20	<70	<0.40	183	<0.44	<11	<8.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-24	07/25/11	**560**	<13,000	<13,000	<160	**16,200**	<200	<1,500	<2,500
	03/02/12	100	<2,500	<2,500	<31	**3,040**	<39	<300	<500
	07/18/13	83.0	<1,000	<1,100	<28	**1,140**	<24	<240	<250
	01/23/14	111 J	<760	<4,600	<40	<1,500	<44	<1,800	<810
	08/29/14	**185 J**	<950	<5,800	<50	**7,730**	<55	<2,200	<1,000
	12/22/14	121	<19	<120	<1.0	**8,630**	<1.1	81.9 J	<20
	09/30/15	**247**	<1,000	<3,500	<20	**11,600**	<22	<540	<400
	10/08/19	78.1 J	<2,000	<16,000	<47	**4,020**	<49	<1,100	<1,000
	10/13/20	101	<1,000	<8,200	<24	**3,790**	<24	<530	<500
	05/18/21	21.3 J	<500	<4,100	<12	**631 J**	<12	<270	<250
MW-24 DUP B	03/02/12	100	<1,300	<1,300	<16	**3,080**	<20	<150	<250
	07/18/13	101	<400	<420	<11	**1,190**	<9.7	<95	<100
	10/08/19	81.6	<500	<4,100	<12	**4,580**	<12	<270	<250
	10/13/20	102 J	<2,000	<16,000	<47	**3,300 J**	<49	<1,100	<1,000
	05/18/21	28.2 J	<1,000	<8,200	<24	**735 J**	<24	<530	<500
MW-25	07/25/11	<0.35	<25	<25	<0.31	5.1J	<0.39	<3.0	<5.0
	03/02/12	14.3	<250	<250	<3.1	**823**	<3.9	<30	<50
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	NS	NS	NS	NS	NS	NS	NS	NS
	08/28/14	NS	NS	NS	NS	NS	NS	NS	NS
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS
	10/09/19	1.6	<10	<82	<0.24	85.9	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS
MW-26	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	05/18/21	NS	NS	NS	NS	NS	NS	NS	NS
MW-27	07/25/11	95.6	<500	<500	<6.2	**1,410**	<7.8	<60	<100
	03/02/12	90.0	<25	<25	<0.31	**3,150**	<0.39	<3.0	<5.0
	07/18/13	14.1	<40	<42	<1.1	173	<0.97	72.4	<10
	01/23/14	2.8	<3.8	<23	<0.20	154	<0.22	<8.8	<4.0
	08/28/14	7.4	<19	<120	<1.0	96.5 J	<1.1	68.0 J	<20
	12/22/14	6.3	<3.8	<23	<0.20	141	<0.22	28.1	<4.0
	09/30/15	18.7	<10	<35	<0.20	**338**	<0.22	<5.4	<4.0
	10/09/19	46.5	<20	<160	<0.47	**1,070**	<0.49	<11	<10
	10/13/20	57.7	<50	<410	<1.2	**1,470**	<1.2	<27	<25
	05/18/21	<2.4	<100	<820	<2.4	<53	<2.4	<53	<50
MW-28	07/25/11	0.87 J	<25	<25	<0.31	21.7	<0.39	<3.0	<5.0
	03/01/12	2.4	<50	<50	<0.62	122	<0.78	<6.0	<10
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	1.0	<3.8	<23	<0.20	92.2	<0.22	<8.8	<4.0
	12/22/14	0.81 J	<3.8	<23	<0.20	101	<0.22	11.6 J	<4.0
	09/30/15	1.8	<10	<35	<0.20	109	<0.22	<5.4	<4.0
	10/08/19	0.86 J	<10	<82	<0.24	78.5	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	34.7	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-29	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 6
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW-30	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	5.0 J	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-31	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-32	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS
MW-33	03/01/12	0.49 J	<25	<25	<0.31	7.6J	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-34	07/28/11	0.93 J	<25	<25	<0.31	205	<0.39	13.7J	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/09/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS
MW-34 DUP	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
MW-35	07/28/11	<0.35	<25	<25	<0.31	25.8	<0.39	7.2 J	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS
MW-36I	05/19/21	<0.24	<10	<82	<0.24	7.3 J	<0.24	<5.3	<5.0
MW-37I	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-38I	05/19/21	6.0	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW-39I	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
TW-1	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 6
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
TW-2	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
TW-3	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/02/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
RW-1	12/22/14	<1.1	<19	<120	<1.0	<37	<1.1	<44	<20
	05/18/21	<1.2	<50	<410	<1.2	<26	<1.2	<27	<25
RW-2	12/22/14	1.2 J	<19	<120	<1.0	46.5 J	<1.1	<44	<20
	05/18/21	<12	<500	<4,100	<12	<260	<12	<270	<250
Field Blank	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/13/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/19/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
Trip Blank	03/01/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	10/12/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	05/18/21	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
WSW-1	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	NS	NS	NS	NS	NS	NS	NS	NS
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS
WSW-2	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	0.48 J	<2.0
	05/19/21	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<0.40	<2.0
WSW-2 DUP	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	0.48 J	<2.0
	05/19/21	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<0.40	<2.0

TABLE 6
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
LENOIR STORE (UST PERMIT #08825)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (µg/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
WSW-3	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS
WSW-4	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/29/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	NS	NS	NS	NS	NS	NS	NS	NS
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	<0.25	<20	<21	<0.55	<5.0	<0.49	<4.7	<5.0
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/12/20	NS	NS	NS	NS	NS	NS	NS	NS
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6 duplicate	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW-7	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	02/29/12	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	1.8 J	<2.0
	05/19/21	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<0.40	<2.0
WSW-8	07/25/11	<0.35	<25	<25	<0.31	<5.0	<0.39	<3.0	<5.0
	07/18/13	NS	NS	NS	NS	NS	NS	NS	NS
	01/23/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	08/28/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	12/22/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	09/30/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	05/19/21	NS	NS	NS	NS	NS	NS	NS	NS
WSW Field Blank	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/13/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	1.0 J	<2.0
	05/19/21	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<0.40	<2.0
WSW Trip Blank	10/08/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	10/12/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	05/19/21	NF	NF	NF	NF	NF	NF	NF	NF

- Analyses for selected oxygenates by EPA Method 8260B; results reported in µg/l.
- <: Less than the report limit specified in the laboratory report.
- FP: Free product.
- NF: Not found. Lab "lost" the sample.
- NS: Not sampled.

APPENDICES

APPENDIX A

Sumter County Tax Information – Adjoining/Adjacent Property Owners

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Sumter County Map Viewer

1:1200

OBJECTID_1	10707

OBJECTID	5101
SUBD_INDEX	0
PARID	0760001007
DEEDACRE	1.346
LOT_NO	-
ACREAGE	1.35
YEAR	2021
TRAN_DT	20170119
OWNER	ROSS THOMAS
DEEDBK	1229
DEEDPG	2122
PLATBK	PB85
PLATPG	1242
ADDRESS	3205
STREET	HORATIO-HAGOOD RD
MAIL_ADD_1	3205 HORATIO HAGOOD RD
MAIL_ADD_2	
CITY	REMBERT
STATE	SC
ZIP	29128
Shape.STArea()	58614.428345
Shape.STLength()	1060.688646

Parcel Boundaries

OID	5101
PARCEL	0760001007

County

OID	3

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Sumter County Map Viewer

1:1200

OBJECTID_1	6109

OBJECTID	5125
SUBD_INDEX	0
PARID	076000100B
DEEDACRE	1.19
LOT_NO	-
ACREAGE	0
YEAR	2021
TRAN_DT	20161207
OWNER	CROKIE SARAH ELAINE
DEEDBK	1228
DEEDPG	430
PLATBK	PB93
PLATPG	481
ADDRESS	3235
STREET	HORATIO-HAGOOD RD
MAIL_ADD_1	PO BOX 908
MAIL_ADD_2	
CITY	SUMTER
STATE	SC
ZIP	29151
Shape.STArea()	43713.453135
Shape.STLength()	909.479994

Parcel Boundaries

OID	5125
PARCEL	076000100B

County

OID	3

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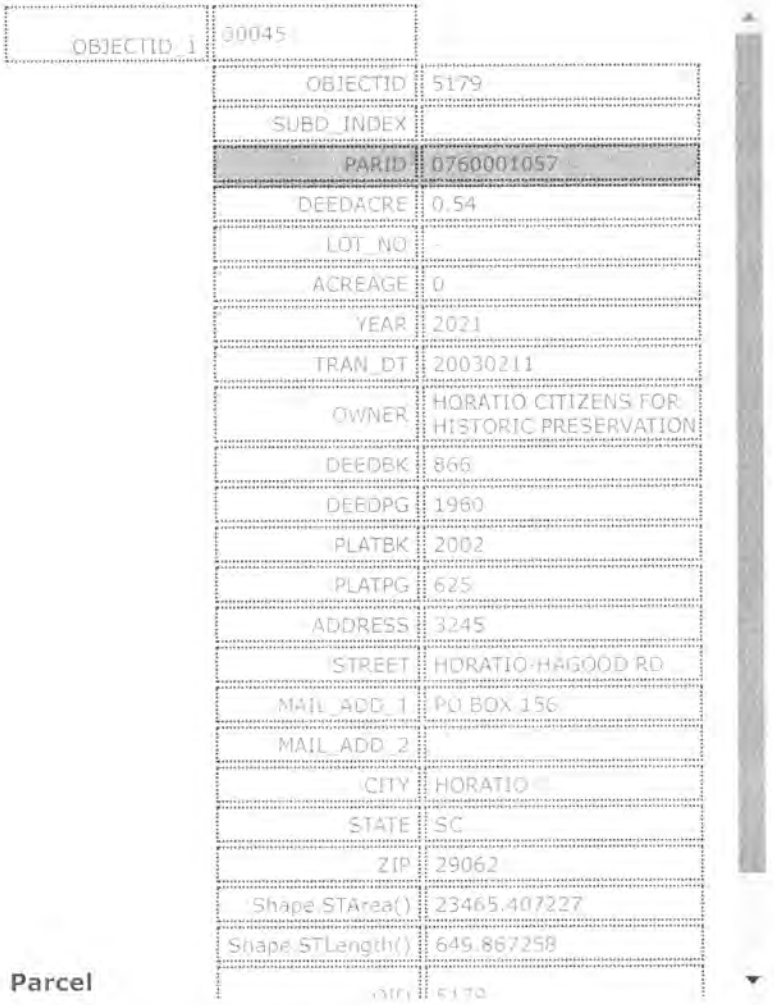
Sumter County Map Viewer

1:1200



OBJECTID_1	30045
OBJECTID	5179
SUBD_INDEX	
PARID	0760001057
DEEDACRE	0.54
LOT_NO	
ACREAGE	0
YEAR	2021
TRAN_DT	20030211
OWNER	HORATIO CITIZENS FOR HISTORIC PRESERVATION
DEEDBK	866
DEEDPG	1960
PLATBK	2002
PLATPG	625
ADDRESS	3245
STREET	HORATIO-HAGOOD RD
MAIL_ADD_1	PO BOX 156
MAIL_ADD_2	
CITY	HORATIO
STATE	SC
ZIP	29062
Shape.STArea()	23465.407227
Shape.STLength()	645.867258
OID	5179

Parcel

Current map tool: Identify

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Sumter County Map Viewer

1:1200

OBJECTID_1	43889
OBJECTID	69993
SUBD_INDEX	0
PARID	0760002001
DEEDACRE	1.2
LOT_NO	A
ACREAGE	1.2
YEAR	2021
TRAN_DT	20160811
OWNER	LENOIR DANIEL B
DEEDBK	1224
DEEDPG	2539
PLATBK	PB90
PLATPG	787
ADDRESS	3220
STREET	HORATIO-HAGOOD RD
MAIL_ADD_1	P O BOX 83
MAIL_ADD_2	
CITY	HORATIO
STATE	SC
ZIP	29162
Shape.STArea()	50959.349609
Shape.STLength()	943.419434
OID	69993

Parcel Boundaries

Current map tool: Identif

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Sumter County Map Viewer

1:1200

Parcels

OBJECTID_1	49654
OBJECTID	5240
SUBD_INDEX	0
PARID	0760002045
DEEDACRE	3.24
LOT_NO	1
ACREAGE	3.24
YEAR	2022
TRAN_DT	20200429
OWNER	LUNOIR DANIEL B
DEEDBK	1284
DEEDPG	2752
PLATBK	745
PLATPG	399
ADDRESS	3855
STREET	CLAREMONT RD
MAIL_ADD_1	P O BOX 83
MAIL_ADD_2	
CITY	HORATIO
STATE	SC
ZIP	29062
Shape.STArea()	1459068.750808
Shape.STLength()	1895.738852
OID	5240

Parcel Boundaries

Current map tool:

0760002049

0 30 60 120 ft

1 inch = 50 feet

Note: Data compiled from Sumter County GIS, Planning and Assessor Offices. This map is a graphic representation and should only be used for illustrative purposes. In no way should this map be used for exact locations.

Author: Sumter County, SC

Date: 6/9/2021

LOT_NO	B
ACREAGE	0
YEAR	2021
TRAN_DT	20160615
OWNER	LENOIR STEVE D
DEEDBK	1222
DEEDPG	2957
PLATBK	90
PLATPG	787
ADDRESS	3240
STREET	HORATIO-HAGOOD RD
MAIL_ADD_1	1555 BARNWELL DR
MAIL_ADD_2	
CITY	SUMTER
STATE	SC
ZIP	29154
Shape.STArea()	29165.937988
Shape.STLength()	798.755849
OID	69996
PARCEL	0760002049
OID	3

Parcel Boundaries

County

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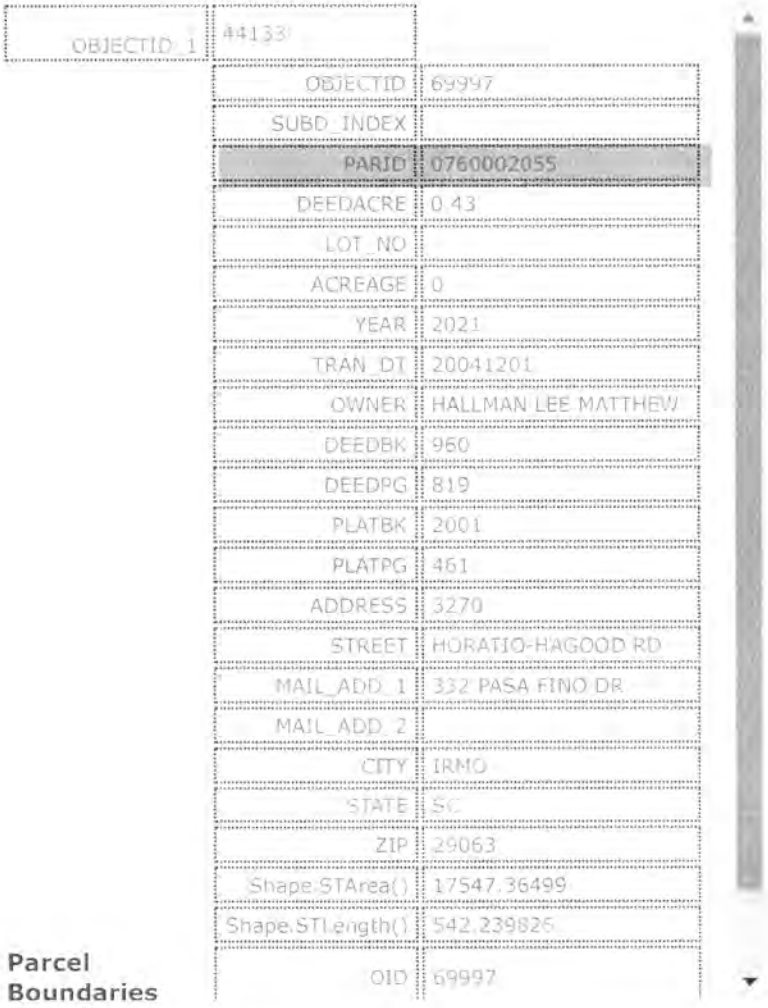
Sumter County Map Viewer



OBJECTID_1	44133
OBJECTID	69997
SUBD_INDEX	
PARID	0760002055
DEEDACRE	0.43
LOT_NO	
ACREAGE	0
YEAR	2021
TRAN_DT	20041201
OWNER	HALLMAN LEE MATTHEW
DEEDBK	960
DEEDPG	819
PLATBK	2001
PLATPG	461
ADDRESS	3270
STREET	HORATIO-HAGOOD RD
MAIL_ADD_1	332 PASA FINO DR
MAIL_ADD_2	
CITY	IRMO
STATE	SC
ZIP	29063
Shape.STArea()	17547.36499
Shape.STLength()	542.239826
OID	69997

Parcel Boundaries

Current map tool: Identify

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Sumter County Map Viewer

1:600

OBJECTID_1	44134
OBJECTID	5166
SUBD_INDEX	0
PARID	0760002056
DEEDACRE	0.68
LOT_NO	2 & 4
ACREAGE	0
YEAR	2021
TRAN_DT	20100216
OWNER	LENOIR DANIEL B
DEEDBK	1134
DEEDPG	3962
PLATBK	2009
PLATPG	290
ADDRESS	3250
STREET	HORATIO-HAGOOD RD
MAIL_ADD_1	P O BOX 83
MAIL_ADD_2	
CITY	HORATIO
STATE	SC
ZIP	29162
Shape.STArea()	30204.533891
Shape.STLength()	1054.743056
OID	5166

Parcel Boundaries

Current map tool: Ident

APPENDIX B

Subsurface Logs/Abandonment Records – Soil Borings

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-1 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 20 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/29/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/29/21
_____ ft. Date Completed: 03/29/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface:
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A B C D (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-1	Date Drilled	03/29/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 20', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
				0.0 - 4.0'	Brown Sandy CLAY (cleared 1-4' with hand auger)
0					
2					
		3-4	0.0		
4		4-5	0.0	4.0 - 6.0'	Tan/Red Sandy CLAY
		5-6	40.8		Wet @ 5.0 - 7.0'
6		6-7	53.1	6.0 - 7.0'	Gray Sandy CLAY
		7-8	1,740.0	7.0 - 8.0'	Gray/Red CLAY
8		8-9	877.2	8.0 - 10.0'	Gray/Orange Sandy CLAY
		9-10	41.7		
10		10-11	9.4	10.0 - 14.0'	Gray SAND w/Gravel
		11-12	7.7		
12		12-13	9.0		
		13-14	12.4		
14		14-15	15.6	14.0 - 15.0'	Gray Sandy CLAY
		15-16	5.0	15.0 - 18.0'	Tan SAND w/Gravel
16		16-17	0.2		
		17-18	0.3		
18		18-19	0.0	18.0 - 20.0'	Orange SAND w/Gravel
		19-20	0.0		
20				Boring terminated @ 20.0'	
22					
24					
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-2 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 25 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/29/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/29/21
____ ft. Date Completed: 03/29/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above/Below
Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface
NA ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: ____ Amount: ____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ (Well Driller) Date: 04/1/2021

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-2	Date Drilled	03/29/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 25', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
0				0.0 - 6.0'	Brown/Tan Sandy CLAY (cleared 1-4' with hand auger)
2					
		3-4	0.5		
4		4-5	1.4		
		5-6	1.6	5.0 - 11.0'	Gray/Red CLAY
6		6-7	6.5		Wet @ 6.0 - 8.0'
		7-8	1.3		
8		8-9	0.6		
		9-10	0.4		
10		10-11	4.2		
		11-12	3.0	11.0 - 12.0'	Gray CLAY
12		12-13	5.3	12.0 - 13.0'	Tan/Orange Sandy SILT
		13-14	2.7	13.0 - 16.0'	Gray SAND w/Gravel
14		14-15	8.0		
		15-16	0.6		
16		16-17	0.0	16.0 - 18.0'	Orange SAND w/Gravel
		17-18	0.0		
18		18-19	0.0	18.0 - 20.0'	Gray SAND w/Gravel
		19-20	0.0		
20		20-21	0.0	20.0 - 21.0'	Orange SAND w/Gravel
		21-22	0.0	21.0 - 22.0'	Gray Sand w/Gravel
22				22.0 - 25.0'	Fine flowing SAND; no recovery (sands flow out of Macro-Core tube during retrieval)
24					
				Boring terminated @ 25.0'	
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-3 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
NA

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 25 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/29/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/29/21
_____ ft. Date Completed: 03/29/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-3	Date Drilled	03/29/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 25', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
				0.0 - 5.0'	Brown/Tan CLAY (cleared 1-4' with hand auger)
0					
2					
		3-4	0.4		
4		4-5	0.9		
		5-6	52.8	5.0 - 11.0'	Gray/Red CLAY
6		6-7	140.0		Wet @ 6.0 - 8.0'
		7-8	137.4		
8		8-9	28.3		
		9-10	17.2		
10		10-11	14.6		
		11-12	202.1	11.0 - 12.0'	Gray/Tan Sandy SILT
12		12-13	355.1	12.0 - 13.0'	Tan/Orange Sandy SILT
		13-14	273.5	13.0 - 18.0'	Gray SAND w/Gravel
14		14-15	71.9		
		15-16	24.3		
16		16-17	19.8		
		17-18	6.4		
18		18-19	2.3	18.0 - 20.0'	Orange SAND w/Gravel
		19-20	0.7		
20		20-21	0.4	20.0 - 21.0'	Orange/Gray SAND
				21.0 - 25.0'	Fine flowing SAND; no recovery (sands flow out of Macro-Core tube during retrieval)
22					
24					
				Boring terminated @ 25.0'	
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-4 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 25 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/29/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/29/21
_____ ft. Date Completed: 03/29/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface:
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-4	Date Drilled	03/29/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 25', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
				0.0 - 4.0'	Brown/Tan CLAY (cleared 1-4' with hand auger)
0					
2					
		3-4	0.3		
4		4-5	0.5	4.0 - 11.0'	Gray/Red CLAY
		5-6	67.6		
6		6-7	143.0		Wet @ 6.0 - 8.0'
		7-8	121.2		
8		8-9	34.0		
		9-10	25.9		
10		10-11	5.7		
		11-12	188.6	11.0 - 12.0'	Gray/Tan Sandy SILT
12		12-13	266.2	12.0 - 14.0'	Orange/Tan Sandy SILT
		13-14	297.8		
14		14-15	44.0	14.0 - 18.0'	Gray SAND w/Gravel
		15-16	11.2		
16		16-17	9.0		
		17-18	3.9		
18		18-19	1.6	18.0 - 19.0	Orange SAND w/Gravel
		19-20	1.2	19.0 - 20.0	Lt. Gray SAND w/Gravel
20		20-21	0.7	20.0 - 22.0	Orange SAND w/Gravel
		21-22	0.5		
22		22-23	0.5	22.0 - 23.0'	Orange/Gray SAND
				23.0 - 25.0'	Fine flowing SAND; no recovery (sands flow out of Macro-Core tube during retrieval)
24					
				Boring terminated @ 25.0'	
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-5 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
NA

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 25 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/29/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/29/21
_____ ft. Date Completed: 03/29/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✓ B ✓ C ✓ D ✓ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-5	Date Drilled	03/29/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 25', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
				0.0 - 4.0'	Brown/Tan Sandy CLAY (cleared 1-4' with hand auger)
0					
2					
		3-4	0.2		
4		4-5	0.1	4.0 - 11.0'	Gray/Red CLAY
		5-6	0.4		
6		6-7	16.4		Wet @ 6.0 - 8.0'
		7-8	89.0		
8		8-9	8.2		
		9-10	3.9		
10		10-11	217.7		
		11-12	593.1	11.0 - 12.0'	Gray/Tan Sandy SILT
12		12-13	245.6	12.0 - 14.0'	Orange Sandy SILT
		13-14	178.4		
14		14-15	630.5	14.0 - 20.0'	Gray SAND w/Gravel
		15-16	51.8		
16		16-17	6.3		
		17-18	2.9		
18		18-19	2.8		
		19-20	1.9		
20		20-21	2.2	20.0 - 22.0	Orange SAND w/Gravel
		21-22	2.0		
22				22.0 - 25.0'	Fine flowing SAND; no recovery (sands flow out of Macro-Core tube during retrieval)
24					
				Boring terminated @ 25.0'	
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-6 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 25 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/30/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/30/21
____ ft. Date Completed: 03/30/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above/Below Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: ____ Amount: ____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✓ B ✓ C ✓ D ✓ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-6	Date Drilled	03/30/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 25', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
				0.0 - 4.0'	Brown/Tan Sandy CLAY (cleared 1-4' with hand auger)
0					
2					
		3-4	0.0		
4		4-5	0.2	4.0 - 5.0'	Orange/Tan Sandy CLAY
		5-6	0.3	5.0 - 7.0'	Red/Gray CLAY
6		6-7	19.8		Wet @ 6.0 - 8.0'
		7-8	102.2	7.0 - 10.0'	Gray CLAY
8		8-9	10.8		
		9-10	4.6		
10		10-11	254.1	10.0 - 12.0'	Orange Sandy SILT
		11-12	617.2		
12		12-13	171.4	12.0 - 13.0'	Gray/Orange SAND w/Gravel
		13-14	149.5	13.0 - 17.0'	Gray SAND w/Gravel
14		14-15	1,006		
		15-16	18.6		
16		16-17	4.1		
		17-18	2.8	17.0 - 19.0'	Orange SAND w/Gravel
18		18-19	1.7		
		19-20	2.7	19.0 - 20.0'	Lt. Gray CLAY
20		20-21	3.5	20.0 - 21.0	Lt. Gray Fine SAND
				21.0 - 25.0'	Fine flowing SAND; no recovery (sands flow out of Macro-Core tube during retrieval)
22					
24					
				Boring terminated @ 25.0'	
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-7 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 25 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/30/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/30/21
____ ft. Date Completed: 03/30/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above/Below Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: ____ Amount: ____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name.

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-7	Date Drilled	03/30/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 25', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
				0.0 - 4.0'	Brown/Tan Sandy SILT (cleared 1-4' with hand auger)
0					
2					
		3-4	1,389		
4		4-5	281.1	4.0 - 6.0'	Tan/Red Sandy CLAY
		5-6	640.1		
6		6-7	500.0	6.0 - 10.0'	Gray/Red CLAY; Wet @ 6.0 - 8.0'
		7-8	182.5		
8		8-9	15.8		
		9-10	12.3		
10		10-11	744.9	10.0 - 11.0'	Gray Sandy CLAY
		11-12	291.4	11.0 - 13.0'	Orange Sandy SILT
12		12-13	77.6		
		13-14	70.1	13.0 - 16.0'	Brown/Tan SAND w/Gravel
14		14-15	78.0		
		15-16	124.3		
16		16-17	4.1	16.0 - 19.0'	Lt. Gray SAND w/Gravel
		17-18	2.7		
18		18-19	1.9		
		19-20	1.6	19.0 - 20.0'	Gray/Orange SAND w/Gravel
20				20.0 - 25.0'	Fine flowing SAND; no recovery (sands flow out of Macro-Core tube during retrieval)
22					
24					
				Boring terminated @ 25.0'	
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-8 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 25 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/30/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/30/21
_____ ft. Date Completed: 03/30/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-8	Date Drilled	03/30/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 25', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
				0.0 - 4.0'	Brown/Tan Sandy SILT (cleared 1-4' with hand auger)
0					
2					
		3-4	1,011.6		
4		4-5	253.4	4.0 - 7.0'	Tan/Red Sandy CLAY
		5-6	572.0		
6		6-7	409.7		Wet @ 6.0 - 8.0'
		7-8	104.7	7.0 - 10.0'	Gray/Red CLAY
8		8-9	10.2		
		9-10	10.3		
10		10-11	687.9	10.0 - 12.0'	Gray Sandy CLAY
		11-12	231.5		
12		12-13	69.1	12.0 - 13.0'	Orange Sandy SILT
		13-14	108.6	13.0 - 16.0'	Brown/Tan SAND w/Gravel
14		14-15	113.7		
		15-16	119.0		
16		16-17	3.8	16.0 - 19.0'	Lt. Gray SAND w/Gravel
		17-18	2.2		
18		18-19	2.0		
		19-20	1.7	19.0 - 20.0'	Gray/Orange SAND w/Gravel
20				20.0 - 25.0'	Fine flowing SAND; no recovery (sands flow out of Macro-Core tube during retrieval)
22					
24					
				Boring terminated @ 25.0'	
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-9 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
NA

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 20 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/30/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/30/21
____ ft. Date Completed: 03/30/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above/Below Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: ____ Amount: ____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✓ B ✓ C ✓ D ✓ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-9	Date Drilled	03/30/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 20', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
0				0.0 - 4.0'	Red/Tan Sandy SILT (cleared 1-4' with hand auger)
2					
		3-4	1.4		
4		4-5	2.3	4.0 - 5.0'	Tan/Red Sandy CLAY
		5-6	28.9	5.0 - 8.0'	Red/Tan CLAY
6		6-7	215.6		Wet @ 6.0 - 8.0'
		7-8	178.9		
8		8-9	9.9	8.0 - 10.0'	Gray/Red CLAY
		9-10	6.0		
10		10-11	509.1	10.0 - 11.0'	Gray/Red Sandy SILT
		11-12	925.5	11.0 - 12.0'	Brown/Tan Sandy SILT
12		12-13	79.0	12.0 - 13.0'	Tan/Orange Sandy SILT
		13-14	38.3	13.0 - 15.0'	Gray/Brown SAND w/Gravel
14		14-15	20.8		
		15-16	3.6	15.0 - 19.0'	Lt. Gray SAND w/Gravel
16		16-17	2.8		
		17-18	2.0		
18		18-19	1.8		
		19-20	1.6	19.0 - 20.0'	Orange SAND w/Gravel
20				Macro-Core Advancement Refusal at 20.0'	
				Boring terminated @ 20.0'	
22					
24					
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-10 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
NA

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 20 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/30/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/30/21
_____ ft. Date Completed: 03/30/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✓ B ✓ C ✓ D ✓ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-10	Date Drilled	03/30/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 20', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
0				0.0 - 4.0'	Red/Tan Sandy SILT (cleared 1-4' with hand auger)
2					
		3-4	1.2		
4		4-5	2.6	4.0 - 5.0'	Tan/Red Sandy CLAY
		5-6	29.6	5.0 - 7.0'	Red/Tan CLAY
6		6-7	212.9		Wet @ 6.0 - 8.0'
		7-8	188.1	7.0 - 10.0'	Gray/Red CLAY
8		8-9	11.4		
		9-10	5.3		
10		10-11	520.3	10.0 - 11.0'	Gray/Red Sandy SILT
		11-12	915.8	11.0 - 13.0'	Tan/Orange Sandy SILT
12		12-13	76.7		
		13-14	41.8	13.0 - 16.0'	Gray/Brown SAND w/Gravel
14		14-15	23.9		
		15-16	4.0		
16		16-17	2.6	16.0 - 19.0'	Lt. Gray SAND w/Gravel
		17-18	2.1		
18		18-19	1.7		
		19-20	1.4	19.0 - 20.0'	Orange SAND w/Gravel
20				Macro-Core Advancement Refusal at 20.0'	
				Boring terminated @ 20.0'	
22					
24					
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-11 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
NA

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 21 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/30/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/30/21
____ ft. Date Completed: 03/30/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above/Below Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface
NA ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: ____ Amount: ____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✓ B ✓ C ✓ D ✓ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-11	Date Drilled	03/30/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 21', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
				0.0 - 4.0'	Red/Tan Sandy SILT (cleared 1-4' with hand auger)
0					
2					
		3-4	1.5		
4		4-5	2.0	4.0 - 5.0'	Tan/Red Sandy CLAY
		5-6	24.3	5.0 - 8.0'	Red/Tan CLAY
6		6-7	196.7		Wet @ 6.0 - 8.0'
		7-8	172.8		
8		8-9	8.3	8.0 - 10.0'	Gray/Red CLAY
		9-10	5.0		
10		10-11	481.2	10.0 - 12.0'	Gray/Red Sandy SILT
		11-12	863.1		
12		12-13	70.4	12.0 - 13.0'	Tan/Orange Sandy SILT
		13-14	35.7	13.0 - 15.0'	Gray/Orange SAND w/Gravel
14		14-15	17.5		
		15-16	2.8	15.0 - 19.0'	Lt. Gray SAND w/Gravel
16		16-17	2.1		
		17-18	1.7		
18		18-19	1.8		
		19-20	1.2	19.0 - 21.0'	Orange SAND w/Gravel
20		20-21	1.0		
					Macro-Core Advancement Refusal at 21.0'
22					Boring terminated @ 21.0'
24					
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-12 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 20 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/30/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/30/21
____ ft. Date Completed: 03/30/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: ____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
____ in. to ____ ft. depth
____ in. to ____ ft. depth
Height: Above/Below Surface ____ ft.
Weight ____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: ____ Diam.: ____
Slot/Gauge: ____ Length: ____
Set Between: ____ ft. and ____ ft.
____ ft. and ____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL ____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface
NA ft. after ____ hrs. Pumping ____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: ____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from ____ ft. to ____ ft.
Effective size ____ Uniformity Coefficient ____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other ____
Depth: From ____ ft. to ____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: ____ Amount: ____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: ____ Model No.: ____
H.P. ____ Volts ____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✓ B ✓ C ✓ D ✓ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: ____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-12	Date Drilled	03/30/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 20', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
				0.0 - 5.0'	Orange/Tan Sandy CLAY (cleared 1-4' with hand auger)
0					
2					
		3-4	0.5		
4		4-5	0.2		
		5-6	0.2	5.0 - 8.0'	Red/Tan CLAY
6		6-7	0.8		Wet @ 6.0 - 8.0'
		7-8	15.5		
8		8-9	292.1	8.0 - 10.0'	Gray/Red CLAY
		9-10	261.4		
10		10-11	611.0	10.0 - 12.0'	Gray Sandy CLAY
		11-12	36.8		
12		12-13	15.0	12.0 - 14.0'	Gray/Brown Sandy SILT
		13-14	9.8		
14		14-15	4.7	14.0 - 16.0'	Brown/Tan SAND w/Gravel
		15-16	2.1		
16		16-17	2.7	16.0 - 19.0'	Lt. Gray SAND w/Gravel
		17-18	1.5		
18		18-19	1.3		
		19-20	0.4	19.0 - 20.0'	Orange SAND w/Gravel
20				Macro-Core Advancement Refusal at 20.0'	
				Boring terminated @ 20.0'	
22					
24					
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-13 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
NA

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 20 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/30/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/30/21
_____ ft. Date Completed: 03/30/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☑ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-13	Date Drilled	03/30/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 20', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
0				0.0 - 5.0'	Orange/Tan Sandy CLAY (cleared 1-4' with hand auger)
2					
		3-4	1.4		
4		4-5	0.9		
		5-6	0.9	5.0 - 8.0'	Red/Gray CLAY
6		6-7	0.8		Wet @ 6.0 - 8.0'
		7-8	21.4		
8		8-9	121.0	8.0 - 9.0'	Gray/Red CLAY
		9-10	790.2	9.0 - 10.0'	Lt. Gray Sandy CLAY
10		10-11	655.3	10.0 - 12.0'	Orange Sandy SILT
		11-12	706.5		
12		12-13	375.4	12.0 - 13.0'	Tan/Gray Sandy SILT
		13-14	210.1	13.0 - 15.0'	Lt. Gray SAND w/Gravel
14		14-15	94.3		
		15-16	7.7	15.0 - 19.0'	Orange SAND w/Gravel
16		16-17	1.3		
		17-18	1.4		
18		18-19	1.1		
		19-20	0.9	19.0 - 20.0'	Orange/Tan SAND w/Gravel
20				Macro-Core Advancement Refusal at 20.0'	
				Boring terminated @ 20.0'	
22					
24					
26					

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: SB-14 **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 0 ft. to 25 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Direct Push (see boring logs)		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Boring abandoned upon sample collection on 03/30/2021.

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☑ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 03/30/21
_____ ft. Date Completed: 03/30/21

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☐ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☑ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 04/1/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	SB-14	Date Drilled	03/30/21
Sample Method	Grab	Drilling Method	Geoprobe w/Macro-Core Sampler
Completion Details	Boring installed to 25', abandoned with bentonite pellets		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth	Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
0				0.0 - 4.0'	Brown/Tan Sandy CLAY (cleared 1-4' with hand auger)
2		3-4	0.2		
4		4-5	0.6	4.0 - 5.0'	Red/Tan CLAY
		5-6	0.1	5.0 - 9.0'	Red/Gray CLAY
6		6-7	0.3		Wet @ 6.0 - 8.0'
		7-8	0.3		
8		8-9	0.1		
		9-10	0.4	9.0 - 10.0'	Gray/Red CLAY
10		10-11	0.6	10.0 - 12.0'	Gray/Orange Sandy SILT
		11-12	0.4		
12		12-13	0.5	12.0 - 15.0'	Gray/Orange SAND w/Gravel
		13-14	0.4		
14		14-15	0.3		
		15-16	0.3	15.0 - 18.0'	Orange SAND w.Gravel
16		16-17	0.2		
		17-18	0.5		
18		18-19	0.4	18.0 - 19.0'	Tan SAND w/Gravel
		19-20	0.2	19.0 - 20.0'	Orange SAND w/Gravel
20				20.0 - 25.0'	Fine flowing SAND; no recovery (sands flow out of Macro-Core tube during retrieval)
22					
24					
				Boring terminated @ 25.0'	
26					

APPENDIX C

Site Specific Work Plan

Geological Resources, Inc.

January 26, 2021

Mr. Tom Knight
South Carolina Department of Health
And Environmental Control
Underground Storage Tank Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Re: GRI Proposal No. 20-024
Site Specific Work Plan
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
UST Permit No. 08825
GRI Project No. 2001

Dear Mr. Knight:

Attached is a Site Specific Work Plan for approved ACQAP and the associated Assessment Component Cost Agreement for the above referenced site in Horatio, Sumter County, South Carolina. A receptor survey will be conducted since the previous survey was completed during Tier I activities in 2003, and at that time municipal water was available to some properties in the area. Additional soil and ground water assessment is proposed.

Please contact me at (704) 845-4010 or by e-mail at wsb@geologicalresourcesinc.com if you have questions or comments concerning this matter.

Sincerely,

W. Scott Ball

W. Scott Ball
Senior Project Manager

JOHN M. BROWN REGISTERED No. 1116 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License #1116

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Tom Knight (SCDHEC Project Manager)
From: Scott Ball (Contractor Project Manager)
Contractor: Geological Resources, Inc. UST Contractor Certification Number: 74

Facility Name: Lenoir Store UST Permit #: 08825
Facility Address: 3240 Horatio Hagood Road, Horatio, Sumter County, SC
Responsible Party: Carrie Lenoir c/o Steve Lenoir Phone: (843) 499-4023
RP Address: 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina, 29062-0156
Property Owner (if different): NA
Property Owner Address:
Current Use of Property: Commercial - Country Store and US Post Office

Scope of Work (Please check all that apply)

- ☐ IGWA
- ☐ Tier I
- ☐ Tier II
- ☑ Monitoring Well Installation
- ☑ Groundwater Sampling
- ☑ Other Soil Assessment
- ☐ GAC

Analyses (Please check all that apply)

Groundwater/Surface Water:

- ☑ BTEXNMDCA (8260D)
- ☑ Oxygenates (8260D)
- ☑ EDB (8011)
- ☐ PAH (8270E)
- ☐ Lead
- ☐ 8 RCRA Metals
- ☐ TPH
- ☐ pH
- ☐ BOD
- ☐ Nitrate
- ☐ Sulfate
- ☐ Other
- ☐ Methane
- ☐ Ethanol
- ☐ Dissolved Iron

Drinking Water Supply Wells:

- ☑ BTEXNMDCA (524.2)
- ☑ Oxygenates & Ethanol (8260D)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☑ EDB (504.1)

Soil:

- ☐ BTEXNM
- ☐ Lead
- ☐ RCRA Metals
- ☐ PAH
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☑ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

6	Soil	3	Water Supply Wells		Air	4	Field Blank
47	Monitoring Wells		Surface Water	3	Duplicate	2	Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
# of shallow points proposed: 10 Estimated Footage: 30 feet per point
# of deep points proposed: Estimated Footage: feet per point
Field Screening Methodology: Install 10 soil borings (soil profile) in the area of the former UST basin and dispenser island. Screen soils at 1' intervals with PID.

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.
# of shallow wells: 4 Estimated Footage: 25 feet per point
# of deep wells: Estimated Footage: feet per point
# of recovery wells: 3 Estimated Footage: 15 feet per point
Comments, if warranted: Deep Type III monitoring wells installed in the general vicinity of existing monitoring wells MW-20, MW-24, MW-27 and MW-25. Each to 25' completed with 5' screen. Soils will be screened at 1' intervals with PID during the installation of the wells. Wells to be ID'd as MW-36 through MW-39. Install 4" recovery wells in the areas of MW-20, MW-24 & MW-27.

UST Permit #: 08825 Facility Name: Lenoir Store

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 20 days from approval of SSWP Field Work Completion: 25 days from approval of SSWP

Report Submittal: 60 days from approval of SSWP # of Copies Provided to Property Owners: 3

Aquifer Characterization

Pump Test: ☐ Slug Test: ☑ (Check one and provide explanation below for choice)

Conduct slug tests on 2 of the 4 newly installed Type III monitoring wells

Investigation Derived Waste Disposal

Soil: 4 Tons Purge Water: 400 Gallons

Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.

Sample monitoring wells MW-1 through MW-39, TW-1 to TW-3, RW-1 to RW-5 and water supply wells WSW-2, WSW-7 & WSW-8. All ground water samples collected from monitoring wells will be submitted for analyses of BTEX, MTBE, naphthalene, 1,2-DCA and 8 oxygenates by Method 8260 and EDB by Method 8011. Only the newly installed monitoring wells and monitoring wells with buried screens will be purged prior to sample collection. Water supply well samples will be submitted for 524.2, 8260 and 504.1 analyses. Two monitoring well and one water supply samples will be duplicated. The appropriate trip blanks and field blanks will be collected/submitted. Grain size samples will be collected from the screened interval of each newly installed Type III well. A receptor survey will be conducted. Grain size samples will be collected and slug tests conducted in new (2) and existing (2) wells.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____

SCDHEC Certification Number: _____

Name of Laboratory Director: _____

Yes Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

Name of Well Driller: _____

SCLLR Certification Number: _____

No Other variations from ACQAP. Please describe below.

Attachments

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
   - North Arrow
   - Location of property lines
   - Location of buildings
   - Previous soil sampling locations
   - Previous monitoring well locations
   - Proposed soil boring locations
   - Proposed monitoring well locations
   - Legend with facility name and address, UST permit number, and bar scale
   - Streets or highways (indicate names and numbers)
   - Location of all present and former ASTs and USTs
   - Location of all potential receptors
3. Assessment Component Cost Agreement, SCDHEC Form D-3664

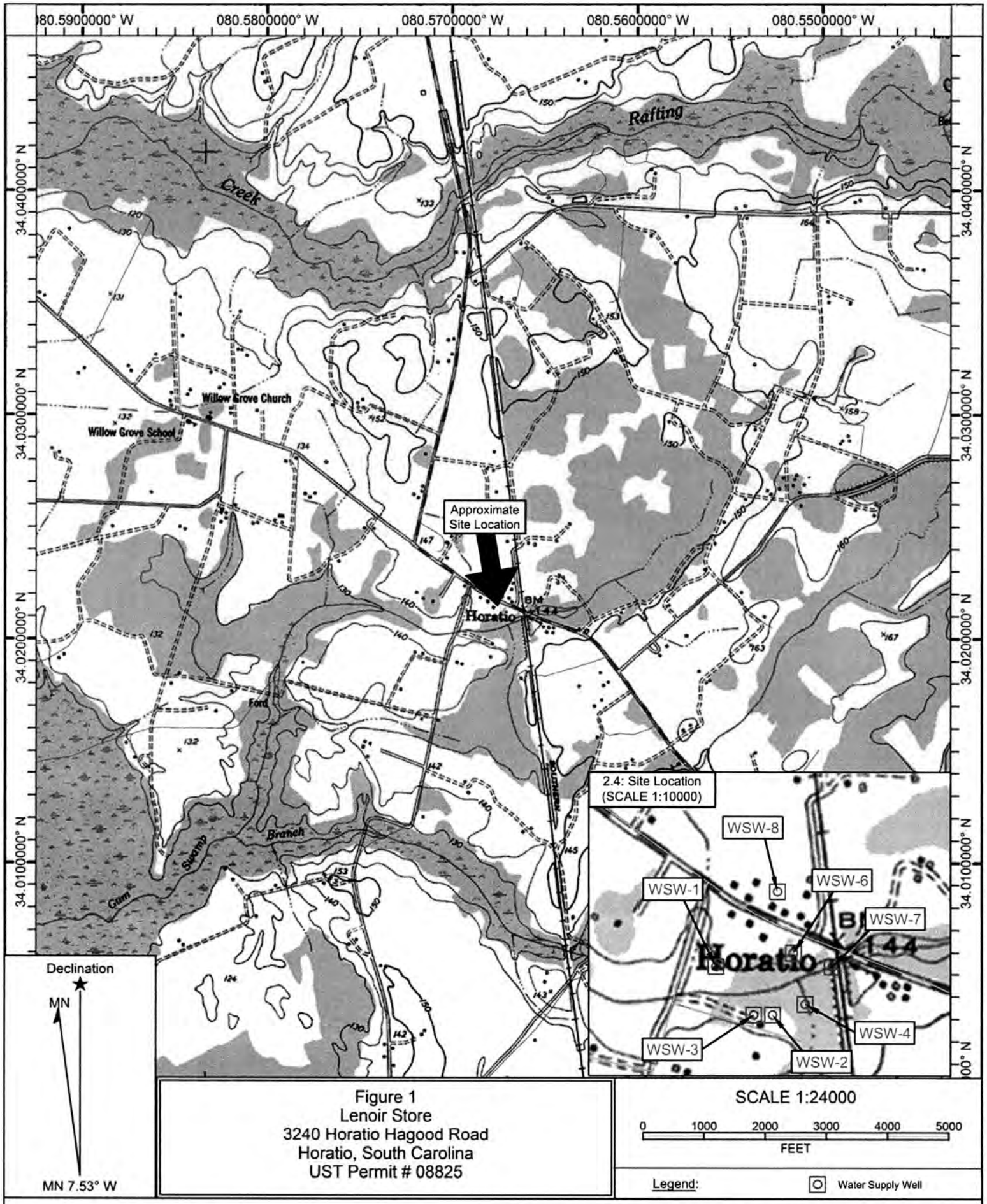


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

SCALE 1:24000

0 1000 2000 3000 4000 5000
FEET

Legend: Water Supply Well

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.

LEGEND

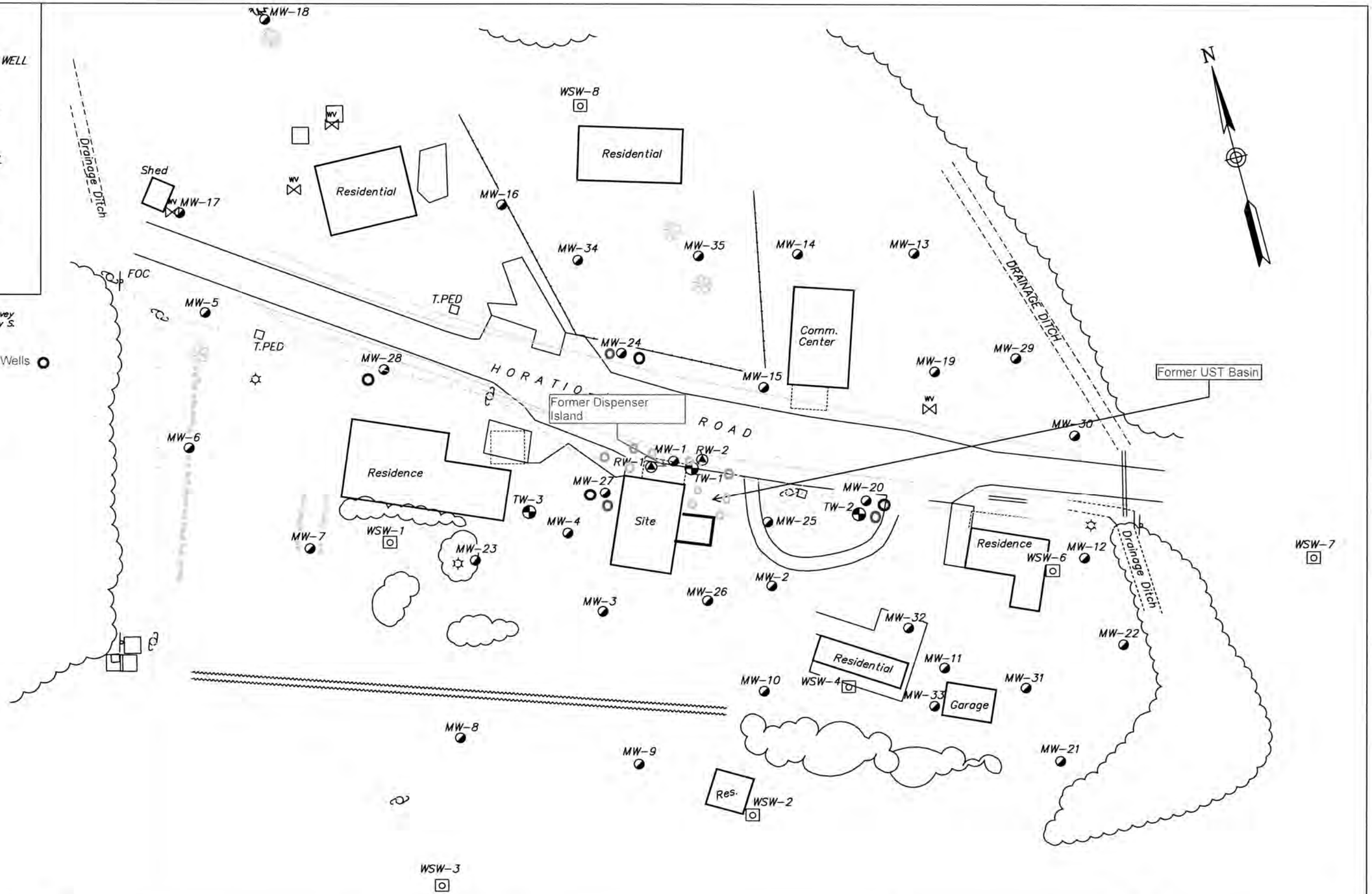
- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Jay S. Joshi of Columbia, SC.

Proposed Deep Type III Monitoring Wells

Proposed Soil Borings

Proposed Recovery Wells



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

SITE MAP

Lenoir Store — 3240 Horatio Hagood Road

Horatio, Sumter County, SC — UST Permit # 08825

Date:	10/19/15	Drawn by:	ECH	Figure:	2

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- POWER LINE
- T.PED — TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

52.9	BENZENE
641	TOLUENE
535	ETHYLBENZENE
711	NAPHTHALENE
<7.8	1,2-DCA
0.049	EDB

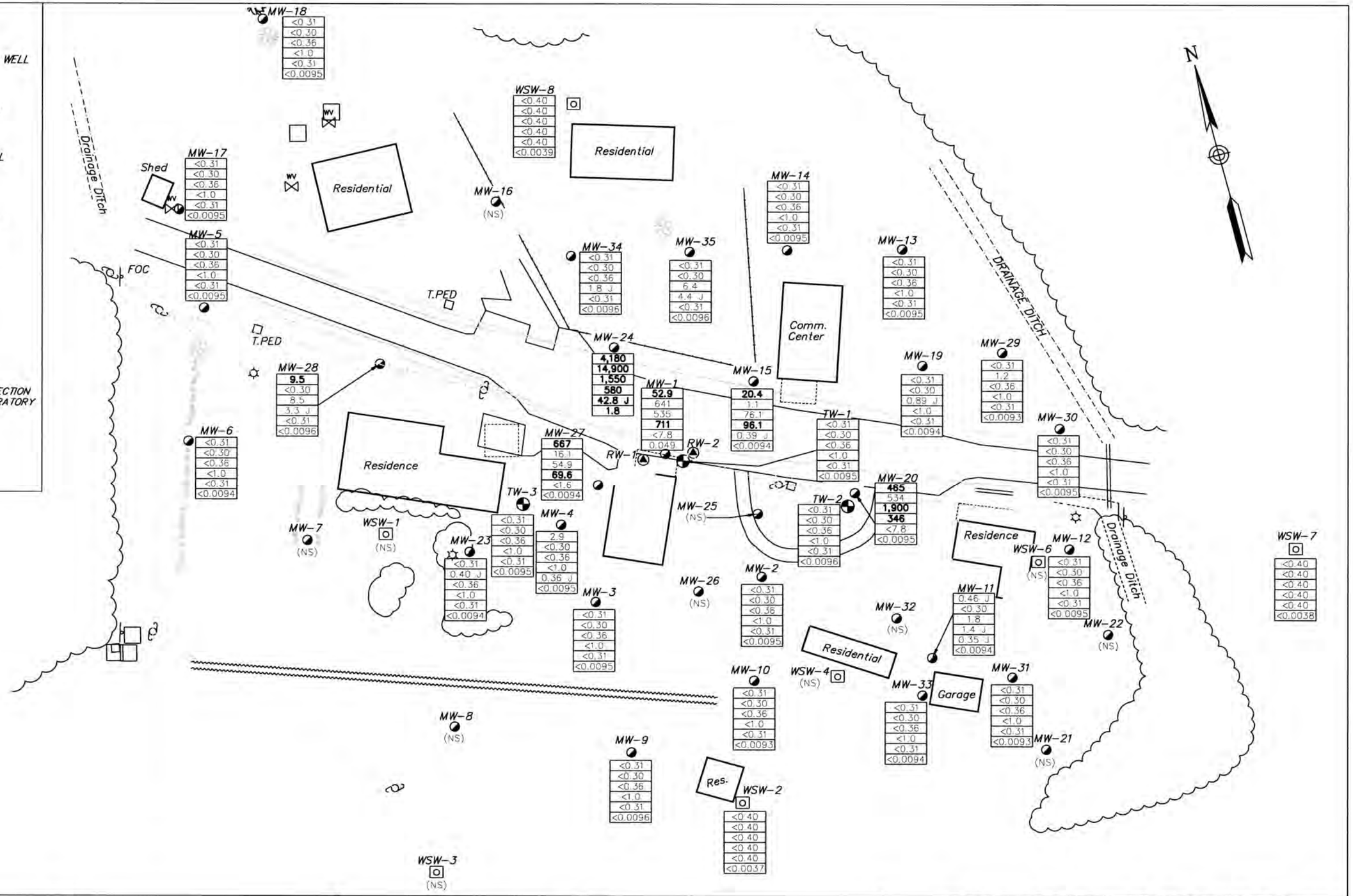
CONCENTRATIONS IN µg/L

<20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

(NS) NOT SAMPLED

(NF) NOT FOUND



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

GROUND WATER QUALITY MAP (10/12/20) & (10/13/20)

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, Sumter County, SC

Date: 11/08/2020 | Drawn by: DTH | Figure: 4

dhec
Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: Lenoir Store

UST Permit #: 08825 **Cost Agreement #:** _____ GRI Proposal 20-024

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
A. **Plan Preparation**				
1. Site-specific Work Plan	1	each	$160.05	$160.05
2. Tax Map		each	$74.69	$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00	$0.00
B. **Receptor Survey** *	1	each	$587.92	$587.92
C. **Survey (500 ft x 500 ft)**				
1. Comprehensive Survey		each	$1,109.68	$0.00
Subsurface Geophysical Survey				
2. < 10 meters below grade		each	$1,387.10	$0.00
3. > 10 meters below grade		each	$2,464.77	$0.00
4. Geophysical UST or Drum Survey		each	$970.97	$0.00
D. **Mob/Demob**				
1. Equipment	1	each	$1,088.34	$1,088.34
2. Personnel	4	each	$451.34	$1,805.36
3. Adverse Terrain Vehicle		each	$533.50	$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34	$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***				
1. Standard	300	per foot	$16.01	$4,803.00
2. Fractured Rock		per foot	$21.55	$0.00
G. **Soil Leachability Model**		each	$64.02	$0.00
H. **Abandonment (per foot)***				
1. 2" diameter or less	300	per foot	$3.31	$993.00
2. Greater than 2" to 6" diameter		per foot	$4.80	$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00	$0.00
I. **Well Installation (per foot)***				
1. Water Table (hand augered)		per foot	$11.31	$0.00
2. Water Table (drill rig) 2" Diameter	100	per foot	$40.55	$4,055.00
3. Telescoping		per foot	$53.35	$0.00
4. Rock Drilling		per foot	$61.89	$0.00
5. 2" Rock Coring		per foot	$32.97	$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64	$0.00
7. Recovery Well (4" diameter)	45	per foot	$48.02	$2,160.90
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01	$0.00
9. Rotosonic (2" diameter)		per foot	$46.95	$0.00
10. Re-develop Existing Well		per foot	$11.74	$0.00

J. **Groundwater Sample Collection / Gauge Depth to Water or Product ***					
1. Groundwater Purge	6	per well	$64.02		$384.12
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate	4	sample	$23.47		$93.88
4. Groundwater No Purge or Duplicate or Grab	43	sample	$29.88		$1,284.84
5. Gauge Well only		sample	$7.47		$0.00
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank	4	sample	$26.25		$105.00
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank		sample	$26.25		$0.00
K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	53	per sample	$130.17		$6,899.01
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011	52	per sample	$48.23		$2,507.96
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)	6	per sample	$132.36		$794.16
15. 7-OXYGENATES & ETHANOL (8260B)	6	per sample	$97.90		$587.40
16. EDB (504.1)	5	per sample	$84.83		$424.15
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. **Analyses-Soil**					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer	6	per sample	$110.97		$665.82
24. Total Organic Carbon		per sample	$32.65		$0.00
K. **Analyses-Air**					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. **Analyses-Free Phase Product**					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. **Aquifer Characterization***					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test	4	per test	$203.80		$815.20
3. Fractured Rock		per test	$106.70		$0.00

M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***	1	each	$260.00		$260.00
Q. **Disposal (gallons or tons)***					
1. Wastewater	400	gallon	$0.60		$240.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal	4	ton	$64.02		$256.08
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00

X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00
6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*		each	$53.35		$0.00
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*		each	$125.91		$0.00
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock		each	$16.00		$0.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*		each	$160.05		$0.00
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$30,971.19		$3,716.54
TOTAL					$34,687.73

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary

APPENDIX D

Well Construction Records/Subsurface Logs

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	MW-36I	Date Drilled	05/17/21
Sample Method	Grab	Drilling Method	Solid Stem Augers (6" OD)
Completion Details	Well installed (20'), 5' screen, 15' riser, flush mounted		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth			Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
0						0.0 - 1.0'	Topsoil
						1.0 - 4.0'	Brown Sandy CLAY
2							
4						4.0 - 5.0'	Tan/Red Sandy CLAY
						5.0 - 10.0'	Gray/Orange Sandy CLAY, wet
6							
8							
10						10.0 - 20.0'	Tan/Gray SAND & GRAVEL, wet
12							
14							
						15.0 - 20.0'	Grain size sample collected
16							
18							
20							Boring terminated and well set at 20'
22							
24							
26							

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: MW-36I **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Top Soil/Gravel	1.0	1.0
Brown Sandy CLAY	3.0	4.0
Tan/Red Sandy CLAY	1.0	5.0
Gray/Orange Sandy CLAY, wet	5.0	10.0
Tan/Gray SAND & GRAVEL, wet	10.0	20.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)	5.0	20.0

5. REMARKS:
MW-36I
Bentonite 12-14'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20 ft. Date Started: 05/17/2021 Date Completed: 05/17/2021

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 15 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below ✔
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5
Set Between: 15 ft. and 20 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 6.10 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 14 ft. to 20 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.25 ft. to 12 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Samuel Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 05/17/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	MW-37I	Date Drilled	05/17/21
Sample Method	Grab	Drilling Method	Solid Stem Augers (6" OD)
Completion Details	Well installed (20'), 5' screen, 15' riser, flush mounted		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth			Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
0						0.0 - 1.0'	Topsoil
						1.0 - 7.0'	Brown/Red Sandy CLAY
2							
4							
6						7.0 - 12.0'	Gray/Brown CLAY, wet
8							
10							
12						12.0 - 13.0'	Gray/Tan Sandy CLAY
						13.0 - 20.0'	Orange/Tan SAND & GRAVEL, wet
14							
						15.0 - 20.0'	Grain size sample collected
16							
18							
20							Boring terminated and well set at 20'
22							
24							
26							

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: MW-37I **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Top Soil/Gravel	1.0	1.0
Brown/Red Sandy CLAY	6.0	7.0
Gray/Brown CLAY, wet	5.0	12.0
Gray/Tan Sandy CLAY, wet	1.0	13.0
Orange/Tan/SAND & GRAVEL	7.0	20.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)	7.0	20.0

5. REMARKS:
MW-37I
Bentonite 12-14'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20 ft. Date Started: 05/17/2021 Date Completed: 05/17/2021

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 15 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below ✔
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5
Set Between: 15 ft. and 20 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 6.60 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 14 ft. to 20 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.25 ft. to 12 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Samuel Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Well Driller Date: 05/17/2021

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	MW-38I	Date Drilled	05/17/21
Sample Method	Grab	Drilling Method	Solid Stem Augers (6" OD)
Completion Details	Well installed (20'), 5' screen, 15' riser, flush mounted		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth			Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
0						0.0 - 1.0'	Topsoil
						1.0 - 5.0'	Orange/Tan Sandy CLAY
2							
4						5.0 - 8.0'	Tan/Red CLAY, wet
6							
8						8.0 - 14.0'	Gray/Red CLAY, wet
10							
12							
14						14.0 - 20.0'	Tan/Gray SAND & GRAVEL,wet
						15.0 - 20.0'	Grain size sample collected
16							
18							
20							Boring terminated and well set at 20'
22							
24							
26							

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: MW-38I **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Top Soil/Gravel	1.0	1.0
Orange/Tan Sandy CLAY	4.0	5.0
Tan/Red CLAY, wet	3.0	8.0
Gray/Red CLAY, wet	6.0	14.0
Tan/Gray SAND & GRAVEL	6.0	20.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)	3.0	20.0

5. REMARKS:
MW-38I
Bentonite 12-14'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20 ft. Date Started: 05/17/2021 Date Completed: 05/17/2021

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 15 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below ✔
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5
Set Between: 15 ft. and 20 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 6.87 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 14 ft. to 20 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.25 ft. to 12 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Samuel Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 05/17/2021
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110

Phone: **(704) 845-4010**
Fax: **(704) 845-4012**

SUBSURFACE LOG

Project	Lenoir Store		
Address	3240 Horatio Hagood Road, Horatio, Sumter County, SC		
Boring Number	MW-39I	Date Drilled	05/17/21
Sample Method	Grab	Drilling Method	Solid Stem Augers (6" OD)
Completion Details	Well installed (20'), 5' screen, 15' riser, flush mounted		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Kyle Perry, GRI

Depth			Lab Sample	Sample Interval(ft)	PID ppm	Depth (feet)	LITHOLOGY
0						0.0 - 1.0'	Topsoil
						1.0 - 10.0'	Red/Gray CLAY; wet @ 10'
2							
4							
6							
8							
10						10.0 - 12.0'	Orange/Gray Sandy CLAY, wet
12						12.0 - 20.0'	Tan/Orange SAND & GRAVEL, wet
14							
						15.0 - 20.0'	Grain size sample collected
16							
18							
20							Boring terminated and well set at 20'
22							
24							
26							

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Carrie B. Lenoir/Lenoir Store (last) (first)
Address: 3240 Horatio Hagood Road
City: Horatio State: SC Zip: 29063-0156
Telephone: Work: (803) 499-4717 Home:

2. LOCATION OF WELL: MW-39I **COUNTY:** Sumter
Name: Lenoir Store
Street Address: 3240 Horatio Hagood Road
City: Horatio Zip: 29063-0156
Latitude: 34.0216209 N Longitude: -80.5678072 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Top Soil/Gravel	1.0	1.0
Red/Gray CLAY	5.0	6.0
Red/Gray CLAY, wet	4.0	10.0
Orange/Gray Sandy CLAY, wet	2.0	12.0
Tan/Orange SAND & GRAVEL	8.0	20.0
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)	6.0	20.0

5. REMARKS:
MW-39I
Bentonite 12-14'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: Site ID #08825; UMW-28334

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20 ft. Date Started: 05/17/2021 Date Completed: 05/17/2021

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 15 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below ✔
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5
Set Between: 15 ft. and 20 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 7.17 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface:
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 14 ft. to 20 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.25 ft. to 12 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity _____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Samuel Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A ✔ B ✔ C ✔ D ✔ (circle one)
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 05/17/2021
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Lenoir Store | Site ID#: 08825

Date: 05/17/2021 | Field Personnel: Kyle Peery, DJ Johnson

Drilling Company: Geological Resources, Inc. | Driller's Name: Sam Bowers

Driller's Certification Number: 1737-B | Weather Conditions: Sunny ~80°

Well Development Method

Surge Block ○ | Submersible Pump ⊗ | Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter YSI 556 serial no. 18B100638 pH=4.0 ✓ pH=7.0 ✓ pH=10.0 ✓

Conductivity meter YSI 556 serial no. 11 standard ✓

Temperature meter YSI 556 serial no. 11

Turbidity meter Hach 2100Q serial no. 16030C048860 NTU=0.0 ✓ NTU=1.0 ✓ NTU=10.0 ✓

Drilling Method

Hollow Stem Augers ○ | Solid Flight Augers ⊗ | Direct Push ○

Air Rotary ○ | Mud Rotary ○ | Sonic ○

Monitoring Well ID# MW-36I | Well Casing Diameter 2 inches | Borehole Diameter 6 inches

Depth to Ground Water (DGW) 5.95 ft. | Screen Length/Slot Size 5 ft./ .010 in.

Total Well Depth (TWD) 19.58 ft. | Screen Interval 20 ft. to 15 ft.

Length of water column (LWC=TWD-DGW) 13.63 ft. | Type of Drilling Fluids used:

Total Gallons of Water Removed: 6.75 gals. | Drilling Fluids recovered ~~6.75~~ KP gals.

Time (military)	~~14~~ KP 1658	1703	1710	1716			
pH (s.u.)*	7.08	6.25	5.80	5.79			
Specific Conductivity (mmhos/cm)*	104.0	87.0	88.0	84.0			
Water Temperature (C)*	27.17	21.36	21.03	20.11			
Turbidity (NTU) *	1000+	1000+	1000+	528.4			
Physical Characteristics (color/odor)	muddy/ odor	cloudy/	cloudy/ odor	cloudy/ odor			
Water Level Measurement (ft) from TOC	5.95	"	"	"			
Total Well Depth (ft) from TOC	19.58	"	"	"			
Cumulative Gallons Removed	.25 gals	2.25 gals	4.50 gals	6.75 gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process:

Driller Signature: [signature] Date: 05/17/2021

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Lenoir Store | Site ID#: 08825

Date: 05/17/2021 | Field Personnel: Kyle Perry, DJ Johnson

Drilling Company: Geological Resources, Inc. | Driller's Name: Sam Bowers

Driller's Certification Number: 1737-B | Weather Conditions: Sunny - 80°

Well Development Method

Surge Block ○ | Submersible Pump ⊗ | Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter YSI 556	Conductivity meter YSI 556	Temperature meter YSI 556	Turbidity meter Hach 2100Q
serial no. 18B100638	serial no. 11	serial no. 11	serial no. 16030C048860
pH=4.0 ✓	standard ✓		NTU=0.0 ✓
pH=7.0 ✓			NTU=1.0 ✓
pH=10.0 ✓			NTU=10.0 ✓

Drilling Method

Hollow Stem Augers ○ | Solid Flight Augers ⊗ | Direct Push ○

Air Rotary ○ | Mud Rotary ○ | Sonic ○

Monitoring Well ID# MW-3I | Well Casing Diameter 2 inches | Borehole Diameter 6 inches

Depth to Ground Water (DGW) 6.51 ft. | Screen Length/Slot Size 5 ft./ .010 in.

Total Well Depth (TWD) 19.75 ft. | Screen Interval 20 ft. to 15 ft.

Length of water column (LWC=TWD-DGW) 13.24 ft. | Type of Drilling Fluids used:

Total Gallons of Water Removed: 3.0 gals. | Drilling Fluids recovered gals.

Time (military)	1723	1728					
pH (s.u.)*	5.97	6.02					
Specific Conductivity (mmhos/cm)*	70.0	82.0					
Water Temperature (C)*	21.57	~~21~~ 20.31					
Turbidity (NTU) *	1000+	1000+					
Physical Characteristics (color/odor)	muddy	cloudy					
Water Level Measurement (ft) from TOC	6.51	"	"	"			
Total Well Depth (ft) from TOC	19.75	"	"	"			
Cumulative Gallons Removed	.25 gals	2.0 gals	4.0 gals	6.0 gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process:

Dry @ 3.0 gal. Limited volume.

Driller Signature: [signature] Date: 05/17/2021

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Linair Store | Site ID#: 08825

Date: 05/17/2021 | Field Personnel: Kyle P. / DJ J.

Drilling Company: Geological Resources, Inc. | Driller's Name: Sam Bowers

Driller's Certification Number: 1737-B | Weather Conditions: Sunny - 80°

Well Development Method

Surge Block ○ | Submersible Pump ⊗ | Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter YSI 556	Conductivity meter YSI 556	Temperature meter YSI 556	Turbidity meter Hach 2100Q
serial no. 11B100638	serial no. 11	serial no. 11	serial no. 16030C048860
pH=4.0 ✓	standard ✓		NTU=0.0 ✓
pH=7.0 ✓			NTU=1.0 ✓
pH=10.0 ✓			NTU=10.0 ✓

Drilling Method

Hollow Stem Augers ○ | Solid Flight Augers ⊗ | Direct Push ○

Air Rotary ○ | Mud Rotary ○ | Sonic ○

Monitoring Well ID# MW-38I | Well Casing Diameter 2 inches | Borehole Diameter 6 inches

Depth to Ground Water (DGW) 7.13 ft. | Screen Length/Slot Size 5 ft./ .010 in.

Total Well Depth (TWD) 19.79 ft. | Screen Interval 20 ft. to 15 ft.

Length of water column (LWC=TWD-DGW) 12.66 ft. | Type of Drilling Fluids used:

Total Gallons of Water Removed: 2.50 gals. | Drilling Fluids recovered gals.

Time (military)	1737	1745					
pH (s.u.)*	5.59	5.63					
Specific Conductivity (mmhos/cm)*	75.0	93.0					
Water Temperature (C)*	21.55	21.05					
Turbidity (NTU) *	1000+	1000+					
Physical Characteristics (color/odor)	muddy / odor	Cloudy/odor					
Water Level Measurement (ft) from TOC	7.13	11	11	11			
Total Well Depth (ft) from TOC	19.79	11	11	11			
Cumulative Gallons Removed	.25 gals	2.0 gals	4.0 gals	6.0 gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process:

Dry @ 2.50 gal. Limited Volume.

Driller Signature: [signature] Date: 05/17/2021

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Lenoir Store | Site ID#: 08825

Date: 05/17/2021 | Field Personnel: Kyle P., DJ J.

Drilling Company: Geological Resources, Inc. | Driller's Name: Sam Bowers

Driller's Certification Number: 1737-B | Weather Conditions: Sunny - 80°

Well Development Method

Surge Block ○ | Submersible Pump ⊗ | Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter YSI 556	Conductivity meter YSI 556	Temperature meter YSI 556	Turbidity meter Hach 2100Q
serial no. 18B100638	serial no. "	serial no. "	serial no. 16030C048860
pH=4.0 ✓	standard ✓		NTU=0.0 ✓
pH=7.0 ✓			NTU=1.0 ✓
pH=10.0 ✓			NTU=10.0 ✓

Drilling Method

Hollow Stem Augers ○ | Solid Flight Augers ⊗ | Direct Push ○

Air Rotary ○ | Mud Rotary ○ | Sonic ○

Monitoring Well ID# MW-39I | Well Casing Diameter 2" inches | Borehole Diameter 6 inches

Depth to Ground Water (DGW) 7.06 ft. | Screen Length/Slot Size 5 ft./ .010 in.

Total Well Depth (TWD) 19.66 ft. | Screen Interval 20 ft. to 15 ft.

Length of water column (LWC=TWD-DGW) 12.60 ft. | Type of Drilling Fluids used:

Total Gallons of Water Removed: 6.0 gals. | Drilling Fluids recovered gals.

Time (military)	1754	1759	1807	1812			
pH (s.u.)*	5.55	5.74	5.61	5.48			
Specific Conductivity (mmhos/cm)*	48.0	47.0	45.0	44.0			
Water Temperature (C)*	21.58	19.81	20.35	20.24			
Turbidity (NTU) *	1000+	1000+	1000+	1000+			
Physical Characteristics (color/odor)	muddy	muddy	cloudy	cloudy			
Water Level Measurement (ft) from TOC	7.06	"	"	"			
Total Well Depth (ft) from TOC	19.66	"	"	"			
Cumulative Gallons Removed	.75 gals	2.0 gals	4.0 gals	6.0 gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process:

Driller Signature: [signature] Date: 05/17/2021

Appendix E
Disposal Manifest

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 910-640-2607	4. Waste Tracking Number W210628W#1

5. Generator's Name and Mailing Address: Former Lenoir Store, 3240 Horatio Hagood Road, Horatio, SC 29062
Generator's Phone: (704) 845-4010
Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: Hazmat Emergency Response & Remediation — U.S. EPA ID Number: NCR000319816

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Hazmat Emergency Response & Remediation Inc., 303 South Maultsby Street, Whiteville, NC 28472 — U.S. EPA ID Number: NCR000319816
Facility's Phone: (910) 640-2607

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON D.O.T., Regulated Material, (Soil)	3	DM	1000	P	0.5 T
2.	NON D.O.T., Regulated Material, (Purge Water)	1	DM	322	P	34 GAL
3.						
4.						

13. Special Handling Instructions and Additional Information

1.) 3 X 55DM
2.) 1 X 55DM
HERR Job# W210628-W

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste
Generator's/Offeror's Printed/Typed Name: W. Scott Ball for Lenoir Store — Signature: W Scott Ball — Month 5 Day 24 Year 21

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Chris Pridgen — Signature: Chris Pridgen — Month 5 Day 25 Year 21
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Williams Myles — Signature — Month 5 Day 25 Year 21

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

APPENDIX F

Laboratory Analytical Report – Grain Size Analyses

GRAIN SIZE ANALYSIS ASTM D 422

Project: Lenoir Store

Sample Location: MW-36I

Sample Depth: 15' - 20'

Sieve Data			
Particle Size	**% Finer**	**% Retained**	**Description**
1"	100.0	0.0	Gravel
3/4"	100.0	0.0	
3/8"	100.0	0.0	
#4	98.1	1.9	Coarse Sand
#8	86.4	11.7	
#10	83.1	3.3	Medium Sand
#16	75.9	7.2	
#30	63.4	12.5	
#50	41.1	22.3	Fine Sand
#100	25.3	15.8	
#200	22.3	3.0	

Hydrometer Data			
Particle Size	**% Finer**	**% Retained**	**Description**
0.03	19.0	3.3	Silt
0.005	16.0	3.0	
0.0015	15.0	1.0	Clay

Input values from grain size analyses.

Results

Size	**Total %**
Gravel	0.00
Coarse Sand	13.60
Medium Sand	23.00
Fine Sand	41.10
Silt	7.30
Clay	15.00
Total %	100.00

Size	**Total %**
GRAVEL	0.00
SAND	77.70
SILT	7.30
CLAY	15.00
Total %	100.00

GRAIN SIZE ANALYSIS ASTM D 422

Project: Lenoir Store

Sample Location: MW-37I

Sample Depth: 15 - 20'

Sieve Data			
Particle Size	**% Finer**	**% Retained**	**Description**
1"	100.0	0.0	Gravel
3/4"	100.0	0.0	
3/8"	100.0	0.0	
#4	95.6	4.4	Coarse Sand
#8	82.5	13.1	
#10	79.6	2.9	Medium Sand
#16	75.2	4.4	
#30	63.2	12.0	
#50	38.6	24.6	Fine Sand
#100	26.1	12.5	
#200	23.4	2.7	

Hydrometer Data			
Particle Size	**% Finer**	**% Retained**	**Description**
0.03	18.0	5.4	Silt
0.005	15.0	3.0	
0.0015	12.0	3.0	Clay

Input values from grain size analyses.

Results

Size	**Total %**
Gravel	0.00
Coarse Sand	17.50
Medium Sand	19.30
Fine Sand	39.80
Silt	11.40
Clay	12.00
Total %	100.00

Size	**Total %**
GRAVEL	0.00
SAND	76.60
SILT	11.40
CLAY	12.00
Total %	100.00

GRAIN SIZE ANALYSIS ASTM D 422

Project: Lenoir Store

Sample Location: MW-38I

Sample Depth: 15' - 20'

Sieve Data			
Particle Size	**% Finer**	**% Retained**	**Description**
1"	100.0	0.0	Gravel
3/4"	100.0	0.0	
3/8"	90.3	9.7	
#4	83.3	7.0	Coarse Sand
#8	72.3	11.0	
#10	69.4	2.9	Medium Sand
#16	60.7	8.7	
#30	50.4	10.3	
#50	35.9	14.5	Fine Sand
#100	22.8	13.1	
#200	19.7	3.1	

Hydrometer Data			
Particle Size	**% Finer**	**% Retained**	**Description**
0.03	16.0	3.7	Silt
0.005	13.0	3.0	
0.0015	10.0	3.0	Clay

Input values from grain size analyses.

Results

Size	**Total %**
Gravel	9.70
Coarse Sand	18.00
Medium Sand	21.90
Fine Sand	30.70
Silt	9.70
Clay	10.00
Total %	100.00

Size	**Total %**
GRAVEL	9.70
SAND	70.60
SILT	9.70
CLAY	10.00
Total %	100.00

GRAIN SIZE ANALYSIS ASTM D 422

Project: Lenoir Store

Sample Location: MW-39I

Sample Depth: 15' - 20'

Sieve Data			
Particle Size	**% Finer**	**% Retained**	**Description**
1"	100.0	0.0	Gravel
3/4"	100.0	0.0	
3/8"	98.7	1.3	
#4	85.1	13.6	Coarse Sand
#8	73.2	11.9	
#10	70.6	2.6	Medium Sand
#16	61.3	9.3	
#30	48.3	13.0	
#50	38.2	10.1	Fine Sand
#100	24.9	13.3	
#200	21.6	3.3	

Hydrometer Data			
Particle Size	**% Finer**	**% Retained**	**Description**
0.03	17.0	4.6	Silt
0.005	14.0	3.0	
0.0015	13.0	1.0	Clay

Input values from grain size analyses.

Results

Size	**Total %**
Gravel	1.30
Coarse Sand	25.50
Medium Sand	24.90
Fine Sand	26.70
Silt	8.60
Clay	13.00
Total %	100.00

Size	**Total %**
GRAVEL	1.30
SAND	77.10
SILT	8.60
CLAY	13.00
Total %	100.00

SGS ACCUTEST

PRODUCT: GRAINS
HYDROMETER TESTING SUMMARY
METHOD: ASTM D422-63

GN BATCH:	GN18885
ANALYST:	LM
DATE:	6/9/2021

	Temp. in deg. C	152H reading	152H Correction
Control Sample	20	5	-5
Control Sample	24	4	-4

Slope = 0.25
Intercept = -10

Sample ID	Start Time	Time Interval in min	Temp in deg. C	Sample Uncorrected Hydrometer	Sample Corrected Hydrometer	K (from Table 3)	L (from Table 2)	Particle Diameter	Specific Gravity of Soil	a (from Table 1)	% of soil in suspension
FA85745-45		2	22	16	11.5	0.01357	13.7	0.0355	2.59	1.01	19.03
		5	22	16	11.5	0.01357	13.7	0.0225	2.59	1.01	19.03
Oven Dry wt. used		15	22	15	10.5	0.01357	13.8	0.0130	2.59	1.01	17.38
50.78		30	22	14	9.5	0.01357	14	0.0093	2.59	1.01	15.72
% through 10 sieve		60	22	14	9.5	0.01357	14	0.0066	2.59	1.01	15.72
83.07		250	22	14	9.5	0.01357	14	0.0032	2.59	1.01	15.72
		1440	22	13	8.5	0.01357	14.2	0.0013	2.59	1.01	14.07

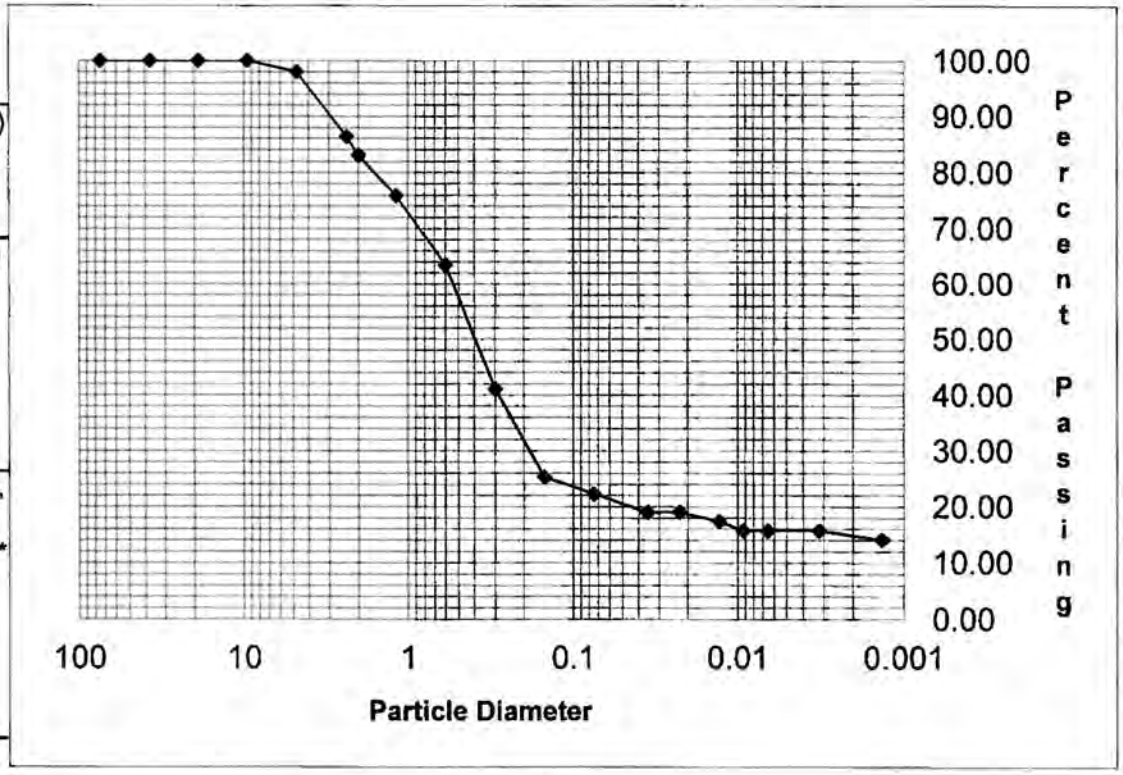
SGS ACCUTEST

PRODUCT: GRAINS
HYDROMETER TESTING SUMMARY
METHOD: ASTM D422-63

GN BATCH:	GN18885	
ANALYST:	LM	
DATE:	6/9/2021	1/0/1900

Sample ID: FA85745-45

Sieve ID	Particle Size	% Passing	
No. 3	75	100.00	Gravel(a)
No. 1.5	37.5	100.00	
No. 3/4	19	100.00	1.95
No. 3/8	9.5	100.00	
No. 4	4.75	98.05	Sand (b)
No. 8	2.36	86.41	
No. 10	2	83.07	
No. 16	1.18	75.88	75.76
No.30	0.6	63.44	
No. 50	0.3	41.06	
No. 100	0.15	25.29	
No. 200	0.075	22.29	Silt, Clay,
Hydrometer	0.0355	19.03	and
Hydrometer	0.0225	19.03	Colloids**
Hydrometer	0.0130	17.38	
Hydrometer	0.0093	15.72	22.29
Hydrometer	0.0066	15.72	
Hydrometer	0.0032	15.72	
Hydrometer	0.0013	14.07	



Gravel - passing No.3 and retained on No.4
Sand - passing No.4 and retained on No. 200
**Silt = 0.074 to 0.005 mm
**Clay = smaller than 0.005 mm
**Colloids = smaller than 0.001 mm

0.030 mm = _____ % Passing
0.005 mm = _____ % Passing
0.0015 mm = _____ % Passing

SGS ACCUTEST

PRODUCT: GRAINS
HYDROMETER TESTING SUMMARY
METHOD: ASTM D422-63

GN BATCH: GN18885
ANALYST: LM
DATE: 6/9/2021

	Temp. in deg. C	152H reading	152H Correction
Control Sample	20	5	-5
Control Sample	24	4	-4

Slope = 0.25
Intercept = -10

Sample ID	Start Time	Time Interval in min	Temp in deg. C	Sample Uncorrected Hydrometer	Sample Corrected Hydrometer	K (from Table 3)	L (from Table 2)	Particle Diameter	Specific Gravity of Soil	a (from Table 1)	% of soil in suspension
FA85745-46		2	22	16	11.5	0.01397	13.7	0.0366	2.51	1.03	18.12
		5	22	16	11.5	0.01397	13.7	0.0231	2.51	1.03	18.12
Oven Dry wt. used		15	22	15	10.5	0.01397	13.8	0.0134	2.51	1.03	16.55
51.94		30	22	15	10.5	0.01397	13.8	0.0095	2.51	1.03	16.55
% through 10 sieve		60	22	14	9.5	0.01397	14	0.0067	2.51	1.03	14.97
79.58		250	22	14	9.5	0.01397	14	0.0033	2.51	1.03	14.97
		1440	22	12	7.5	0.01397	14.3	0.0014	2.51	1.03	11.82

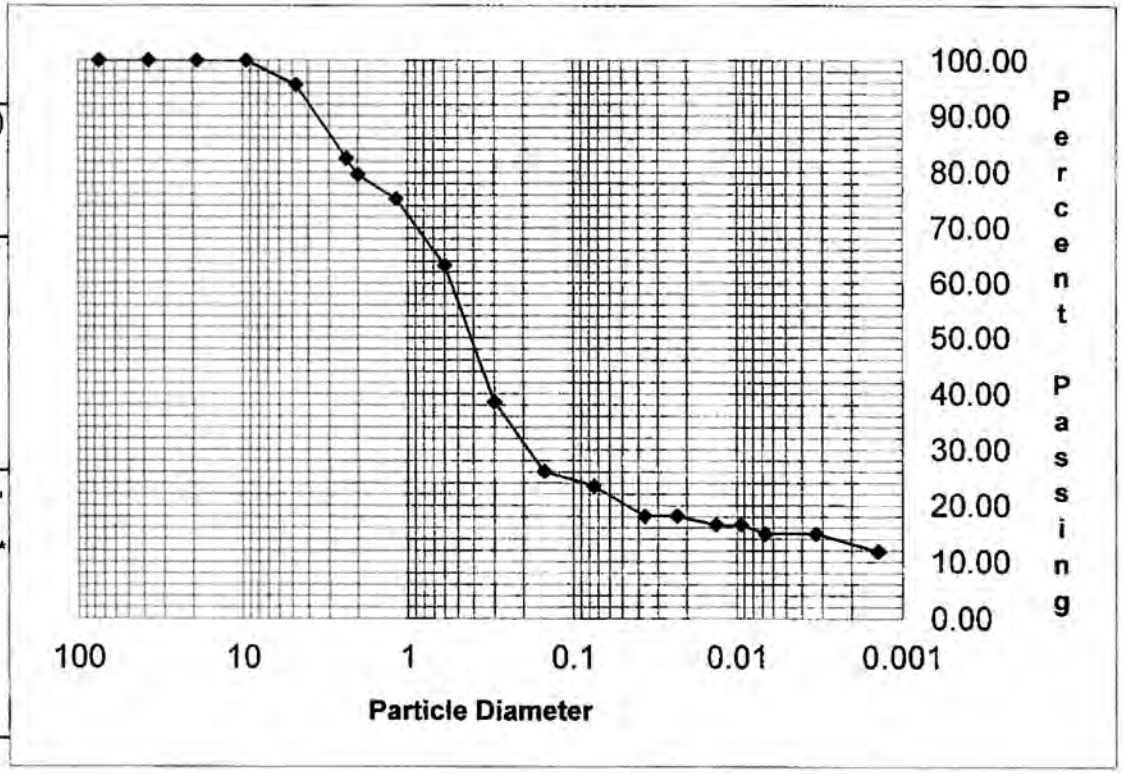
SGS ACCUTEST

PRODUCT: GRAINS
HYDROMETER TESTING SUMMARY
METHOD: ASTM D422-63

GN BATCH:	GN18885	
ANALYST:	LM	
DATE:	6/9/2021	1/0/1900

Sample ID: FA85745-46

Sieve ID	Particle Size	% Passing	
No. 3	75	100.00	Gravel(a)
No. 1.5	37.5	100.00	
No. 3/4	19	100.00	4.38
No. 3/8	9.5	100.00	
No. 4	4.75	95.62	Sand (b)
No. 8	2.36	82.45	
No. 10	2	79.58	
No. 16	1.18	75.23	72.18
No.30	0.6	63.21	
No. 50	0.3	38.56	
No. 100	0.15	26.07	
No. 200	0.075	23.44	Silt, Clay,
Hydrometer	0.0366	18.12	and
Hydrometer	0.0231	18.12	Colloids**
Hydrometer	0.0134	16.55	
Hydrometer	0.0095	16.55	23.44
Hydrometer	0.0067	14.97	
Hydrometer	0.0033	14.97	
Hydrometer	0.0014	11.82	



Gravel - passing No.3 and retained on No.4
Sand - passing No.4 and retained on No. 200
**Silt = 0.074 to 0.005 mm
**Clay = smaller than 0.005 mm
**Colloids = smaller than 0.001 mm

0.030 mm = _____ % Passing
0.005 mm = _____ % Passing
0.0015 mm = _____ % Passing

SGS ACCUTEST

PRODUCT: GRAINS
HYDROMETER TESTING SUMMARY
METHOD: ASTM D422-63

GN BATCH: GN18966
ANALYST: LM
DATE: 6/11/2021

	Temp. in deg. C	152H reading	152H Correction
Control Sample	20	5	-5
Control Sample	24	4	-4

Slope = 0.25
Intercept = -10

Sample ID	Start Time	Time Interval in min	Temp in deg. C	Sample Uncorrected Hydrometer	Sample Corrected Hydrometer	K (from Table 3)	L (from Table 2)	Particle Diameter	Specific Gravity of Soil	a (from Table 1)	% of soil in suspension
FA85745-47		2	22	17	12.5	0.01353	13.5	0.0352	2.60	1.01	17.08
		5	22	16	11.5	0.01353	13.7	0.0224	2.60	1.01	15.71
Oven Dry wt. used		15	22	15	10.5	0.01353	13.8	0.0130	2.60	1.01	14.34
51.33		30	22	15	10.5	0.01353	13.8	0.0092	2.60	1.01	14.34
% through 10 sieve		60	22	14	9.5	0.01353	14	0.0065	2.60	1.01	12.98
69.43		250	22	13	8.5	0.01353	14.2	0.0032	2.60	1.01	11.61
		1440	22	12	7.5	0.01353	14.3	0.0013	2.60	1.01	10.25

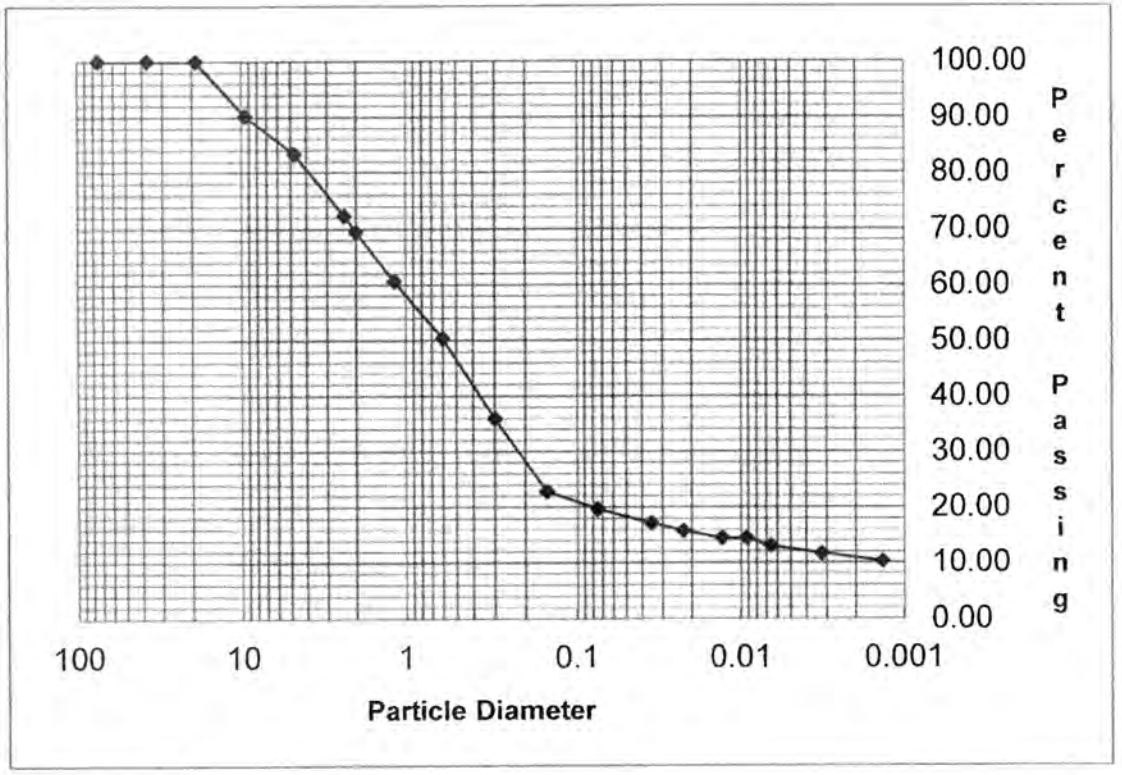
SGS ACCUTEST

PRODUCT: GRAINS
HYDROMETER TESTING SUMMARY
METHOD: ASTM D422-63

GN BATCH:	GN18966
ANALYST:	LM
DATE:	6/11/2021

Sample ID: FA85745-47

Sieve ID	Particle Size	% Passing	
No. 3	75	100.00	Gravel(a)
No. 1.5	37.5	100.00	
No. 3/4	19	100.00	16.69
No. 3/8	9.5	90.25	
No. 4	4.75	83.31	Sand (b)
No. 8	2.36	72.32	
No. 10	2	69.43	
No. 16	1.18	60.68	63.66
No.30	0.6	50.35	
No. 50	0.3	35.92	
No. 100	0.15	22.75	
No. 200	0.075	19.65	Silt, Clay,
Hydrometer	0.0352	17.08	and
Hydrometer	0.0224	15.71	Colloids**
Hydrometer	0.0130	14.34	
Hydrometer	0.0092	14.34	19.65
Hydrometer	0.0065	12.98	
Hydrometer	0.0032	11.61	
Hydrometer	0.0013	10.25	



Gravel - passing No.3 and retained on No.4
Sand - passing No.4 and retained on No. 200
**Silt = 0.074 to 0.005 mm
**Clay = smaller than 0.005 mm
**Colloids = smaller than 0.001 mm

0.030 mm = _____ % Passing
0.005 mm = _____ % Passing
0.0015 mm = _____ % Passing

SGS ACCUTEST

PRODUCT: GRAINS
HYDROMETER TESTING SUMMARY
METHOD: ASTM D422-63

GN BATCH: GN18966
ANALYST: LM
DATE: 6/11/2021

	Temp. in deg. C	152H reading	152H Correction
Control Sample	20	5	-5
Control Sample	24	4	-4

Slope = 0.25
Intercept = -10

Sample ID	Start Time	Time Interval in min	Temp in deg. C	Sample Uncorrected Hydrometer	Sample Corrected Hydrometer	K (from Table 3)	L (from Table 2)	Particle Diameter	Specific Gravity of Soil	a (from Table 1)	% of soil in suspension
FA85745-48		2	22	17	12.5	0.01416	13.5	0.0368	2.46	1.05	18.46
		5	22	16	11.5	0.01416	13.7	0.0234	2.46	1.05	16.98
Oven Dry wt. used		15	22	15	10.5	0.01416	13.8	0.0136	2.46	1.05	15.50
50.00		30	22	15	10.5	0.01416	13.8	0.0096	2.46	1.05	15.50
% through 10 sieve		60	22	15	10.5	0.01416	13.8	0.0068	2.46	1.05	15.50
70.59		250	22	14	9.5	0.01416	14	0.0034	2.46	1.05	14.03
		1440	22	13	8.5	0.01416	14.2	0.0014	2.46	1.05	12.55

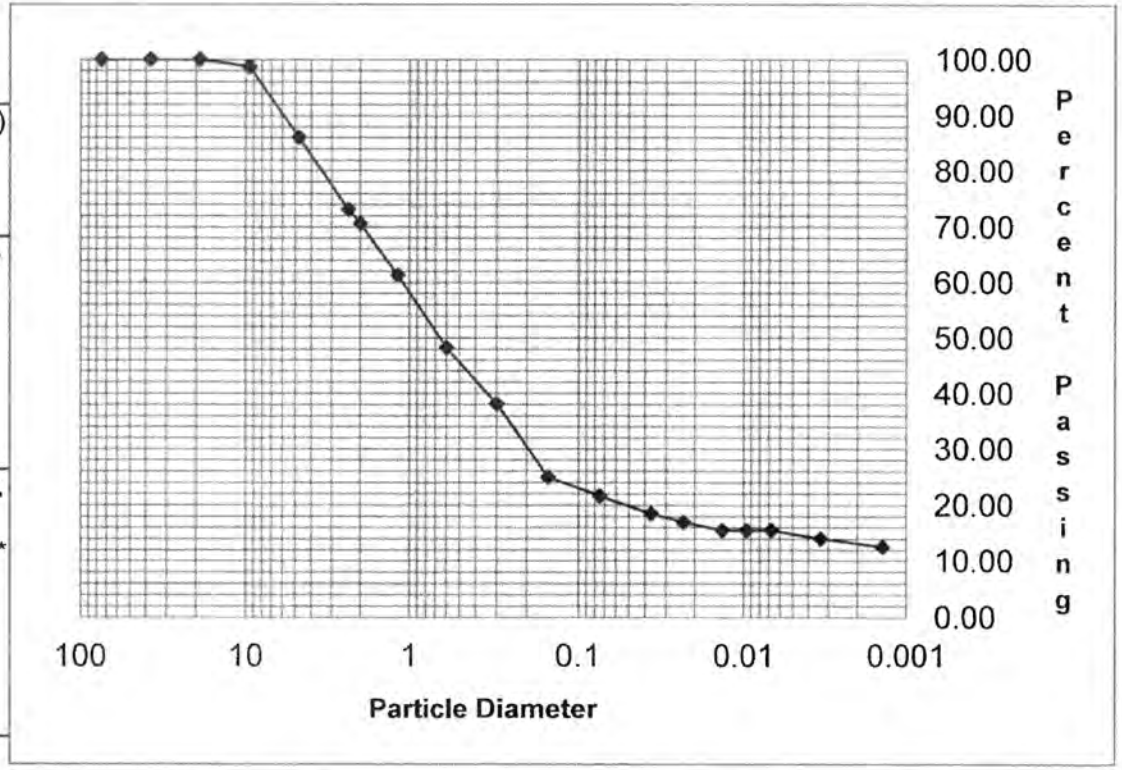
SGS ACCUTEST

PRODUCT: GRAINS
HYDROMETER TESTING SUMMARY
METHOD: ASTM D422-63

GN BATCH:	GN18966	
ANALYST:	LM	
DATE:	6/11/2021	1/0/1900

Sample ID: FA85745-48

Sieve ID	Particle Size	% Passing	
No. 3	75	100.00	Gravel(a)
No. 1.5	37.5	100.00	
No. 3/4	19	100.00	13.94
No. 3/8	9.5	98.68	
No. 4	4.75	86.06	Sand (b)
No. 8	2.36	73.15	
No. 10	2	70.59	
No. 16	1.18	61.27	64.43
No.30	0.6	48.26	
No. 50	0.3	38.15	
No. 100	0.15	24.94	
No. 200	0.075	21.63	Silt, Clay,
Hydrometer	0.0368	18.46	and
Hydrometer	0.0234	16.98	Colloids**
Hydrometer	0.0136	15.50	
Hydrometer	0.0096	15.50	21.63
Hydrometer	0.0068	15.50	
Hydrometer	0.0034	14.03	
Hydrometer	0.0014	12.55	



Gravel - passing No.3 and retained on No.4
Sand - passing No.4 and retained on No. 200
**Silt = 0.074 to 0.005 mm
**Clay = smaller than 0.005 mm
**Colloids = smaller than 0.001 mm

0.030 mm = _____ % Passing
0.005 mm = _____ % Passing
0.0015 mm = _____ % Passing

Report of Analysis

Client Sample ID:	08825 MW-36I (15-20')		
Lab Sample ID:	FA85745-45	Date Sampled:	05/17/21
Matrix:	SO - Soil	Date Received:	05/20/21
		Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Particle Size Analysis (Sieve and Hydrometer Testing)							
3 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
1.5 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.75 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.375 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.4 Sieve (4.75 mm) [a]	98.1		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.8 Sieve (2.36 mm) [a]	86.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.10 Sieve (2.00 mm) [a]	83.1		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.16 Sieve (1.18 mm) [a]	75.9		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.30 Sieve (0.60 mm) [a]	63.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.50 Sieve (0.30 mm) [a]	41.1		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.100 Sieve (0.15 mm) [a]	25.3		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.200 Sieve (0.075 mm) [a]	22.3		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.030 mm (Hydrometer) [a]	19		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.005 mm (Hydrometer) [a]	16		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.0015 mm (Hydrometer) [a]	15		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Gravel [a]	2.0		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Sand [a]	75.8		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Silt, Clay, Colloids [a]	22.3		%	1	06/09/21 07:20	ANJ	ASTM D422-63

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	08825 MW-37I (15-20')		
Lab Sample ID:	FA85745-46	Date Sampled:	05/17/21
Matrix:	SO - Soil	Date Received:	05/20/21
		Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Particle Size Analysis (Sieve and Hydrometer Testing)							
3 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
1.5 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.75 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.375 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.4 Sieve (4.75 mm) [a]	95.6		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.8 Sieve (2.36 mm) [a]	82.5		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.10 Sieve (2.00 mm) [a]	79.6		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.16 Sieve (1.18 mm) [a]	75.2		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.30 Sieve (0.60 mm) [a]	63.2		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.50 Sieve (0.30 mm) [a]	38.6		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.100 Sieve (0.15 mm) [a]	26.1		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.200 Sieve (0.075 mm) [a]	23.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.030 mm (Hydrometer) [a]	18		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.005 mm (Hydrometer) [a]	15		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.0015 mm (Hydrometer) [a]	12		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Gravel [a]	4.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Sand [a]	72.2		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Silt, Clay, Colloids [a]	22.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	08825 MW-38I (15-20')		
Lab Sample ID:	FA85745-47	Date Sampled:	05/17/21
Matrix:	SO - Soil	Date Received:	05/20/21
		Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Particle Size Analysis (Sieve and Hydrometer Testing)							
3 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
1.5 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.75 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.375 Inch Sieve [a]	90.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.4 Sieve (4.75 mm) [a]	83.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.8 Sieve (2.36 mm) [a]	72.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.10 Sieve (2.00 mm) [a]	69.4		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.16 Sieve (1.18 mm) [a]	60.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.30 Sieve (0.60 mm) [a]	50.4		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.50 Sieve (0.30 mm) [a]	35.9		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.100 Sieve (0.15 mm) [a]	22.8		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.200 Sieve (0.075 mm) [a]	19.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.030 mm (Hydrometer) [a]	16		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.005 mm (Hydrometer) [a]	13		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.0015 mm (Hydrometer) [a]	10		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Gravel [a]	16.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Sand [a]	63.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Silt, Clay, Colloids [a]	19.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	08825 MW-39I (15-20')		
Lab Sample ID:	FA85745-48	Date Sampled:	05/17/21
Matrix:	SO - Soil	Date Received:	05/20/21
		Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Particle Size Analysis (Sieve and Hydrometer Testing)							
3 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
1.5 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.75 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.375 Inch Sieve [a]	98.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.4 Sieve (4.75 mm) [a]	85.1		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.8 Sieve (2.36 mm) [a]	73.2		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.10 Sieve (2.00 mm) [a]	70.6		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.16 Sieve (1.18 mm) [a]	61.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.30 Sieve (0.60 mm) [a]	48.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.50 Sieve (0.30 mm) [a]	38.2		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.100 Sieve (0.15 mm) [a]	24.9		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.200 Sieve (0.075 mm) [a]	21.6		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.030 mm (Hydrometer) [a]	17		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.005 mm (Hydrometer) [a]	14		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.0015 mm (Hydrometer) [a]	13		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Gravel [a]	13.9		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Sand [a]	64.4		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Silt, Clay, Colloids [a]	21.6		%	1	06/11/21 11:46	ANJ	ASTM D422-63

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

APPENDIX G

Slug Test Data

Summary of Slug Test
Underground Storage Tank Management Division

Site Data

UST Permit #: 08825 County: Sumter

Facility Name: Lenoir Store Date Performed: 5/18/2021

Slug Data

See Appendix G Table 4 Figure _____ for a list of all data measurements. [water level logs, etc. (complete as appropriate)].

Water Level Recovery Data was measured by Data Logger
[Hermit Data Logger, Manually with Water Level Indicator, etc. (list method)].

Complete the following table for each well tested.

COMPLETE A SECOND SHEET IF MORE THAN FOUR WELLS ARE TESTED

Slug Test Conducted in Well(s) Number	MW-36I	MW-37I	TW-1	TW-2
Time Performed (military)	12:49	10:04	10:03	12:48
Static Water Level (feet)	6.09	6.48	6.42	5.74
Initial Rise/Drawdown in Well (+/- feet)	-1.75	-1.75	-1.75	-1.75
Radius of Well Casing (feet)	0.085	0.085	0.085	0.085
Effective Radius of Well (feet)	0.25	0.25	0.25	0.25
Static Saturated Aquifer Thickness (feet)	13.91	13.52	34.58	32.26
Length of Well Screen (feet)	5	5	5	5

Calculations

See Appendix G Table 4 Figure _____ for calculations (complete as appropriate).

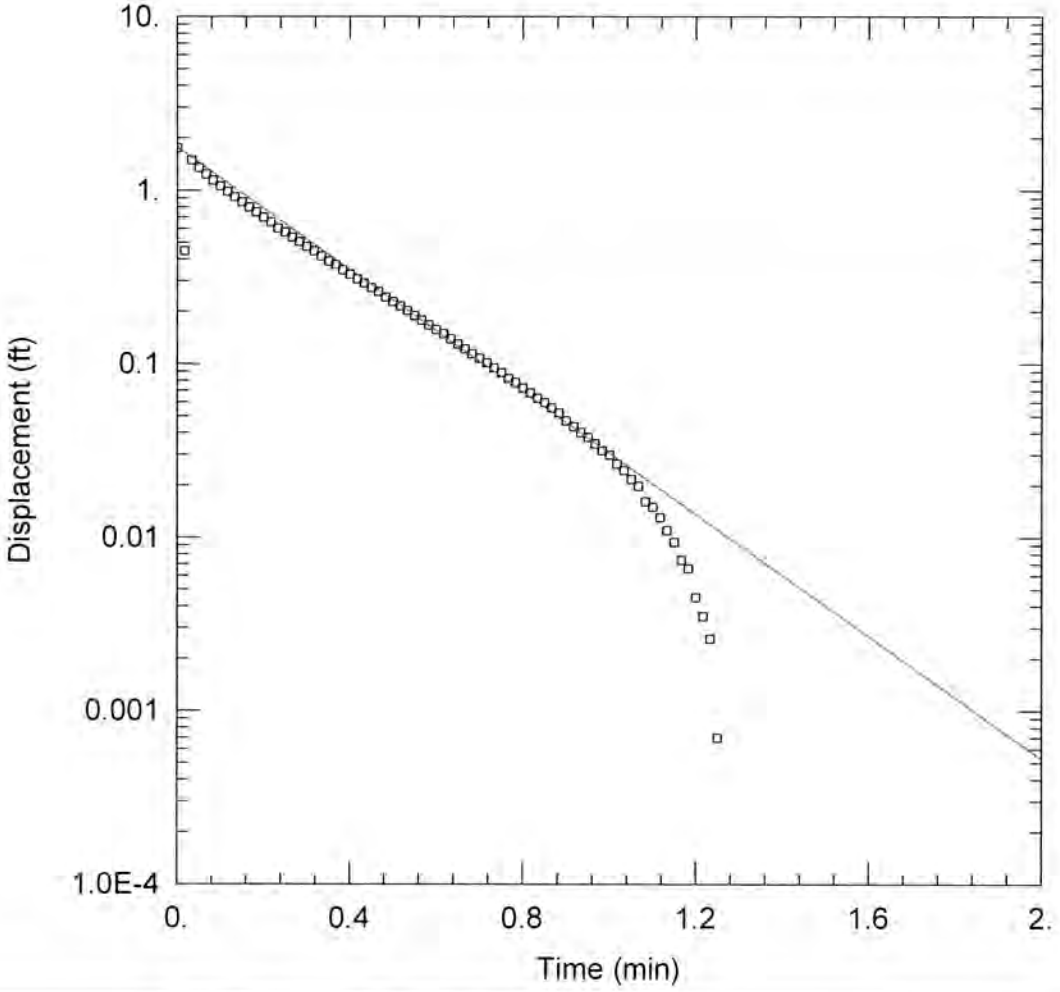
The method for Aquifer calculations was Bouwer-Rice (i.e. Bouwer-Rice, Cooper, etc.).

The Aquifer is ☐ confined ☐ semi-confined ☑ water table (check as appropriate)

A hydraulic gradient of 0.006

Calculated values by well were as follows:

Slug Test Conducted in Well(s) Number	MW-36I	MW-37I	TW-1	TW-2
Thickness of Aquifer (feet)	13.91	13.52	34.58	32.26
Hydraulic Conductivity (feet/ year)	15,557	345.29	17.16	191.63
Effective Porosity (%)	0.20	0.20	0.20	0.20
Soil Type (i.e., silty sand, clay, etc.)	clay fine-med sand	clay fine-med sand	clay fine-med sand	clay fine-med sand
Seepage Velocity (feet/ year)	622.31	13.81	0.69	7.66



WELL TEST ANALYSIS

Data Set: F:\...\R_MW-36I.aqt
Date: 07/19/21 Time: 12:48:25

PROJECT INFORMATION

Company: Geological Resources, Inc.
Client: Lenoir Store
Project: 2001
Location: Horatio, SC
Test Well: MW-36I
Test Date: 5/18/21

AQUIFER DATA

Saturated Thickness: 1.85 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-36I)

Initial Displacement: 1.75 ft Static Water Column Height: 13.91 ft
Total Well Penetration Depth: 14.91 ft Screen Length: 1. ft
Casing Radius: 0.085 ft Well Radius: 1. ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice
K = 0.0296 ft/min y0 = 1.766 ft

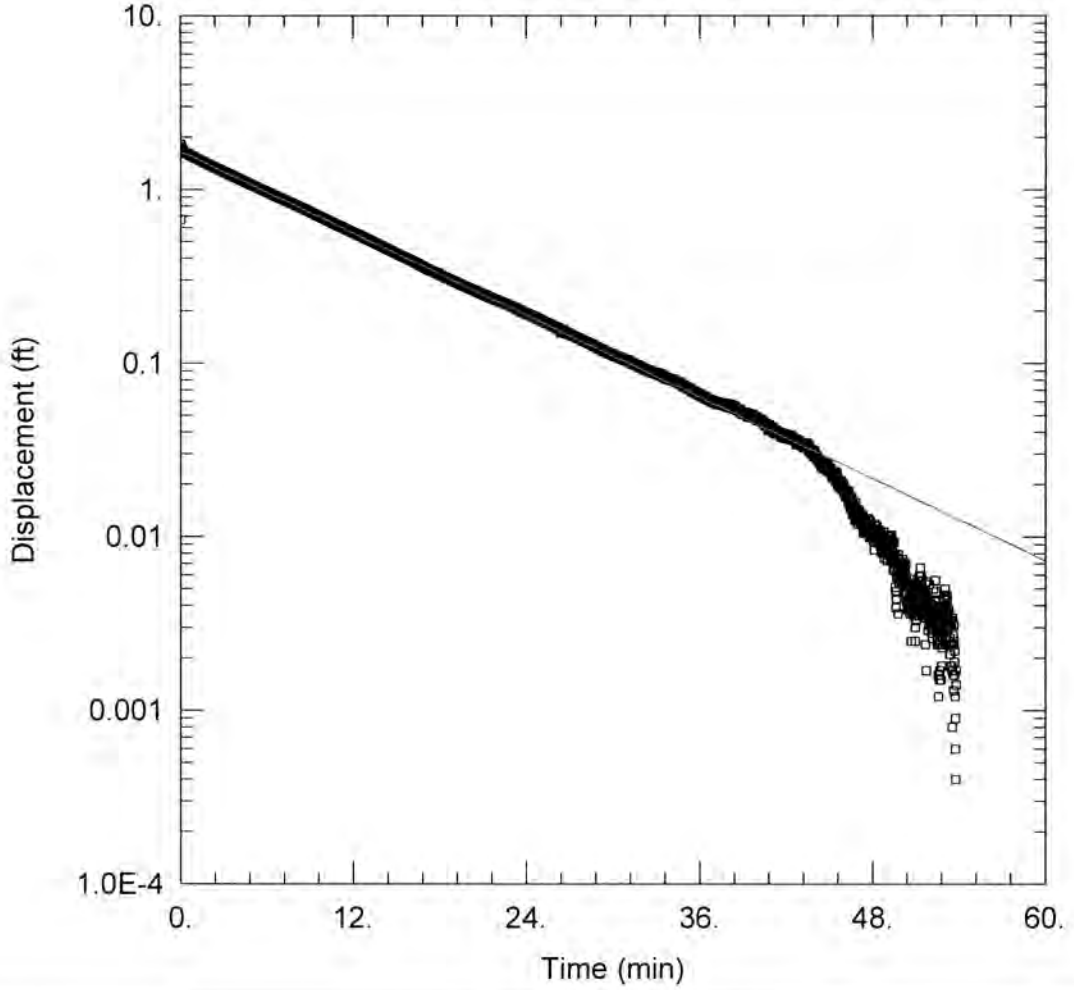
AQTESOLV DATA ENTRY FORM
(For wells screened BELOW water table)

Page	Item		Value	Remarks
NA	Static depth to water (SDTW) from TOC	SDTW	6.09	Test well (ft)
	Initial DTW (IDTW) - after remove/introduce slug from TOC	IDTW	7.84	Test well (ft)
	Total well depth (TWD)	TWD	20.00	Test well (ft)
	Top of Casing Elevation (TOC)	TOC	99.90	Test well (ft)
	Highest ground water elevation at site (HGWE)	HGWE	98.37	All site wells (ft)
	Deepest well depth elevation (DWDE)	DWDE	100.22	Deepest well (ft)
5	Project Name		Lenoir Store	
	Project location (city, state)		Horatio, SC	
	Test Well #		MW-36I	
	Date slug test conducted		5/18/2021	
6	**H(o)**: Initial displacement (IDTW minus SDTW (ft))	H(o)	1.75	Use 1.75
	H: Static water column height	H	13.91	TWD minus SDTW (ft)
	Well #		MW-36I	Test well ID
7	b: Saturated thickness of aquifer	b	-1.85	HGWE - DWDE * If no telescoping well, use H
	KV/KH: Vertical/Horizontal	KV/KH	0.10	Use 0.1
8	D: Casing length	D	13.91	TWD minus SDTW minus screen length (ft)
	L: Well screen length	L		Screen length (ft)
9	R(c): Inside radius of well casing	R(c)	0.085	Use 0.085 for 2" wells; use 0.167 for 4" wells(ft)
	R(w): Well radius	R(w)		1/2 auger outside diameter (ft)
	R(sk): Well skin radius	R(sk)		1/2 auger outside diameter (ft)

Lenoir Store	
Well	MW-36I
Test Date	05/18/21
Initial DTW (ft)	6.11

Time (min)	Displacement (ft)
0.000	0
0.017	0.4468
0.033	1.4867
0.050	1.3505
0.067	1.2388
0.083	1.1419
0.100	1.0584
0.117	0.9835
0.133	0.9156
0.150	0.8555
0.167	0.7986
0.183	0.7479
0.200	0.6994
0.217	0.6544
0.233	0.6058
0.250	0.5743
0.267	0.5376
0.283	0.5053
0.300	0.4735
0.317	0.4468
0.333	0.4176
0.350	0.3901
0.367	0.3714
0.383	0.3466
0.400	0.3268
0.417	0.308
0.433	0.2917
0.450	0.2733
0.467	0.2595
0.483	0.2415
0.500	0.2279
0.517	0.2148
0.533	0.2017
0.550	0.189
0.567	0.1777
0.583	0.1668
0.600	0.157
0.617	0.1484
0.633	0.1387
0.650	0.1295
0.667	0.1217
0.683	0.1141
0.700	0.1073
0.717	0.1015
0.733	0.0947
0.750	0.0886
0.767	0.0821
0.783	0.0781
0.800	0.0725
0.817	0.0682
0.833	0.0633
0.850	0.0599
0.867	0.0557
0.883	0.0522
0.900	0.047
0.917	0.0436
0.933	0.0404
0.950	0.0379
0.967	0.0347
0.983	0.0317
1.000	0.0299
1.017	0.0266
1.033	0.0244
1.050	0.0216
1.067	0.0198
1.083	0.0161
1.100	0.015
1.117	0.013
1.133	0.011
1.150	0.0094
1.167	0.0074
1.183	0.0066
1.200	0.0045
1.217	0.0035

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
1.233	0.0026	1.250	0.0007



WELL TEST ANALYSIS

Data Set: F:\...\R_MW-37I.aqt
Date: 07/19/21 Time: 15:00:51

PROJECT INFORMATION

Company: Geological Resources, Inc.
Client: Lenoir Store
Project: 2001
Location: Horatio, SC
Test Well: MW-37I
Test Date: 5/18/21

AQUIFER DATA

Saturated Thickness: 1.85 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (MW-37I)

Initial Displacement: 1.75 ft
Total Well Penetration Depth: 14.52 ft
Casing Radius: 0.085 ft
Static Water Column Height: 13.52 ft
Screen Length: 1. ft
Well Radius: 1. ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.0006569 ft/min y0 = 1.653 ft

AQTESOLV DATA ENTRY FORM
(For wells screened BELOW water table)

Page	Item		Value	Remarks
NA	Static depth to water (SDTW) from TOC	SDTW	6.48	Test well (ft)
	Initial DTW (IDTW) - after remove/introduce slug from TOC	IDTW	8.23	Test well (ft)
	Total well depth (TWD)	TWD	20.00	Test well (ft)
	Top of Casing Elevation (TOC)	TOC	100.31	Test well (ft)
	Highest ground water elevation at site (HGWE)	HGWE	98.37	All site wells (ft)
	Deepest well depth elevation (DWDE)	DWDE	100.22	Deepest well (ft)
5	Project Name		Lenoir Store	
	Project location (city, state)		Horatio, SC	
	Test Well #		MW-37I	
	Date slug test conducted		5/18/2021	
6	**H(o)**: Initial displacement (IDTW minus SDTW (ft))	H(o)	1.75	Use 1.75
	H: Static water column height	H	13.52	TWD minus SDTW (ft)
	Well #		MW-37I	Test well ID
7	b: Saturated thickness of aquifer	b	-1.85	HGWE - DWDE * If no telescoping well, use H
	KV/KH: Vertical/Horizontal	KV/KH	0.10	Use 0.1
8	D: Casing length	D	13.52	TWD minus SDTW minus screen length (ft)
	L: Well screen length	L		Screen length (ft)
9	R(c): Inside radius of well casing	R(c)	0.085	Use 0.085 for 2" wells; use 0.167 for 4" wells(ft)
	R(w): Well radius	R(w)		1/2 auger outside diameter (ft)
	R(sk): Well skin radius	R(sk)		1/2 auger outside diameter (ft)

Lenoir Store	
Well	MW-37I
Test Date	05/18/21
Initial DTW (ft)	6.64

Time (min)	Displacement (ft)
0.000	0
0.017	0.6667
0.033	1.814
0.050	1.764
0.067	1.7191
0.083	1.7004
0.100	1.6957
0.117	1.6828
0.133	1.6785
0.150	1.6739
0.167	1.6683
0.183	1.6568
0.200	1.6566
0.217	1.6516
0.233	1.648
0.250	1.6425
0.267	1.6385
0.283	1.6361
0.300	1.6352
0.317	1.6346
0.333	1.6325
0.350	1.6272
0.367	1.6219
0.383	1.6198
0.400	1.6178
0.417	1.6148
0.433	1.6108
0.450	1.6083
0.467	1.6046
0.483	1.6027
0.500	1.5993
0.517	1.5959
0.533	1.5924
0.550	1.592
0.567	1.5877
0.583	1.5845
0.600	1.5835
0.617	1.5796
0.633	1.5772
0.650	1.5737
0.667	1.5711
0.683	1.5679
0.700	1.5657
0.717	1.564
0.733	1.5601
0.750	1.5576
0.767	1.5562
0.783	1.5544
0.800	1.5506
0.817	1.5486
0.833	1.545
0.850	1.5427
0.867	1.5406
0.883	1.5362
0.900	1.5351
0.917	1.5329
0.933	1.5296
0.950	1.5278
0.967	1.5253
0.983	1.5228
1.000	1.5203
1.017	1.5172
1.033	1.5159
1.050	1.5134
1.067	1.5107
1.083	1.5081
1.100	1.504
1.117	1.5009
1.133	1.5001
1.150	1.4978
1.167	1.4963
1.183	1.4935
1.200	1.4903
1.217	1.4884
1.233	1.4854
1.250	1.4846
1.267	1.4815
1.283	1.4799
1.300	1.4779
1.317	1.4749
1.333	1.4712
1.350	1.4695
1.367	1.4671
1.383	1.4651
1.400	1.4632
1.417	1.4609
1.433	1.4593
1.450	1.4553
1.467	1.4533
1.483	1.4517
1.500	1.4488
1.517	1.4471
1.533	1.4425
1.550	1.4425
1.567	1.4402
1.583	1.437
1.600	1.4344
1.617	1.4328
1.633	1.4306
1.650	1.4272
1.667	1.4274
1.683	1.4234
1.700	1.4227
1.717	1.4192
1.733	1.418
1.750	1.4153
1.767	1.4142
1.783	1.4114
1.800	1.4078
1.817	1.4067
1.833	1.4053
1.850	1.403
1.867	1.4022
1.883	1.3997
1.900	1.3972
1.917	1.3954
1.933	1.3935
1.950	1.3919
1.967	1.3876
1.983	1.3863
2.000	1.3835
2.017	1.3816
2.033	1.3797

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
2.050	1.3773	2.767	1.2874	3.483	1.2072
2.067	1.3753	2.783	1.2875	3.500	1.2065
2.083	1.374	2.800	1.284	3.517	1.2044
2.100	1.3711	2.817	1.2831	3.533	1.2028
2.117	1.3689	2.833	1.2807	3.550	1.2004
2.133	1.3675	2.850	1.2788	3.567	1.2002
2.150	1.3647	2.867	1.2766	3.583	1.1977
2.167	1.3624	2.883	1.2749	3.600	1.1947
2.183	1.3622	2.900	1.2731	3.617	1.1943
2.200	1.3569	2.917	1.2723	3.633	1.1931
2.217	1.3558	2.933	1.2702	3.650	1.1903
2.233	1.3537	2.950	1.2689	3.667	1.1911
2.250	1.3512	2.967	1.2661	3.683	1.1878
2.267	1.3481	2.983	1.265	3.700	1.1852
2.283	1.3468	3.000	1.2608	3.717	1.1838
2.300	1.3464	3.017	1.2608	3.733	1.1834
2.317	1.3435	3.033	1.259	3.750	1.1803
2.333	1.341	3.050	1.2567	3.767	1.1784
2.350	1.3392	3.067	1.2544	3.783	1.1766
2.367	1.3378	3.083	1.2535	3.800	1.175
2.383	1.3344	3.100	1.2512	3.817	1.1732
2.400	1.3342	3.117	1.2486	3.833	1.1709
2.417	1.3316	3.133	1.2476	3.850	1.1705
2.433	1.3292	3.150	1.2466	3.867	1.1683
2.450	1.326	3.167	1.2426	3.883	1.1664
2.467	1.3241	3.183	1.2429	3.900	1.1649
2.483	1.3221	3.200	1.2401	3.917	1.1633
2.500	1.3212	3.217	1.2381	3.933	1.1611
2.517	1.3177	3.233	1.2362	3.950	1.1601
2.533	1.3158	3.250	1.235	3.967	1.1582
2.550	1.3145	3.267	1.2328	3.983	1.1564
2.567	1.3128	3.283	1.2306	4.000	1.1561
2.583	1.3095	3.300	1.2291	4.017	1.1522
2.600	1.3081	3.317	1.2271	4.033	1.1514
2.617	1.3053	3.333	1.2252	4.050	1.1494
2.633	1.3036	3.350	1.2225	4.067	1.1483
2.650	1.3014	3.367	1.2207	4.083	1.1462
2.667	1.3008	3.383	1.2186	4.100	1.1445
2.683	1.298	3.400	1.2168	4.117	1.1412
2.700	1.2974	3.417	1.2165	4.133	1.1408
2.717	1.2947	3.433	1.2124	4.150	1.1391
2.733	1.2935	3.450	1.212	4.167	1.1361
2.750	1.291	3.467	1.2099	4.183	1.1362

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
4.200	1.1339	4.917	1.0644	5.633	0.9965
4.217	1.132	4.933	1.0613	5.650	0.9965
4.233	1.1306	4.950	1.0605	5.667	0.9953
4.250	1.1287	4.967	1.0589	5.683	0.9927
4.267	1.1274	4.983	1.058	5.700	0.9912
4.283	1.1241	5.000	1.0567	5.717	0.9901
4.300	1.1237	5.017	1.0539	5.733	0.9883
4.317	1.1211	5.033	1.0519	5.750	0.9861
4.333	1.121	5.050	1.0496	5.767	0.9853
4.350	1.1189	5.067	1.0504	5.783	0.985
4.367	1.1154	5.083	1.0461	5.800	0.9819
4.383	1.1152	5.100	1.0463	5.817	0.9821
4.400	1.1133	5.117	1.0434	5.833	0.98
4.417	1.1117	5.133	1.0424	5.850	0.9805
4.433	1.1116	5.150	1.041	5.867	0.9773
4.450	1.109	5.167	1.0387	5.883	0.9746
4.467	1.1067	5.183	1.0394	5.900	0.9745
4.483	1.1058	5.200	1.0348	5.917	0.9728
4.500	1.1033	5.217	1.0363	5.933	0.9709
4.517	1.1024	5.233	1.0347	5.950	0.9702
4.533	1.1008	5.250	1.0316	5.967	0.9685
4.550	1.0993	5.267	1.0296	5.983	0.968
4.567	1.0971	5.283	1.0274	6.000	0.965
4.583	1.0943	5.300	1.0282	6.017	0.9648
4.600	1.0928	5.317	1.0258	6.033	0.9628
4.617	1.0926	5.333	1.0236	6.050	0.9625
4.633	1.0904	5.350	1.0217	6.067	0.9606
4.650	1.0892	5.367	1.0199	6.083	0.9577
4.667	1.0871	5.383	1.0195	6.100	0.9572
4.683	1.0863	5.400	1.0176	6.117	0.9564
4.700	1.0845	5.417	1.0155	6.133	0.956
4.717	1.0824	5.433	1.0145	6.150	0.9552
4.733	1.0797	5.450	1.0137	6.167	0.9512
4.750	1.0797	5.467	1.0109	6.183	0.9498
4.767	1.0769	5.483	1.01	6.200	0.9489
4.783	1.0752	5.500	1.0089	6.217	0.9471
4.800	1.0737	5.517	1.0073	6.233	0.9472
4.817	1.0729	5.533	1.0058	6.250	0.9453
4.833	1.0707	5.550	1.0057	6.267	0.9415
4.850	1.0697	5.567	1.0035	6.283	0.9401
4.867	1.0658	5.583	1.0013	6.300	0.9402
4.883	1.0663	5.600	0.9977	6.317	0.9395
4.900	1.0638	5.617	0.9993	6.333	0.9372

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
6.350	0.9361	7.067	0.8784	7.783	0.824
6.367	0.9348	7.083	0.8793	7.800	0.8227
6.383	0.9349	7.100	0.8768	7.817	0.8226
6.400	0.9315	7.117	0.8763	7.833	0.8209
6.417	0.9317	7.133	0.8746	7.850	0.821
6.433	0.9292	7.150	0.8734	7.867	0.818
6.450	0.9285	7.167	0.8722	7.883	0.8174
6.467	0.9263	7.183	0.8698	7.900	0.8168
6.483	0.9252	7.200	0.8679	7.917	0.8147
6.500	0.9237	7.217	0.8685	7.933	0.814
6.517	0.9234	7.233	0.8655	7.950	0.8126
6.533	0.9215	7.250	0.8657	7.967	0.8105
6.550	0.9193	7.267	0.8645	7.983	0.8117
6.567	0.9187	7.283	0.8624	8.000	0.8087
6.583	0.9173	7.300	0.8604	8.017	0.8072
6.600	0.915	7.317	0.8585	8.033	0.8062
6.617	0.9128	7.333	0.8561	8.050	0.8038
6.633	0.913	7.350	0.8575	8.067	0.8033
6.650	0.9097	7.367	0.8558	8.083	0.8027
6.667	0.9101	7.383	0.8541	8.100	0.8032
6.683	0.9082	7.400	0.8526	8.117	0.8
6.700	0.9057	7.417	0.8524	8.133	0.7994
6.717	0.9059	7.433	0.8506	8.150	0.798
6.733	0.904	7.450	0.8495	8.167	0.7975
6.750	0.9024	7.467	0.848	8.183	0.7951
6.767	0.9008	7.483	0.8467	8.200	0.7938
6.783	0.8979	7.500	0.8459	8.217	0.7938
6.800	0.8985	7.517	0.8458	8.233	0.7915
6.817	0.8962	7.533	0.8439	8.250	0.7909
6.833	0.8944	7.550	0.8428	8.267	0.7894
6.850	0.8937	7.567	0.8412	8.283	0.7884
6.867	0.8936	7.583	0.8402	8.300	0.7879
6.883	0.8922	7.600	0.8385	8.317	0.7872
6.900	0.8912	7.617	0.8386	8.333	0.7848
6.917	0.8911	7.633	0.8366	8.350	0.7847
6.933	0.8888	7.650	0.8354	8.367	0.7829
6.950	0.8868	7.667	0.8338	8.383	0.7819
6.967	0.8863	7.683	0.8333	8.400	0.7802
6.983	0.8843	7.700	0.8315	8.417	0.7804
7.000	0.8837	7.717	0.8312	8.433	0.7775
7.017	0.883	7.733	0.8289	8.450	0.7779
7.033	0.8814	7.750	0.828	8.467	0.7751
7.050	0.8809	7.767	0.8262	8.483	0.774

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
8.500	0.7729	9.217	0.7243	9.933	0.6783
8.517	0.7717	9.233	0.7239	9.950	0.6771
8.533	0.7713	9.250	0.7218	9.967	0.6763
8.550	0.77	9.267	0.721	9.983	0.6753
8.567	0.7698	9.283	0.7208	10.000	0.6743
8.583	0.7687	9.300	0.718	10.017	0.6726
8.600	0.7664	9.317	0.7167	10.033	0.6721
8.617	0.766	9.333	0.716	10.050	0.67
8.633	0.7642	9.350	0.7147	10.067	0.6696
8.650	0.7647	9.367	0.7141	10.083	0.6696
8.667	0.7613	9.383	0.7125	10.100	0.6669
8.683	0.7616	9.400	0.713	10.117	0.6672
8.700	0.76	9.417	0.7111	10.133	0.6652
8.717	0.7596	9.433	0.7091	10.150	0.6648
8.733	0.7587	9.450	0.7093	10.167	0.6631
8.750	0.7567	9.467	0.7089	10.183	0.6632
8.767	0.7548	9.483	0.7048	10.200	0.6617
8.783	0.7543	9.500	0.7065	10.217	0.6606
8.800	0.7509	9.517	0.7037	10.233	0.6598
8.817	0.7516	9.533	0.7032	10.250	0.6583
8.833	0.7506	9.550	0.7016	10.267	0.6562
8.850	0.7489	9.567	0.6998	10.283	0.658
8.867	0.7478	9.583	0.6996	10.300	0.6557
8.883	0.7461	9.600	0.6978	10.317	0.6542
8.900	0.7454	9.617	0.6984	10.333	0.6544
8.917	0.7446	9.633	0.696	10.350	0.6528
8.933	0.7415	9.650	0.6967	10.367	0.6525
8.950	0.7431	9.667	0.6952	10.383	0.6497
8.967	0.7414	9.683	0.6936	10.400	0.6508
8.983	0.7395	9.700	0.6931	10.417	0.6487
9.000	0.7398	9.717	0.6919	10.433	0.6472
9.017	0.7385	9.733	0.6916	10.450	0.6471
9.033	0.7384	9.750	0.6897	10.467	0.6454
9.050	0.7361	9.767	0.6882	10.483	0.6444
9.067	0.7342	9.783	0.6876	10.500	0.6444
9.083	0.7337	9.800	0.6863	10.517	0.6433
9.100	0.7333	9.817	0.6854	10.533	0.642
9.117	0.7318	9.833	0.685	10.550	0.6395
9.133	0.7306	9.850	0.6825	10.567	0.639
9.150	0.7286	9.867	0.6823	10.583	0.6392
9.167	0.7268	9.883	0.6807	10.600	0.6371
9.183	0.727	9.900	0.6798	10.617	0.6368
9.200	0.7252	9.917	0.679	10.633	0.635

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
10.650	0.6341	11.367	0.5951	12.083	0.5574
10.667	0.6329	11.383	0.5948	12.100	0.5581
10.683	0.632	11.400	0.5927	12.117	0.5563
10.700	0.6319	11.417	0.5935	12.133	0.5544
10.717	0.6297	11.433	0.5923	12.150	0.555
10.733	0.6291	11.450	0.5918	12.167	0.5539
10.750	0.6275	11.467	0.5914	12.183	0.5541
10.767	0.6267	11.483	0.5905	12.200	0.5513
10.783	0.6272	11.500	0.5882	12.217	0.5511
10.800	0.6265	11.517	0.5874	12.233	0.5504
10.817	0.625	11.533	0.5864	12.250	0.5498
10.833	0.6248	11.550	0.5853	12.267	0.5494
10.850	0.6236	11.567	0.5848	12.283	0.549
10.867	0.6222	11.583	0.5846	12.300	0.548
10.883	0.6204	11.600	0.5828	12.317	0.5466
10.900	0.6213	11.617	0.582	12.333	0.5466
10.917	0.6204	11.633	0.5822	12.350	0.5451
10.933	0.6187	11.650	0.5813	12.367	0.5459
10.950	0.6183	11.667	0.5804	12.383	0.5438
10.967	0.6167	11.683	0.5786	12.400	0.5432
10.983	0.6161	11.700	0.5772	12.417	0.5422
11.000	0.6141	11.717	0.5769	12.433	0.5417
11.017	0.6138	11.733	0.5772	12.450	0.5416
11.033	0.6139	11.750	0.5765	12.467	0.5408
11.050	0.613	11.767	0.5744	12.483	0.5403
11.067	0.6117	11.783	0.5729	12.500	0.5378
11.083	0.6099	11.800	0.5706	12.517	0.5363
11.100	0.6082	11.817	0.5711	12.533	0.5366
11.117	0.6093	11.833	0.5706	12.550	0.5355
11.133	0.6077	11.850	0.5698	12.567	0.535
11.150	0.6064	11.867	0.5672	12.583	0.5349
11.167	0.6066	11.883	0.568	12.600	0.5357
11.183	0.6051	11.900	0.5665	12.617	0.5329
11.200	0.6062	11.917	0.5658	12.633	0.5321
11.217	0.605	11.933	0.5657	12.650	0.5307
11.233	0.6022	11.950	0.5644	12.667	0.5303
11.250	0.6014	11.967	0.5637	12.683	0.5293
11.267	0.6007	11.983	0.5621	12.700	0.5291
11.283	0.5989	12.000	0.5626	12.717	0.5287
11.300	0.5984	12.017	0.5607	12.733	0.5264
11.317	0.5986	12.033	0.5592	12.750	0.5265
11.333	0.5969	12.050	0.5598	12.767	0.5244
11.350	0.5975	12.067	0.5585	12.783	0.5243

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
12.800	0.5232	13.517	0.4901	14.233	0.4587
12.817	0.5231	13.533	0.49	14.250	0.4591
12.833	0.5215	13.550	0.4889	14.267	0.4579
12.850	0.5205	13.567	0.4877	14.283	0.4552
12.867	0.5202	13.583	0.4853	14.300	0.4555
12.883	0.5196	13.600	0.4859	14.317	0.4544
12.900	0.5194	13.617	0.4848	14.333	0.4529
12.917	0.5188	13.633	0.4845	14.350	0.4521
12.933	0.5175	13.650	0.4852	14.367	0.4519
12.950	0.5153	13.667	0.4825	14.383	0.4509
12.967	0.5152	13.683	0.4822	14.400	0.4509
12.983	0.515	13.700	0.482	14.417	0.4508
13.000	0.5129	13.717	0.4817	14.433	0.4508
13.017	0.5137	13.733	0.48	14.450	0.4479
13.033	0.5129	13.750	0.4789	14.467	0.4492
13.050	0.5111	13.767	0.4786	14.483	0.4474
13.067	0.51	13.783	0.4786	14.500	0.4461
13.083	0.5109	13.800	0.4788	14.517	0.4451
13.100	0.5085	13.817	0.4781	14.533	0.4449
13.117	0.5096	13.833	0.4761	14.550	0.4442
13.133	0.5062	13.850	0.4742	14.567	0.4441
13.150	0.5075	13.867	0.4749	14.583	0.4411
13.167	0.5064	13.883	0.4739	14.600	0.4421
13.183	0.5052	13.900	0.4723	14.617	0.4419
13.200	0.5048	13.917	0.4724	14.633	0.439
13.217	0.5034	13.933	0.4711	14.650	0.4393
13.233	0.5031	13.950	0.4713	14.667	0.439
13.250	0.5028	13.967	0.4688	14.683	0.4387
13.267	0.502	13.983	0.4679	14.700	0.4398
13.283	0.5009	14.000	0.468	14.717	0.4377
13.300	0.4998	14.017	0.4671	14.733	0.4376
13.317	0.4995	14.033	0.4677	14.750	0.4359
13.333	0.5003	14.050	0.4656	14.767	0.4358
13.350	0.4987	14.067	0.4651	14.783	0.434
13.367	0.4977	14.083	0.4654	14.800	0.4334
13.383	0.4957	14.100	0.4636	14.817	0.4342
13.400	0.4963	14.117	0.4614	14.833	0.4343
13.417	0.4947	14.133	0.4611	14.850	0.4326
13.433	0.4944	14.150	0.463	14.867	0.4312
13.450	0.4935	14.167	0.4612	14.883	0.4302
13.467	0.4926	14.183	0.4602	14.900	0.4294
13.483	0.4928	14.200	0.4583	14.917	0.4289
13.500	0.4906	14.217	0.4601	14.933	0.4289

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
14.950	0.4273	15.667	0.4026	16.383	0.3745
14.967	0.4275	15.683	0.3997	16.400	0.3748
14.983	0.4282	15.700	0.3995	16.417	0.3736
15.000	0.4273	15.717	0.4	16.433	0.3731
15.017	0.4259	15.733	0.398	16.450	0.3726
15.033	0.4256	15.750	0.3969	16.467	0.3735
15.050	0.424	15.767	0.3968	16.483	0.3705
15.067	0.4244	15.783	0.3967	16.500	0.3719
15.083	0.4234	15.800	0.3964	16.517	0.3704
15.100	0.4211	15.817	0.3949	16.533	0.3692
15.117	0.4203	15.833	0.3957	16.550	0.368
15.133	0.4201	15.850	0.3949	16.567	0.3669
15.150	0.4207	15.867	0.3933	16.583	0.3673
15.167	0.4204	15.883	0.3919	16.600	0.3649
15.183	0.4183	15.900	0.3925	16.617	0.365
15.200	0.4169	15.917	0.3905	16.633	0.3637
15.217	0.4157	15.933	0.3901	16.650	0.3646
15.233	0.4163	15.950	0.392	16.667	0.3629
15.250	0.4161	15.967	0.3889	16.683	0.3641
15.267	0.4149	15.983	0.3904	16.700	0.3619
15.283	0.4157	16.000	0.3886	16.717	0.3616
15.300	0.4139	16.017	0.3874	16.733	0.3598
15.317	0.414	16.033	0.3875	16.750	0.3606
15.333	0.4132	16.050	0.3857	16.767	0.3594
15.350	0.4117	16.067	0.3854	16.783	0.3583
15.367	0.4127	16.083	0.3854	16.800	0.3588
15.383	0.4102	16.100	0.3843	16.817	0.3582
15.400	0.4094	16.117	0.3839	16.833	0.3565
15.417	0.4095	16.133	0.3838	16.850	0.3562
15.433	0.4092	16.150	0.3819	16.867	0.3567
15.450	0.4082	16.167	0.381	16.883	0.3565
15.467	0.4083	16.183	0.3812	16.900	0.3547
15.483	0.4059	16.200	0.3803	16.917	0.3545
15.500	0.4065	16.217	0.382	16.933	0.3548
15.517	0.4053	16.233	0.3788	16.950	0.3527
15.533	0.4054	16.250	0.3794	16.967	0.3514
15.550	0.4055	16.267	0.3794	16.983	0.3525
15.567	0.4043	16.283	0.3791	17.000	0.3517
15.583	0.403	16.300	0.3774	17.017	0.3515
15.600	0.4035	16.317	0.3767	17.033	0.3504
15.617	0.403	16.333	0.377	17.050	0.3506
15.633	0.4024	16.350	0.3762	17.067	0.3487
15.650	0.4018	16.367	0.3755	17.083	0.3482

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
17.100	0.348	17.817	0.3277	18.533	0.306
17.117	0.3473	17.833	0.3271	18.550	0.3048
17.133	0.3475	17.850	0.3275	18.567	0.3055
17.150	0.3461	17.867	0.3265	18.583	0.3046
17.167	0.3469	17.883	0.3253	18.600	0.3041
17.183	0.3457	17.900	0.3256	18.617	0.3034
17.200	0.3448	17.917	0.324	18.633	0.303
17.217	0.3442	17.933	0.3247	18.650	0.3041
17.233	0.3446	17.950	0.323	18.667	0.3027
17.250	0.3441	17.967	0.3217	18.683	0.3035
17.267	0.3419	17.983	0.3216	18.700	0.302
17.283	0.3431	18.000	0.3219	18.717	0.3023
17.300	0.3406	18.017	0.3212	18.733	0.3017
17.317	0.3417	18.033	0.3211	18.750	0.3012
17.333	0.3403	18.050	0.32	18.767	0.3018
17.350	0.34	18.067	0.3186	18.783	0.3015
17.367	0.3396	18.083	0.3191	18.800	0.2989
17.383	0.3374	18.100	0.3179	18.817	0.2986
17.400	0.3394	18.117	0.3181	18.833	0.2987
17.417	0.3384	18.133	0.317	18.850	0.2983
17.433	0.3367	18.150	0.3172	18.867	0.2978
17.450	0.3376	18.167	0.3161	18.883	0.2972
17.467	0.3389	18.183	0.3153	18.900	0.2983
17.483	0.3364	18.200	0.3154	18.917	0.2964
17.500	0.3355	18.217	0.3145	18.933	0.2954
17.517	0.3363	18.233	0.3149	18.950	0.2966
17.533	0.337	18.250	0.3144	18.967	0.2941
17.550	0.3344	18.267	0.3145	18.983	0.2955
17.567	0.3347	18.283	0.3136	19.000	0.2942
17.583	0.3333	18.300	0.3121	19.017	0.294
17.600	0.3328	18.317	0.3116	19.033	0.2938
17.617	0.3329	18.333	0.3117	19.050	0.2929
17.633	0.3321	18.350	0.3091	19.067	0.2939
17.650	0.3334	18.367	0.3111	19.083	0.2924
17.667	0.3334	18.383	0.3117	19.100	0.2906
17.683	0.332	18.400	0.3094	19.117	0.2929
17.700	0.3315	18.417	0.3092	19.133	0.2916
17.717	0.3319	18.433	0.3093	19.150	0.2898
17.733	0.3305	18.450	0.3075	19.167	0.2896
17.750	0.3297	18.467	0.308	19.183	0.2893
17.767	0.3299	18.483	0.3084	19.200	0.2887
17.783	0.3301	18.500	0.3069	19.217	0.2873
17.800	0.3285	18.517	0.3066	19.233	0.29

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
19.250	0.2871	19.967	0.272	20.683	0.2551
19.267	0.2877	19.983	0.2711	20.700	0.2546
19.283	0.2865	20.000	0.271	20.717	0.2534
19.300	0.286	20.017	0.2699	20.733	0.2533
19.317	0.2852	20.033	0.2705	20.750	0.2529
19.333	0.2865	20.050	0.2689	20.767	0.2527
19.350	0.2857	20.067	0.2679	20.783	0.2524
19.367	0.2845	20.083	0.2687	20.800	0.2532
19.383	0.2841	20.100	0.2671	20.817	0.2525
19.400	0.2851	20.117	0.2677	20.833	0.2513
19.417	0.2839	20.133	0.2673	20.850	0.2513
19.433	0.284	20.150	0.267	20.867	0.2519
19.450	0.2825	20.167	0.2673	20.883	0.2524
19.467	0.2822	20.183	0.2654	20.900	0.2504
19.483	0.2814	20.200	0.265	20.917	0.2488
19.500	0.2822	20.217	0.2645	20.933	0.2499
19.517	0.2812	20.233	0.2651	20.950	0.2506
19.533	0.2812	20.250	0.2633	20.967	0.2503
19.550	0.2811	20.267	0.2644	20.983	0.2479
19.567	0.281	20.283	0.2632	21.000	0.2494
19.583	0.2782	20.300	0.2622	21.017	0.249
19.600	0.2792	20.317	0.264	21.033	0.2482
19.617	0.2783	20.333	0.2626	21.050	0.2503
19.633	0.2775	20.350	0.264	21.067	0.25
19.650	0.2784	20.367	0.2635	21.083	0.2478
19.667	0.2788	20.383	0.2637	21.100	0.2477
19.683	0.2758	20.400	0.2628	21.117	0.2468
19.700	0.2772	20.417	0.2629	21.133	0.2463
19.717	0.2771	20.433	0.2617	21.150	0.2472
19.733	0.2764	20.450	0.263	21.167	0.2454
19.750	0.2757	20.467	0.2621	21.183	0.2451
19.767	0.2751	20.483	0.2592	21.200	0.2447
19.783	0.2748	20.500	0.2609	21.217	0.2447
19.800	0.2745	20.517	0.2596	21.233	0.2429
19.817	0.2734	20.533	0.2587	21.250	0.2447
19.833	0.2732	20.550	0.2585	21.267	0.2443
19.850	0.2747	20.567	0.2574	21.283	0.2428
19.867	0.2732	20.583	0.2588	21.300	0.2428
19.883	0.2737	20.600	0.2576	21.317	0.2428
19.900	0.274	20.617	0.2577	21.333	0.2421
19.917	0.273	20.633	0.2551	21.350	0.2402
19.933	0.2717	20.650	0.2549	21.367	0.2382
19.950	0.2704	20.667	0.2548	21.383	0.2414

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
21.400	0.2405	22.117	0.2269	22.833	0.2157
21.417	0.2397	22.133	0.2271	22.850	0.215
21.433	0.239	22.150	0.2257	22.867	0.2142
21.450	0.239	22.167	0.2259	22.883	0.2141
21.467	0.2375	22.183	0.2259	22.900	0.2133
21.483	0.2384	22.200	0.2264	22.917	0.2136
21.500	0.2384	22.217	0.2264	22.933	0.213
21.517	0.2384	22.233	0.2254	22.950	0.2126
21.533	0.2381	22.250	0.2266	22.967	0.2136
21.550	0.2373	22.267	0.2251	22.983	0.2135
21.567	0.2378	22.283	0.2253	23.000	0.2118
21.583	0.2361	22.300	0.2236	23.017	0.2123
21.600	0.2367	22.317	0.2224	23.033	0.2123
21.617	0.2368	22.333	0.2236	23.050	0.2122
21.633	0.2362	22.350	0.2236	23.067	0.2104
21.650	0.2335	22.367	0.2224	23.083	0.2094
21.667	0.2346	22.383	0.2228	23.100	0.211
21.683	0.2337	22.400	0.222	23.117	0.2099
21.700	0.2332	22.417	0.2212	23.133	0.2091
21.717	0.234	22.433	0.2218	23.150	0.209
21.733	0.234	22.450	0.2223	23.167	0.2093
21.750	0.2332	22.467	0.2216	23.183	0.2079
21.767	0.2338	22.483	0.2207	23.200	0.209
21.783	0.2329	22.500	0.2197	23.217	0.2087
21.800	0.2322	22.517	0.2208	23.233	0.2088
21.817	0.2333	22.533	0.2199	23.250	0.2077
21.833	0.2323	22.550	0.2199	23.267	0.2086
21.850	0.2312	22.567	0.2207	23.283	0.2084
21.867	0.2324	22.583	0.2204	23.300	0.2063
21.883	0.2316	22.600	0.2193	23.317	0.2065
21.900	0.233	22.617	0.2189	23.333	0.2058
21.917	0.2312	22.633	0.2192	23.350	0.2053
21.933	0.2319	22.650	0.2177	23.367	0.2059
21.950	0.2301	22.667	0.2173	23.383	0.2047
21.967	0.2286	22.683	0.2167	23.400	0.2054
21.983	0.2303	22.700	0.2169	23.417	0.204
22.000	0.2292	22.717	0.2169	23.433	0.2034
22.017	0.2286	22.733	0.2159	23.450	0.2031
22.033	0.2293	22.750	0.2164	23.467	0.2035
22.050	0.2283	22.767	0.2168	23.483	0.2037
22.067	0.2279	22.783	0.215	23.500	0.2026
22.083	0.2275	22.800	0.2151	23.517	0.2019
22.100	0.2278	22.817	0.2148	23.533	0.2029

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
23.550	0.2025	24.267	0.1881	24.983	0.1773
23.567	0.202	24.283	0.188	25.000	0.1756
23.583	0.2012	24.300	0.1885	25.017	0.1756
23.600	0.2011	24.317	0.1888	25.033	0.1756
23.617	0.2	24.333	0.1877	25.050	0.176
23.633	0.2001	24.350	0.1873	25.067	0.1754
23.650	0.1986	24.367	0.1881	25.083	0.1754
23.667	0.1997	24.383	0.1881	25.100	0.1755
23.683	0.198	24.400	0.188	25.117	0.1753
23.700	0.1971	24.417	0.187	25.133	0.1753
23.717	0.1965	24.433	0.1872	25.150	0.1744
23.733	0.1953	24.450	0.1868	25.167	0.1743
23.750	0.1977	24.467	0.1847	25.183	0.1743
23.767	0.1966	24.483	0.1845	25.200	0.1723
23.783	0.195	24.500	0.1859	25.217	0.1734
23.800	0.1958	24.517	0.1834	25.233	0.1719
23.817	0.1949	24.533	0.1847	25.250	0.1722
23.833	0.1953	24.550	0.1843	25.267	0.1725
23.850	0.1944	24.567	0.1841	25.283	0.1702
23.867	0.1957	24.583	0.1839	25.300	0.1717
23.883	0.1935	24.600	0.1825	25.317	0.1722
23.900	0.1948	24.617	0.1844	25.333	0.1703
23.917	0.1939	24.633	0.1824	25.350	0.1714
23.933	0.1951	24.650	0.1816	25.367	0.1698
23.950	0.1937	24.667	0.1817	25.383	0.1712
23.967	0.1934	24.683	0.1819	25.400	0.1699
23.983	0.194	24.700	0.182	25.417	0.1702
24.000	0.1924	24.717	0.1799	25.433	0.1687
24.017	0.1926	24.733	0.1813	25.450	0.1708
24.033	0.1942	24.750	0.1813	25.467	0.1692
24.050	0.1926	24.767	0.1806	25.483	0.1701
24.067	0.1915	24.783	0.1797	25.500	0.1692
24.083	0.1928	24.800	0.1799	25.517	0.1696
24.100	0.1922	24.817	0.1794	25.533	0.1685
24.117	0.1902	24.833	0.1806	25.550	0.168
24.133	0.1924	24.850	0.1796	25.567	0.1691
24.150	0.1916	24.867	0.178	25.583	0.1688
24.167	0.1908	24.883	0.1786	25.600	0.1673
24.183	0.1911	24.900	0.1801	25.617	0.1687
24.200	0.1903	24.917	0.1786	25.633	0.1658
24.217	0.1903	24.933	0.1776	25.650	0.1671
24.233	0.1896	24.950	0.1774	25.667	0.1648
24.250	0.1909	24.967	0.1774	25.683	0.1673

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
25.700	0.1641	26.417	0.1555	27.133	0.1439
25.717	0.1649	26.433	0.1538	27.150	0.1452
25.733	0.1638	26.450	0.1539	27.167	0.1446
25.750	0.1649	26.467	0.1542	27.183	0.1434
25.767	0.1654	26.483	0.1539	27.200	0.1443
25.783	0.163	26.500	0.1527	27.217	0.1435
25.800	0.1636	26.517	0.1542	27.233	0.1439
25.817	0.1627	26.533	0.1509	27.250	0.1426
25.833	0.1627	26.550	0.1536	27.267	0.1429
25.850	0.1625	26.567	0.1553	27.283	0.1439
25.867	0.163	26.583	0.1563	27.300	0.142
25.883	0.1637	26.600	0.1541	27.317	0.1421
25.900	0.1628	26.617	0.1517	27.333	0.1425
25.917	0.1623	26.633	0.1537	27.350	0.1432
25.933	0.1628	26.650	0.152	27.367	0.141
25.950	0.162	26.667	0.153	27.383	0.1423
25.967	0.1611	26.683	0.1506	27.400	0.1419
25.983	0.1597	26.700	0.1511	27.417	0.1417
26.000	0.1612	26.717	0.1501	27.433	0.1407
26.017	0.1604	26.733	0.1514	27.450	0.142
26.033	0.16	26.750	0.1486	27.467	0.1413
26.050	0.1596	26.767	0.15	27.483	0.1388
26.067	0.1596	26.783	0.15	27.500	0.1398
26.083	0.1601	26.800	0.1496	27.517	0.1401
26.100	0.1577	26.817	0.1497	27.533	0.1391
26.117	0.1586	26.833	0.1477	27.550	0.1405
26.133	0.1591	26.850	0.1482	27.567	0.1397
26.150	0.1581	26.867	0.1494	27.583	0.1391
26.167	0.1574	26.883	0.1489	27.600	0.139
26.183	0.1588	26.900	0.1477	27.617	0.1391
26.200	0.1582	26.917	0.1491	27.633	0.1399
26.217	0.1591	26.933	0.1481	27.650	0.1387
26.233	0.1563	26.950	0.1477	27.667	0.1388
26.250	0.1614	26.967	0.1464	27.683	0.1382
26.267	0.1562	26.983	0.1479	27.700	0.1384
26.283	0.1583	27.000	0.1459	27.717	0.1378
26.300	0.1541	27.017	0.1464	27.733	0.1376
26.317	0.1553	27.033	0.146	27.750	0.138
26.333	0.1564	27.050	0.1463	27.767	0.137
26.350	0.1567	27.067	0.145	27.783	0.1373
26.367	0.1559	27.083	0.1457	27.800	0.1358
26.383	0.1488	27.100	0.1457	27.817	0.1355
26.400	0.1524	27.117	0.1461	27.833	0.1362

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
27.850	0.1353	28.567	0.128	29.283	0.119
27.867	0.135	28.583	0.1277	29.300	0.1184
27.883	0.1349	28.600	0.1276	29.317	0.1176
27.900	0.1356	28.617	0.1272	29.333	0.1177
27.917	0.1359	28.633	0.1258	29.350	0.1183
27.933	0.1347	28.650	0.1278	29.367	0.1194
27.950	0.1348	28.667	0.1247	29.383	0.1176
27.967	0.1352	28.683	0.127	29.400	0.1174
27.983	0.1338	28.700	0.1267	29.417	0.1173
28.000	0.1329	28.717	0.1246	29.433	0.1162
28.017	0.1334	28.733	0.1251	29.450	0.117
28.033	0.1333	28.750	0.125	29.467	0.1183
28.050	0.1337	28.767	0.1248	29.483	0.1167
28.067	0.1321	28.783	0.1256	29.500	0.1166
28.083	0.1321	28.800	0.1247	29.517	0.1155
28.100	0.1329	28.817	0.1236	29.533	0.1155
28.117	0.1334	28.833	0.1235	29.550	0.1146
28.133	0.131	28.850	0.1235	29.567	0.1166
28.150	0.1327	28.867	0.1231	29.583	0.1158
28.167	0.1317	28.883	0.1241	29.600	0.1149
28.183	0.1306	28.900	0.1236	29.617	0.1146
28.200	0.1311	28.917	0.1216	29.633	0.1143
28.217	0.131	28.933	0.1227	29.650	0.1138
28.233	0.1307	28.950	0.1219	29.667	0.1145
28.250	0.1317	28.967	0.1211	29.683	0.1151
28.267	0.131	28.983	0.1217	29.700	0.1145
28.283	0.1316	29.000	0.1215	29.717	0.1136
28.300	0.1308	29.017	0.1216	29.733	0.1131
28.317	0.1293	29.033	0.1212	29.750	0.1128
28.333	0.1304	29.050	0.1212	29.767	0.1148
28.350	0.1288	29.067	0.1209	29.783	0.1123
28.367	0.1307	29.083	0.1206	29.800	0.113
28.383	0.1302	29.100	0.1194	29.817	0.1127
28.400	0.1293	29.117	0.1199	29.833	0.1128
28.417	0.1291	29.133	0.1205	29.850	0.1134
28.433	0.1302	29.150	0.1199	29.867	0.1135
28.450	0.1286	29.167	0.1218	29.883	0.1125
28.467	0.1295	29.183	0.1198	29.900	0.1139
28.483	0.1294	29.200	0.1192	29.917	0.1124
28.500	0.1294	29.217	0.1203	29.933	0.1125
28.517	0.1279	29.233	0.1178	29.950	0.112
28.533	0.1291	29.250	0.1177	29.967	0.1114
28.550	0.1294	29.267	0.1176	29.983	0.1133

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
30.000	0.1103	30.717	0.1045	31.433	0.099
30.017	0.1119	30.733	0.104	31.450	0.0988
30.033	0.1104	30.750	0.1057	31.467	0.0982
30.050	0.112	30.767	0.1046	31.483	0.0991
30.067	0.1103	30.783	0.1051	31.500	0.0985
30.083	0.11	30.800	0.1049	31.517	0.0981
30.100	0.109	30.817	0.1048	31.533	0.0972
30.117	0.1109	30.833	0.1039	31.550	0.0981
30.133	0.1096	30.850	0.1046	31.567	0.098
30.150	0.1103	30.867	0.105	31.583	0.0974
30.167	0.1091	30.883	0.1043	31.600	0.0979
30.183	0.111	30.900	0.1048	31.617	0.0975
30.200	0.1097	30.917	0.1027	31.633	0.0983
30.217	0.1087	30.933	0.1032	31.650	0.0974
30.233	0.109	30.950	0.1027	31.667	0.0976
30.250	0.1105	30.967	0.1042	31.683	0.0961
30.267	0.1092	30.983	0.1043	31.700	0.0978
30.283	0.1086	31.000	0.1046	31.717	0.097
30.300	0.108	31.017	0.1035	31.733	0.097
30.317	0.1087	31.033	0.1041	31.750	0.098
30.333	0.1095	31.050	0.1039	31.767	0.0961
30.350	0.1091	31.067	0.1043	31.783	0.0958
30.367	0.1096	31.083	0.1029	31.800	0.0949
30.383	0.1082	31.100	0.1039	31.817	0.0966
30.400	0.1082	31.117	0.102	31.833	0.095
30.417	0.1074	31.133	0.1028	31.850	0.0958
30.433	0.1086	31.150	0.1023	31.867	0.0947
30.450	0.1088	31.167	0.1019	31.883	0.0954
30.467	0.1076	31.183	0.1024	31.900	0.0956
30.483	0.1075	31.200	0.1019	31.917	0.095
30.500	0.1068	31.217	0.1015	31.933	0.0945
30.517	0.1067	31.233	0.102	31.950	0.0931
30.533	0.1078	31.250	0.1012	31.967	0.0942
30.550	0.1067	31.267	0.0992	31.983	0.093
30.567	0.108	31.283	0.0995	32.000	0.093
30.583	0.1059	31.300	0.0997	32.017	0.0934
30.600	0.1054	31.317	0.1	32.033	0.0953
30.617	0.1074	31.333	0.0987	32.050	0.0935
30.633	0.1062	31.350	0.0998	32.067	0.0932
30.650	0.1063	31.367	0.1002	32.083	0.0932
30.667	0.1044	31.383	0.0996	32.100	0.0923
30.683	0.1058	31.400	0.1001	32.117	0.0916
30.700	0.1046	31.417	0.0982	32.133	0.093

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
32.150	0.0921	32.867	0.0881	33.583	0.0833
32.167	0.0926	32.883	0.087	33.600	0.0812
32.183	0.0933	32.900	0.0872	33.617	0.0825
32.200	0.0922	32.917	0.0881	33.633	0.0828
32.217	0.0916	32.933	0.0868	33.650	0.0829
32.233	0.0926	32.950	0.087	33.667	0.0826
32.250	0.0909	32.967	0.0878	33.683	0.0828
32.267	0.092	32.983	0.0868	33.700	0.0824
32.283	0.0917	33.000	0.0868	33.717	0.0814
32.300	0.0912	33.017	0.0873	33.733	0.0811
32.317	0.0917	33.033	0.087	33.750	0.0814
32.333	0.0915	33.050	0.087	33.767	0.0829
32.350	0.0922	33.067	0.0855	33.783	0.0827
32.367	0.091	33.083	0.0872	33.800	0.0825
32.383	0.091	33.100	0.0885	33.817	0.0815
32.400	0.0901	33.117	0.0869	33.833	0.0821
32.417	0.0913	33.133	0.0871	33.850	0.0821
32.433	0.0913	33.150	0.0869	33.867	0.0802
32.450	0.0898	33.167	0.0852	33.883	0.0802
32.467	0.0906	33.183	0.0852	33.900	0.0819
32.483	0.0907	33.200	0.0868	33.917	0.0818
32.500	0.0897	33.217	0.0849	33.933	0.0807
32.517	0.0898	33.233	0.0872	33.950	0.0811
32.533	0.0887	33.250	0.0852	33.967	0.0817
32.550	0.09	33.267	0.0857	33.983	0.0808
32.567	0.0896	33.283	0.0869	34.000	0.0815
32.583	0.0889	33.300	0.0854	34.017	0.0795
32.600	0.091	33.317	0.0853	34.033	0.0809
32.617	0.0895	33.333	0.0864	34.050	0.0819
32.633	0.0893	33.350	0.0844	34.067	0.079
32.650	0.0878	33.367	0.0847	34.083	0.0804
32.667	0.0877	33.383	0.085	34.100	0.0803
32.683	0.0879	33.400	0.0847	34.117	0.0816
32.700	0.0887	33.417	0.0832	34.133	0.0806
32.717	0.0887	33.433	0.0838	34.150	0.0797
32.733	0.0888	33.450	0.086	34.167	0.0791
32.750	0.0892	33.467	0.0839	34.183	0.0792
32.767	0.0879	33.483	0.0852	34.200	0.0808
32.783	0.0884	33.500	0.0835	34.217	0.0793
32.800	0.0884	33.517	0.0829	34.233	0.0802
32.817	0.0877	33.533	0.0828	34.250	0.0799
32.833	0.0878	33.550	0.0839	34.267	0.08
32.850	0.0879	33.567	0.0822	34.283	0.0782

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
34.300	0.0784	35.017	0.0719	35.733	0.0677
34.317	0.0782	35.033	0.0734	35.750	0.0671
34.333	0.0775	35.050	0.0722	35.767	0.0681
34.350	0.0775	35.067	0.0722	35.783	0.068
34.367	0.0785	35.083	0.0725	35.800	0.0678
34.383	0.0771	35.100	0.0724	35.817	0.0664
34.400	0.0775	35.117	0.0722	35.833	0.066
34.417	0.0767	35.133	0.0724	35.850	0.0665
34.433	0.0784	35.150	0.0713	35.867	0.0668
34.450	0.0776	35.167	0.071	35.883	0.0673
34.467	0.0774	35.183	0.0708	35.900	0.0653
34.483	0.0784	35.200	0.0712	35.917	0.0669
34.500	0.0783	35.217	0.0724	35.933	0.0668
34.517	0.0783	35.233	0.0726	35.950	0.0659
34.533	0.0769	35.250	0.0716	35.967	0.0655
34.550	0.078	35.267	0.0725	35.983	0.0653
34.567	0.0771	35.283	0.0715	36.000	0.067
34.583	0.077	35.300	0.0718	36.017	0.0647
34.600	0.0754	35.317	0.0706	36.033	0.0649
34.617	0.0771	35.333	0.0714	36.050	0.0664
34.633	0.0753	35.350	0.0704	36.067	0.0657
34.650	0.0765	35.367	0.0704	36.083	0.0643
34.667	0.0763	35.383	0.0706	36.100	0.0646
34.683	0.0762	35.400	0.0698	36.117	0.0652
34.700	0.0748	35.417	0.0702	36.133	0.0643
34.717	0.075	35.433	0.0702	36.150	0.0646
34.733	0.0751	35.450	0.0688	36.167	0.0651
34.750	0.0749	35.467	0.0682	36.183	0.0641
34.767	0.0746	35.483	0.0696	36.200	0.0642
34.783	0.0749	35.500	0.0675	36.217	0.0642
34.800	0.0749	35.517	0.0697	36.233	0.0634
34.817	0.0755	35.533	0.0689	36.250	0.0633
34.833	0.074	35.550	0.0685	36.267	0.0636
34.850	0.0742	35.567	0.068	36.283	0.0648
34.867	0.0734	35.583	0.0694	36.300	0.0632
34.883	0.0735	35.600	0.0678	36.317	0.0641
34.900	0.0748	35.617	0.0687	36.333	0.0624
34.917	0.0731	35.633	0.0676	36.350	0.0624
34.933	0.074	35.650	0.0691	36.367	0.0628
34.950	0.0723	35.667	0.0689	36.383	0.0636
34.967	0.0727	35.683	0.0691	36.400	0.0641
34.983	0.0738	35.700	0.0684	36.417	0.0627
35.000	0.0733	35.717	0.0674	36.433	0.0639

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
36.450	0.0642	37.167	0.0586	37.883	0.0579
36.467	0.0627	37.183	0.0578	37.900	0.056
36.483	0.0618	37.200	0.0579	37.917	0.0567
36.500	0.0628	37.217	0.0587	37.933	0.0574
36.517	0.062	37.233	0.0584	37.950	0.057
36.533	0.0627	37.250	0.0597	37.967	0.0587
36.550	0.0622	37.267	0.0591	37.983	0.0574
36.567	0.0623	37.283	0.0577	38.000	0.058
36.583	0.0617	37.300	0.0583	38.017	0.0558
36.600	0.0626	37.317	0.0584	38.033	0.0582
36.617	0.0613	37.333	0.0585	38.050	0.0572
36.633	0.0622	37.350	0.0582	38.067	0.0567
36.650	0.062	37.367	0.0575	38.083	0.0581
36.667	0.0611	37.383	0.0576	38.100	0.055
36.683	0.0616	37.400	0.0576	38.117	0.0569
36.700	0.0614	37.417	0.0581	38.133	0.0566
36.717	0.0617	37.433	0.0585	38.150	0.0564
36.733	0.0607	37.450	0.0581	38.167	0.0577
36.750	0.0609	37.467	0.0589	38.183	0.056
36.767	0.0615	37.483	0.0585	38.200	0.0562
36.783	0.0613	37.500	0.0587	38.217	0.0572
36.800	0.0605	37.517	0.0582	38.233	0.0574
36.817	0.061	37.533	0.0582	38.250	0.0571
36.833	0.06	37.550	0.0578	38.267	0.0569
36.850	0.0599	37.567	0.0572	38.283	0.0567
36.867	0.0608	37.583	0.0576	38.300	0.0552
36.883	0.0593	37.600	0.0592	38.317	0.0555
36.900	0.0602	37.617	0.0594	38.333	0.0567
36.917	0.0595	37.633	0.0586	38.350	0.0546
36.933	0.0604	37.650	0.0579	38.367	0.057
36.950	0.0613	37.667	0.0568	38.383	0.0551
36.967	0.0598	37.683	0.0578	38.400	0.0555
36.983	0.0612	37.700	0.058	38.417	0.0556
37.000	0.0602	37.717	0.0583	38.433	0.055
37.017	0.06	37.733	0.0585	38.450	0.055
37.033	0.0588	37.750	0.0584	38.467	0.0539
37.050	0.0603	37.767	0.0573	38.483	0.0559
37.067	0.0593	37.783	0.0569	38.500	0.0545
37.083	0.0601	37.800	0.0571	38.517	0.0552
37.100	0.0603	37.817	0.0578	38.533	0.0551
37.117	0.0596	37.833	0.0566	38.550	0.0544
37.133	0.0595	37.850	0.0577	38.567	0.0539
37.150	0.059	37.867	0.0558	38.583	0.0545

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
38.600	0.0544	39.317	0.0505	40.033	0.0471
38.617	0.0543	39.333	0.0507	40.050	0.047
38.633	0.0537	39.350	0.0501	40.067	0.0471
38.650	0.0543	39.367	0.0497	40.083	0.0472
38.667	0.0529	39.383	0.0512	40.100	0.0478
38.683	0.0538	39.400	0.0503	40.117	0.0473
38.700	0.054	39.417	0.0503	40.133	0.0472
38.717	0.0529	39.433	0.0506	40.150	0.0471
38.733	0.0539	39.450	0.0499	40.167	0.0475
38.750	0.0533	39.467	0.0506	40.183	0.0474
38.767	0.0522	39.483	0.0495	40.200	0.0472
38.783	0.0546	39.500	0.0485	40.217	0.0466
38.800	0.054	39.517	0.0503	40.233	0.0472
38.817	0.0535	39.533	0.0488	40.250	0.046
38.833	0.052	39.550	0.0496	40.267	0.0465
38.850	0.0518	39.567	0.0512	40.283	0.0466
38.867	0.0528	39.583	0.0503	40.300	0.0464
38.883	0.0521	39.600	0.0501	40.317	0.0464
38.900	0.0522	39.617	0.0504	40.333	0.0475
38.917	0.0506	39.633	0.0506	40.350	0.0471
38.933	0.0517	39.650	0.0491	40.367	0.0454
38.950	0.0522	39.667	0.05	40.383	0.0458
38.967	0.0507	39.683	0.0499	40.400	0.0454
38.983	0.0523	39.700	0.0507	40.417	0.0461
39.000	0.0514	39.717	0.0498	40.433	0.0458
39.017	0.0506	39.733	0.0495	40.450	0.0454
39.033	0.0507	39.750	0.049	40.467	0.0448
39.050	0.0511	39.767	0.0492	40.483	0.0451
39.067	0.0522	39.783	0.0485	40.500	0.0451
39.083	0.0516	39.800	0.0494	40.517	0.045
39.100	0.0503	39.817	0.049	40.533	0.0438
39.117	0.0524	39.833	0.0489	40.550	0.0445
39.133	0.0519	39.850	0.0486	40.567	0.0452
39.150	0.0512	39.867	0.0486	40.583	0.0435
39.167	0.0512	39.883	0.0487	40.600	0.0449
39.183	0.051	39.900	0.0481	40.617	0.0438
39.200	0.0507	39.917	0.0479	40.633	0.0438
39.217	0.0507	39.933	0.0481	40.650	0.0433
39.233	0.0507	39.950	0.0484	40.667	0.0438
39.250	0.0519	39.967	0.0486	40.683	0.0433
39.267	0.0517	39.983	0.0466	40.700	0.0434
39.283	0.0489	40.000	0.0489	40.717	0.0434
39.300	0.0504	40.017	0.0485	40.733	0.0423

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
40.750	0.0409	41.467	0.0403	42.183	0.0387
40.767	0.0424	41.483	0.0403	42.200	0.0372
40.783	0.043	41.500	0.0398	42.217	0.037
40.800	0.0432	41.517	0.039	42.233	0.0369
40.817	0.0439	41.533	0.0391	42.250	0.0376
40.833	0.0442	41.550	0.0396	42.267	0.0383
40.850	0.043	41.567	0.0396	42.283	0.0368
40.867	0.0418	41.583	0.0394	42.300	0.0378
40.883	0.0423	41.600	0.0399	42.317	0.0381
40.900	0.0428	41.617	0.0394	42.333	0.0387
40.917	0.043	41.633	0.0382	42.350	0.0374
40.933	0.042	41.650	0.0395	42.367	0.0377
40.950	0.0413	41.667	0.0374	42.383	0.0363
40.967	0.0419	41.683	0.0384	42.400	0.037
40.983	0.042	41.700	0.0384	42.417	0.0368
41.000	0.0426	41.717	0.0383	42.433	0.0372
41.017	0.0426	41.733	0.0393	42.450	0.0375
41.033	0.0418	41.750	0.0372	42.467	0.0368
41.050	0.0412	41.767	0.0381	42.483	0.0359
41.067	0.0418	41.783	0.0384	42.500	0.0371
41.083	0.0428	41.800	0.0383	42.517	0.0371
41.100	0.04	41.817	0.0382	42.533	0.037
41.117	0.041	41.833	0.0379	42.550	0.0365
41.133	0.04	41.850	0.0385	42.567	0.0361
41.150	0.0419	41.867	0.0386	42.583	0.0364
41.167	0.0413	41.883	0.0394	42.600	0.0365
41.183	0.0407	41.900	0.0381	42.617	0.0359
41.200	0.0411	41.917	0.0379	42.633	0.0358
41.217	0.0398	41.933	0.0395	42.650	0.0355
41.233	0.0392	41.950	0.0367	42.667	0.036
41.250	0.0398	41.967	0.0377	42.683	0.0354
41.267	0.0407	41.983	0.0384	42.700	0.0358
41.283	0.0392	42.000	0.0382	42.717	0.0339
41.300	0.041	42.017	0.0377	42.733	0.0357
41.317	0.0402	42.033	0.0379	42.750	0.0365
41.333	0.0412	42.050	0.0388	42.767	0.0359
41.350	0.0398	42.067	0.0378	42.783	0.0349
41.367	0.0399	42.083	0.0377	42.800	0.0351
41.383	0.0402	42.100	0.0378	42.817	0.0344
41.400	0.039	42.117	0.0381	42.833	0.0355
41.417	0.0399	42.133	0.0379	42.850	0.0341
41.433	0.0395	42.150	0.0364	42.867	0.035
41.450	0.0405	42.167	0.0373	42.883	0.0351

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
42.900	0.035	43.617	0.0308	44.333	0.0263
42.917	0.035	43.633	0.0326	44.350	0.0267
42.933	0.0358	43.650	0.0328	44.367	0.0271
42.950	0.0339	43.667	0.031	44.383	0.0268
42.967	0.0345	43.683	0.0308	44.400	0.0265
42.983	0.0346	43.700	0.0319	44.417	0.0265
43.000	0.0348	43.717	0.0302	44.433	0.0253
43.017	0.0336	43.733	0.0307	44.450	0.0259
43.033	0.0338	43.750	0.0306	44.467	0.0268
43.050	0.0343	43.767	0.0317	44.483	0.0257
43.067	0.0335	43.783	0.0319	44.500	0.026
43.083	0.0341	43.800	0.0311	44.517	0.0256
43.100	0.034	43.817	0.0302	44.533	0.0252
43.117	0.0342	43.833	0.0305	44.550	0.0248
43.133	0.0339	43.850	0.0313	44.567	0.0265
43.150	0.0337	43.867	0.0299	44.583	0.0267
43.167	0.0331	43.883	0.0288	44.600	0.0258
43.183	0.0328	43.900	0.0297	44.617	0.0255
43.200	0.0339	43.917	0.0305	44.633	0.0268
43.217	0.034	43.933	0.031	44.650	0.0267
43.233	0.033	43.950	0.0312	44.667	0.026
43.250	0.0338	43.967	0.03	44.683	0.0251
43.267	0.0325	43.983	0.0307	44.700	0.0262
43.283	0.0329	44.000	0.029	44.717	0.0243
43.300	0.0334	44.017	0.03	44.733	0.0271
43.317	0.0325	44.033	0.0298	44.750	0.0257
43.333	0.0329	44.050	0.0289	44.767	0.0246
43.350	0.0346	44.067	0.0292	44.783	0.0258
43.367	0.0327	44.083	0.0289	44.800	0.0255
43.383	0.0344	44.100	0.0287	44.817	0.0252
43.400	0.0331	44.117	0.0293	44.833	0.0252
43.417	0.0348	44.133	0.0285	44.850	0.0239
43.433	0.0335	44.150	0.028	44.867	0.0241
43.450	0.0323	44.167	0.0285	44.883	0.0257
43.467	0.0334	44.183	0.0282	44.900	0.0261
43.483	0.0325	44.200	0.0276	44.917	0.0251
43.500	0.0344	44.217	0.027	44.933	0.0235
43.517	0.0333	44.233	0.0285	44.950	0.0249
43.533	0.0337	44.250	0.0279	44.967	0.0241
43.550	0.0315	44.267	0.028	44.983	0.0248
43.567	0.0309	44.283	0.0281	45.000	0.0246
43.583	0.0315	44.300	0.0269	45.017	0.024
43.600	0.0323	44.317	0.0265	45.033	0.0243

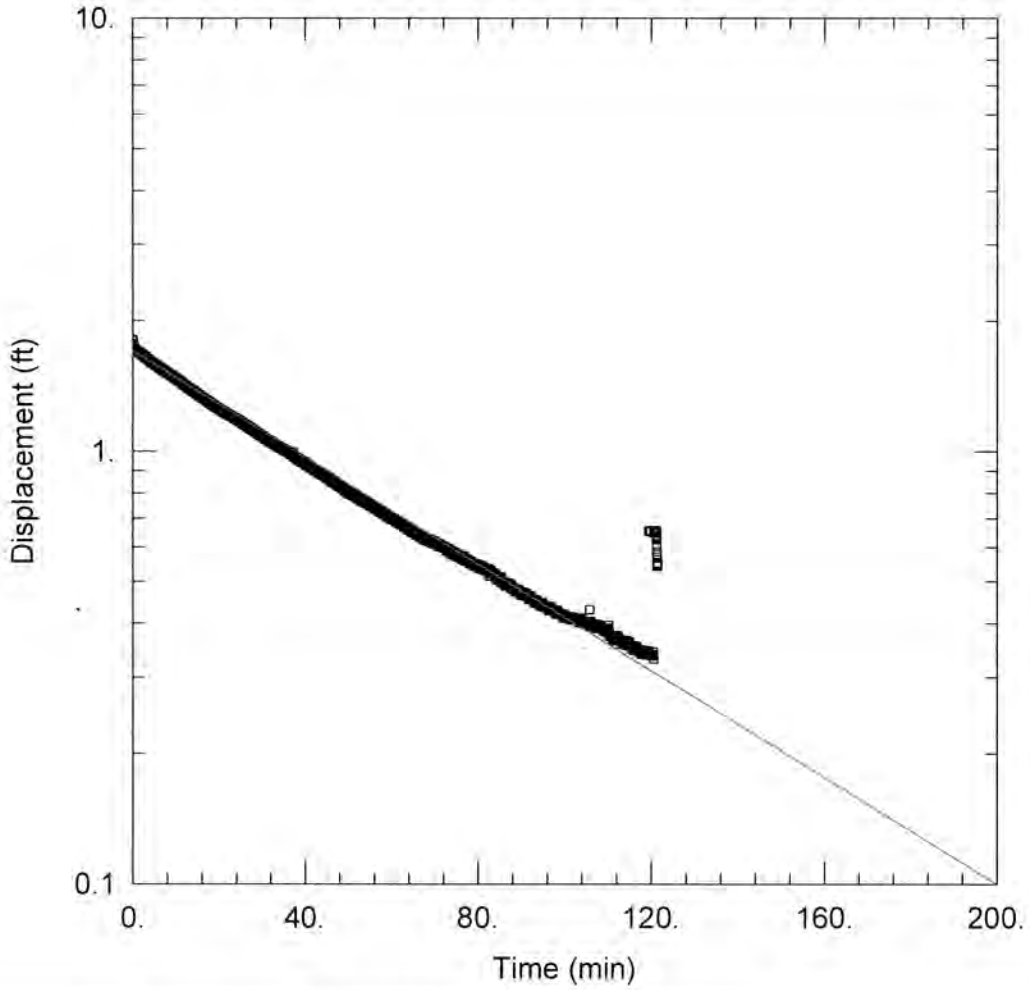
Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
45.050	0.0248	45.767	0.0207	46.483	0.0147
45.067	0.0245	45.783	0.0191	46.500	0.0149
45.083	0.0242	45.800	0.0196	46.517	0.0159
45.100	0.0247	45.817	0.0188	46.533	0.0148
45.117	0.0234	45.833	0.0209	46.550	0.0167
45.133	0.023	45.850	0.0197	46.567	0.015
45.150	0.0228	45.867	0.0189	46.583	0.0145
45.167	0.0219	45.883	0.0201	46.600	0.0134
45.183	0.0234	45.900	0.0201	46.617	0.0147
45.200	0.0227	45.917	0.0202	46.633	0.016
45.217	0.023	45.933	0.0188	46.650	0.0153
45.233	0.023	45.950	0.02	46.667	0.0133
45.250	0.0217	45.967	0.018	46.683	0.0142
45.267	0.0231	45.983	0.02	46.700	0.0139
45.283	0.0228	46.000	0.0184	46.717	0.0144
45.300	0.0232	46.017	0.0178	46.733	0.0138
45.317	0.0234	46.033	0.0179	46.750	0.0145
45.333	0.0221	46.050	0.0182	46.767	0.0145
45.350	0.0228	46.067	0.0184	46.783	0.0123
45.367	0.0236	46.083	0.0187	46.800	0.0124
45.383	0.0224	46.100	0.0169	46.817	0.015
45.400	0.0227	46.117	0.0182	46.833	0.0157
45.417	0.0208	46.133	0.0177	46.850	0.0134
45.433	0.0237	46.150	0.0185	46.867	0.0129
45.450	0.023	46.167	0.0174	46.883	0.0125
45.467	0.0233	46.183	0.0172	46.900	0.0143
45.483	0.0217	46.200	0.017	46.917	0.0131
45.500	0.0218	46.217	0.0168	46.933	0.0143
45.517	0.0234	46.233	0.0183	46.950	0.0118
45.533	0.0219	46.250	0.0169	46.967	0.0132
45.550	0.0203	46.267	0.0176	46.983	0.0126
45.567	0.0198	46.283	0.0175	47.000	0.0133
45.583	0.0215	46.300	0.0175	47.017	0.0131
45.600	0.0204	46.317	0.0154	47.033	0.0142
45.617	0.0213	46.333	0.0159	47.050	0.0132
45.633	0.0205	46.350	0.0181	47.067	0.013
45.650	0.0209	46.367	0.0169	47.083	0.014
45.667	0.0205	46.383	0.0159	47.100	0.013
45.683	0.0194	46.400	0.0155	47.117	0.0131
45.700	0.0206	46.417	0.0165	47.133	0.0122
45.717	0.0202	46.433	0.0169	47.150	0.0126
45.733	0.02	46.450	0.0169	47.167	0.0127
45.750	0.0208	46.467	0.0144	47.183	0.0119

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
47.200	0.0118	47.917	0.0115	48.633	0.0086
47.217	0.0131	47.933	0.0107	48.650	0.0092
47.233	0.0131	47.950	0.0105	48.667	0.0101
47.250	0.0128	47.967	0.0101	48.683	0.0094
47.267	0.0119	47.983	0.0105	48.700	0.0082
47.283	0.0124	48.000	0.0109	48.717	0.0102
47.300	0.0133	48.017	0.0108	48.733	0.0091
47.317	0.0125	48.033	0.0097	48.750	0.0081
47.333	0.011	48.050	0.0106	48.767	0.0091
47.350	0.0119	48.067	0.0099	48.783	0.0106
47.367	0.011	48.083	0.0094	48.800	0.0075
47.383	0.0105	48.100	0.0084	48.817	0.0095
47.400	0.0113	48.117	0.0101	48.833	0.0089
47.417	0.0112	48.133	0.0094	48.850	0.0099
47.433	0.0118	48.150	0.0118	48.867	0.0091
47.450	0.0111	48.167	0.0109	48.883	0.0094
47.467	0.0107	48.183	0.0101	48.900	0.0092
47.483	0.0121	48.200	0.0108	48.917	0.0095
47.500	0.011	48.217	0.0103	48.933	0.0082
47.517	0.0127	48.233	0.0107	48.950	0.0092
47.533	0.0108	48.250	0.0104	48.967	0.0079
47.550	0.0117	48.267	0.0111	48.983	0.0091
47.567	0.0113	48.283	0.0115	49.000	0.0073
47.583	0.0106	48.300	0.0092	49.017	0.0084
47.600	0.0112	48.317	0.0099	49.033	0.0102
47.617	0.0109	48.333	0.0103	49.050	0.0079
47.633	0.011	48.350	0.0106	49.067	0.0096
47.650	0.0112	48.367	0.0099	49.083	0.0101
47.667	0.0117	48.383	0.01	49.100	0.0087
47.683	0.0116	48.400	0.0109	49.117	0.008
47.700	0.0127	48.417	0.0109	49.133	0.0093
47.717	0.0103	48.433	0.0102	49.150	0.0088
47.733	0.0114	48.450	0.0098	49.167	0.0094
47.750	0.0124	48.467	0.0104	49.183	0.01
47.767	0.0099	48.483	0.0095	49.200	0.0101
47.783	0.0101	48.500	0.0101	49.217	0.0093
47.800	0.0103	48.517	0.0103	49.233	0.0074
47.817	0.0122	48.533	0.0089	49.250	0.0084
47.833	0.0116	48.550	0.0107	49.267	0.0092
47.850	0.0099	48.567	0.0085	49.283	0.0083
47.867	0.011	48.583	0.0093	49.300	0.0102
47.883	0.0109	48.600	0.0101	49.317	0.0079
47.900	0.0114	48.617	0.0081	49.333	0.0075

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
49.350	0.0083	50.067	0.0058	50.783	0.0038
49.367	0.0092	50.083	0.0068	50.800	0.0045
49.383	0.0074	50.100	0.0074	50.817	0.0047
49.400	0.0081	50.117	0.0052	50.833	0.0047
49.417	0.0065	50.133	0.0067	50.850	0.0051
49.433	0.0076	50.150	0.0063	50.867	0.0041
49.450	0.0074	50.167	0.006	50.883	0.0043
49.467	0.0077	50.183	0.0046	50.900	0.0035
49.483	0.0093	50.200	0.0069	50.917	0.0042
49.500	0.0064	50.217	0.0069	50.933	0.0046
49.517	0.0064	50.233	0.0055	50.950	0.0054
49.533	0.0077	50.250	0.0062	50.967	0.0025
49.550	0.0076	50.267	0.0059	50.983	0.003
49.567	0.0078	50.283	0.0048	51.000	0.0037
49.583	0.0051	50.300	0.006	51.017	0.0038
49.600	0.0074	50.317	0.007	51.033	0.0033
49.617	0.0039	50.333	0.0057	51.050	0.0033
49.633	0.0048	50.350	0.0043	51.067	0.0045
49.650	0.0044	50.367	0.0046	51.083	0.004
49.667	0.0059	50.383	0.0048	51.100	0.0042
49.683	0.0067	50.400	0.0051	51.117	0.0043
49.700	0.0064	50.417	0.0041	51.133	0.0035
49.717	0.0057	50.433	0.0041	51.150	0.0044
49.733	0.0059	50.450	0.0041	51.167	0.0055
49.750	0.0068	50.467	0.0038	51.183	0.0053
49.767	0.0036	50.483	0.0042	51.200	0.0043
49.783	0.007	50.500	0.0042	51.217	0.0035
49.800	0.0079	50.517	0.0053	51.233	0.0052
49.817	0.0054	50.533	0.0051	51.250	0.0059
49.833	0.0075	50.550	0.0053	51.267	0.0056
49.850	0.0066	50.567	0.0038	51.283	0.0046
49.867	0.0069	50.583	0.0057	51.300	0.0037
49.883	0.006	50.600	0.0048	51.317	0.0045
49.900	0.0064	50.617	0.0036	51.333	0.0066
49.917	0.0064	50.633	0.0046	51.350	0.0051
49.933	0.0061	50.650	0.0044	51.367	0.0059
49.950	0.0068	50.667	0.0045	51.383	0.005
49.967	0.0055	50.683	0.0038	51.400	0.0039
49.983	0.0068	50.700	0.0048	51.417	0.0055
50.000	0.0059	50.717	0.0025	51.433	0.0056
50.017	0.0071	50.733	0.0047	51.450	0.0044
50.033	0.0063	50.750	0.0044	51.467	0.0049
50.050	0.0069	50.767	0.0036	51.483	0.0043

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
51.500	0.0036	52.217	0.0035	52.933	0.0028
51.517	0.0041	52.233	0.0039	52.950	0.0032
51.533	0.0037	52.250	0.005	52.967	0.004
51.550	0.0049	52.267	0.0033	52.983	0.0043
51.567	0.0049	52.283	0.004	53.000	0.0037
51.583	0.0041	52.300	0.0035	53.017	0.004
51.600	0.0037	52.317	0.0036	53.033	0.0038
51.617	0.0044	52.333	0.0039	53.050	0.005
51.633	0.0048	52.350	0.0042	53.067	0.0034
51.650	0.0042	52.367	0.0031	53.083	0.0039
51.667	0.004	52.383	0.0056	53.100	0.0046
51.683	0.0024	52.400	0.0043	53.117	0.0037
51.700	0.0041	52.417	0.0048	53.133	0.0035
51.717	0.0055	52.433	0.0038	53.150	0.0027
51.733	0.0034	52.450	0.0035	53.167	0.0044
51.750	0.0017	52.467	0.003	53.183	0.0043
51.767	0.0044	52.483	0.0038	53.200	0.0045
51.783	0.0043	52.500	0.0027	53.217	0.0029
51.800	0.0036	52.517	0.0024	53.233	0.0032
51.817	0.0042	52.533	0.0034	53.250	0.0038
51.833	0.0044	52.550	0.0034	53.267	0.0036
51.850	0.0039	52.567	0.0016	53.283	0.0038
51.867	0.0029	52.583	0.0024	53.300	0.0031
51.883	0.0043	52.600	0.0012	53.317	0.0038
51.900	0.0035	52.617	0.0036	53.333	0.0024
51.917	0.0037	52.633	0.0029	53.350	0.0031
51.933	0.0032	52.650	0.0028	53.367	0.0021
51.950	0.0053	52.667	0.0015	53.383	0.0033
51.967	0.0031	52.683	0.0017	53.400	0.0026
51.983	0.0036	52.700	0.0024	53.417	0.0018
52.000	0.0032	52.717	0.0027	53.433	0.0021
52.017	0.0034	52.733	0.0024	53.450	0.0032
52.033	0.0036	52.750	0.0035	53.467	0.0033
52.050	0.0035	52.767	0.0015	53.483	0.003
52.067	0.0041	52.783	0.0029	53.500	0.0017
52.083	0.0035	52.800	0.0033	53.517	0.0024
52.100	0.003	52.817	0.0018	53.533	0.0018
52.117	0.0036	52.833	0.0038	53.550	0.0008
52.133	0.0028	52.850	0.0023	53.567	0.0034
52.150	0.004	52.867	0.0027	53.583	0.0017
52.167	0.0026	52.883	0.0029	53.600	0.0024
52.183	0.0032	52.900	0.0024	53.617	0.0027
52.200	0.0029	52.917	0.0038	53.633	0.0016

Time (min)	Displacement (ft)
53.650	0.0013
53.667	0.0031
53.683	0.0025
53.700	0.0019
53.717	0.0016
53.733	0.0022
53.750	0.0012
53.767	0.0006
53.783	0.0009
53.800	0.0004
53.817	0.0014
53.833	0.0017



WELL TEST ANALYSIS

Data Set: F:\...\R_TW-1.aqt
Date: 07/19/21 Time: 15:02:30

PROJECT INFORMATION

Company: Geological Resources, Inc.
Client: Lenoir Store
Project: 2001
Location: Horatio, SC
Test Well: TW-1
Test Date: 5/18/21

AQUIFER DATA

Saturated Thickness: 1.85 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (TW-1)

Initial Displacement: 1.75 ft
Total Well Penetration Depth: 1. ft
Casing Radius: 0.085 ft
Static Water Column Height: 0. ft
Screen Length: 1. ft
Well Radius: 1. ft

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 3.286E-5 ft/min
y0 = 1.705 ft

AQTESOLV DATA ENTRY FORM
(For wells screened BELOW water table)

Page	Item		Value	Remarks
NA	Static depth to water (SDTW) from TOC	SDTW	6.42	Test well (ft)
	Initial DTW (IDTW) - after remove/introduce slug from TOC	IDTW	8.17	Test well (ft)
	Total well depth (TWD)	TWD	41.00	Test well (ft)
	Top of Casing Elevation (TOC)	TOC	100.22	Test well (ft)
	Highest ground water elevation at site (HGWE)	HGWE	98.37	All site wells (ft)
	Deepest well depth elevation (DWDE)	DWDE	100.22	Deepest well (ft)
5	Project Name		Lenoir Store	
	Project location (city, state)		Horatio, SC	
	Test Well #		TW-1	
	Date slug test conducted		5/18/2021	
6	**H(o)**: Initial displacement (IDTW minus SDTW (ft))	H(o)	1.75	Use 1.75
	H: Static water column height	H	34.58	TWD minus SDTW (ft)
	Well #		TW-1	Test well ID
7	b: Saturated thickness of aquifer	b	-1.85	HGWE - DWDE * If no telescoping well, use H
	KV/KH: Vertical/Horizontal	KV/KH	0.10	Use 0.1
8	D: Casing length	D	34.58	TWD minus SDTW minus screen length (ft)
	L: Well screen length	L		Screen length (ft)
9	R(c): Inside radius of well casing	R(c)	0.085	Use 0.085 for 2" wells; use 0.167 for 4" wells(ft)
	R(w): Well radius	R(w)		1/2 auger outside diameter (ft)
	R(sk): Well skin radius	R(sk)		1/2 auger outside diameter (ft)

Lenoir Store	
Well	TW-1
Test Date	05/18/21
Initial DTW (ft)	6.8

Time (min)	Displacement (ft)
0	0
0.017	1.744
0.033	1.8
0.050	1.806
0.067	1.757
0.083	1.772
0.100	1.764
0.117	1.758
0.133	1.759
0.150	1.751
0.167	1.751
0.183	1.744
0.200	1.745
0.217	1.744
0.233	1.738
0.250	1.737
0.267	1.738
0.283	1.737
0.300	1.73
0.317	1.73
0.333	1.729
0.350	1.729
0.367	1.73
0.383	1.73
0.400	1.716
0.417	1.723
0.433	1.722
0.450	1.723
0.467	1.723
0.483	1.724
0.500	1.724
0.517	1.722
0.533	1.723
0.550	1.723
0.567	1.717
0.583	1.717
0.600	1.717
0.617	1.717
0.633	1.716
0.650	1.716
0.667	1.716
0.683	1.717
0.700	1.717
0.717	1.717
0.733	1.71
0.750	1.716
0.767	1.711
0.783	1.711
0.800	1.711
0.817	1.711
0.833	1.711
0.850	1.71
0.867	1.71
0.883	1.71
0.900	1.704
0.917	1.711
0.933	1.704
0.950	1.703
0.967	1.704
0.983	1.704
1.000	1.703
1.017	1.704
1.033	1.703
1.050	1.704
1.067	1.698
1.083	1.696
1.100	1.704
1.117	1.696
1.133	1.697
1.150	1.697
1.167	1.697
1.183	1.697
1.200	1.697
1.217	1.697
1.233	1.696
1.250	1.695
1.267	1.696
1.283	1.697
1.300	1.69
1.317	1.696
1.333	1.69
1.350	1.69
1.367	1.697
1.383	1.691
1.400	1.69
1.417	1.69
1.433	1.69
1.450	1.691
1.467	1.689
1.483	1.69
1.500	1.69
1.517	1.69
1.533	1.683
1.550	1.683
1.567	1.683
1.583	1.682
1.600	1.684
1.617	1.684
1.633	1.684
1.650	1.683
1.667	1.684
1.683	1.683
1.700	1.683
1.717	1.683
1.733	1.684
1.750	1.684
1.767	1.685
1.783	1.677
1.800	1.677
1.817	1.676
1.833	1.677
1.850	1.677
1.867	1.675
1.883	1.677
1.900	1.676
1.917	1.677
1.933	1.676
1.950	1.677
1.967	1.676
1.983	1.676
2.000	1.676
2.017	1.676
2.033	1.676

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
2.050	1.67	2.767	1.65	3.483	1.634
2.067	1.676	2.783	1.649	3.500	1.634
2.083	1.67	2.800	1.651	3.517	1.634
2.100	1.677	2.817	1.65	3.533	1.635
2.117	1.67	2.833	1.649	3.550	1.635
2.133	1.676	2.850	1.65	3.567	1.634
2.150	1.669	2.867	1.649	3.583	1.634
2.167	1.67	2.883	1.648	3.600	1.628
2.183	1.663	2.900	1.642	3.617	1.628
2.200	1.669	2.917	1.643	3.633	1.629
2.217	1.67	2.933	1.643	3.650	1.629
2.233	1.662	2.950	1.643	3.667	1.629
2.250	1.663	2.967	1.642	3.683	1.629
2.267	1.663	2.983	1.643	3.700	1.622
2.283	1.663	3.000	1.642	3.717	1.622
2.300	1.669	3.017	1.65	3.733	1.621
2.317	1.663	3.033	1.643	3.750	1.621
2.333	1.663	3.050	1.643	3.767	1.621
2.350	1.663	3.067	1.65	3.783	1.621
2.367	1.663	3.083	1.643	3.800	1.621
2.383	1.663	3.100	1.642	3.817	1.621
2.400	1.663	3.117	1.643	3.833	1.621
2.417	1.663	3.133	1.642	3.850	1.622
2.433	1.662	3.150	1.636	3.867	1.621
2.450	1.662	3.167	1.636	3.883	1.614
2.467	1.662	3.183	1.636	3.900	1.614
2.483	1.656	3.200	1.636	3.917	1.621
2.500	1.655	3.217	1.634	3.933	1.614
2.517	1.663	3.233	1.635	3.950	1.615
2.533	1.656	3.250	1.635	3.967	1.614
2.550	1.656	3.267	1.635	3.983	1.613
2.567	1.656	3.283	1.634	4.000	1.613
2.583	1.656	3.300	1.634	4.017	1.613
2.600	1.655	3.317	1.634	4.033	1.612
2.617	1.656	3.333	1.634	4.050	1.612
2.633	1.656	3.350	1.634	4.067	1.613
2.650	1.654	3.367	1.634	4.083	1.606
2.667	1.656	3.383	1.634	4.100	1.613
2.683	1.655	3.400	1.633	4.117	1.614
2.700	1.655	3.417	1.634	4.133	1.606
2.717	1.65	3.433	1.635	4.150	1.613
2.733	1.649	3.450	1.627	4.167	1.606
2.750	1.65	3.467	1.635	4.183	1.606

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
4.200	1.606	4.917	1.593	5.633	1.573
4.217	1.605	4.933	1.585	5.650	1.573
4.233	1.605	4.950	1.587	5.667	1.573
4.250	1.605	4.967	1.587	5.683	1.574
4.267	1.605	4.983	1.586	5.700	1.572
4.283	1.605	5.000	1.586	5.717	1.573
4.300	1.605	5.017	1.587	5.733	1.573
4.317	1.605	5.033	1.586	5.750	1.574
4.333	1.605	5.050	1.586	5.767	1.567
4.350	1.605	5.067	1.586	5.783	1.573
4.367	1.598	5.083	1.586	5.800	1.567
4.383	1.605	5.100	1.586	5.817	1.566
4.400	1.598	5.117	1.585	5.833	1.567
4.417	1.605	5.133	1.586	5.850	1.566
4.433	1.605	5.150	1.586	5.867	1.567
4.450	1.598	5.167	1.586	5.883	1.566
4.467	1.606	5.183	1.586	5.900	1.566
4.483	1.598	5.200	1.578	5.917	1.565
4.500	1.599	5.217	1.58	5.933	1.565
4.517	1.599	5.233	1.579	5.950	1.566
4.533	1.598	5.250	1.586	5.967	1.567
4.550	1.599	5.267	1.579	5.983	1.566
4.567	1.598	5.283	1.579	6.000	1.559
4.583	1.599	5.300	1.578	6.017	1.559
4.600	1.598	5.317	1.578	6.033	1.566
4.617	1.598	5.333	1.58	6.050	1.566
4.633	1.592	5.350	1.579	6.067	1.56
4.650	1.598	5.367	1.579	6.083	1.559
4.667	1.591	5.383	1.579	6.100	1.56
4.683	1.592	5.400	1.581	6.117	1.559
4.700	1.599	5.417	1.579	6.133	1.558
4.717	1.592	5.433	1.574	6.150	1.56
4.733	1.591	5.450	1.58	6.167	1.559
4.750	1.592	5.467	1.572	6.183	1.56
4.767	1.591	5.483	1.573	6.200	1.56
4.783	1.591	5.500	1.58	6.217	1.56
4.800	1.592	5.517	1.58	6.233	1.553
4.817	1.592	5.533	1.573	6.250	1.56
4.833	1.592	5.550	1.573	6.267	1.559
4.850	1.593	5.567	1.573	6.283	1.56
4.867	1.593	5.583	1.573	6.300	1.56
4.883	1.592	5.600	1.572	6.317	1.552
4.900	1.586	5.617	1.573	6.333	1.553

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
6.350	1.559	7.067	1.539	7.783	1.52
6.367	1.552	7.083	1.538	7.800	1.52
6.383	1.552	7.100	1.539	7.817	1.52
6.400	1.552	7.117	1.538	7.833	1.52
6.417	1.552	7.133	1.53	7.850	1.519
6.433	1.553	7.150	1.531	7.867	1.52
6.450	1.553	7.167	1.538	7.883	1.52
6.467	1.553	7.183	1.531	7.900	1.521
6.483	1.552	7.200	1.531	7.917	1.522
6.500	1.552	7.217	1.531	7.933	1.519
6.517	1.552	7.233	1.531	7.950	1.52
6.533	1.551	7.250	1.531	7.967	1.519
6.550	1.552	7.267	1.531	7.983	1.52
6.567	1.551	7.283	1.531	8.000	1.521
6.583	1.552	7.300	1.531	8.017	1.521
6.600	1.545	7.317	1.532	8.033	1.512
6.617	1.546	7.333	1.531	8.050	1.512
6.633	1.545	7.350	1.531	8.067	1.513
6.650	1.545	7.367	1.53	8.083	1.52
6.667	1.545	7.383	1.531	8.100	1.513
6.683	1.546	7.400	1.531	8.117	1.513
6.700	1.545	7.417	1.531	8.133	1.513
6.717	1.545	7.433	1.526	8.150	1.515
6.733	1.546	7.450	1.525	8.167	1.512
6.750	1.546	7.467	1.526	8.183	1.514
6.767	1.547	7.483	1.526	8.200	1.513
6.783	1.546	7.500	1.526	8.217	1.514
6.800	1.545	7.517	1.525	8.233	1.513
6.817	1.544	7.533	1.525	8.250	1.514
6.833	1.539	7.550	1.525	8.267	1.513
6.850	1.545	7.567	1.525	8.283	1.514
6.867	1.538	7.583	1.526	8.300	1.514
6.883	1.538	7.600	1.526	8.317	1.506
6.900	1.538	7.617	1.527	8.333	1.507
6.917	1.538	7.633	1.526	8.350	1.507
6.933	1.538	7.650	1.526	8.367	1.506
6.950	1.539	7.667	1.526	8.383	1.505
6.967	1.537	7.683	1.519	8.400	1.507
6.983	1.539	7.700	1.525	8.417	1.505
7.000	1.539	7.717	1.519	8.433	1.506
7.017	1.539	7.733	1.526	8.450	1.506
7.033	1.538	7.750	1.52	8.467	1.504
7.050	1.537	7.767	1.519	8.483	1.506

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
8.500	1.499	9.217	1.485	9.933	1.473
8.517	1.506	9.233	1.486	9.950	1.472
8.533	1.506	9.250	1.485	9.967	1.472
8.550	1.505	9.267	1.485	9.983	1.473
8.567	1.498	9.283	1.486	10.000	1.472
8.583	1.498	9.300	1.487	10.017	1.466
8.600	1.498	9.317	1.486	10.033	1.465
8.617	1.498	9.333	1.486	10.050	1.467
8.633	1.499	9.350	1.486	10.067	1.467
8.650	1.499	9.367	1.486	10.083	1.467
8.667	1.499	9.383	1.487	10.100	1.467
8.683	1.5	9.400	1.486	10.117	1.467
8.700	1.499	9.417	1.487	10.133	1.467
8.717	1.499	9.433	1.486	10.150	1.467
8.733	1.499	9.450	1.48	10.167	1.466
8.750	1.498	9.467	1.487	10.183	1.467
8.767	1.499	9.483	1.487	10.200	1.466
8.783	1.5	9.500	1.48	10.217	1.467
8.800	1.5	9.517	1.479	10.233	1.465
8.817	1.5	9.533	1.48	10.250	1.465
8.833	1.498	9.550	1.479	10.267	1.465
8.850	1.493	9.567	1.48	10.283	1.466
8.867	1.493	9.583	1.48	10.300	1.466
8.883	1.493	9.600	1.479	10.317	1.459
8.900	1.493	9.617	1.48	10.333	1.466
8.917	1.493	9.633	1.478	10.350	1.466
8.933	1.494	9.650	1.479	10.367	1.458
8.950	1.493	9.667	1.479	10.383	1.459
8.967	1.492	9.683	1.479	10.400	1.459
8.983	1.493	9.700	1.479	10.417	1.46
9.000	1.492	9.717	1.479	10.433	1.458
9.017	1.493	9.733	1.479	10.450	1.459
9.033	1.492	9.750	1.473	10.467	1.458
9.050	1.492	9.767	1.472	10.483	1.46
9.067	1.492	9.783	1.472	10.500	1.46
9.083	1.492	9.800	1.472	10.517	1.458
9.100	1.491	9.817	1.471	10.533	1.459
9.117	1.492	9.833	1.471	10.550	1.459
9.133	1.492	9.850	1.473	10.567	1.457
9.150	1.485	9.867	1.473	10.583	1.459
9.167	1.484	9.883	1.472	10.600	1.452
9.183	1.486	9.900	1.472	10.617	1.451
9.200	1.485	9.917	1.472	10.633	1.458

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
10.650	1.451	11.367	1.436	12.083	1.421
10.667	1.458	11.383	1.436	12.100	1.421
10.683	1.452	11.400	1.436	12.117	1.422
10.700	1.45	11.417	1.437	12.133	1.415
10.717	1.452	11.433	1.437	12.150	1.414
10.733	1.452	11.450	1.436	12.167	1.414
10.750	1.451	11.467	1.437	12.183	1.421
10.767	1.452	11.483	1.436	12.200	1.414
10.783	1.453	11.500	1.436	12.217	1.415
10.800	1.453	11.517	1.436	12.233	1.414
10.817	1.452	11.533	1.429	12.250	1.414
10.833	1.452	11.550	1.429	12.267	1.415
10.850	1.451	11.567	1.429	12.283	1.415
10.867	1.452	11.583	1.428	12.300	1.415
10.883	1.453	11.600	1.429	12.317	1.414
10.900	1.445	11.617	1.429	12.333	1.414
10.917	1.451	11.633	1.429	12.350	1.414
10.933	1.45	11.650	1.429	12.367	1.406
10.950	1.444	11.667	1.428	12.383	1.414
10.967	1.45	11.683	1.428	12.400	1.406
10.983	1.451	11.700	1.429	12.417	1.407
11.000	1.444	11.717	1.429	12.433	1.407
11.017	1.444	11.733	1.422	12.450	1.405
11.033	1.444	11.750	1.429	12.467	1.407
11.050	1.444	11.767	1.429	12.483	1.405
11.067	1.443	11.783	1.429	12.500	1.406
11.083	1.443	11.800	1.423	12.517	1.406
11.100	1.443	11.817	1.421	12.533	1.406
11.117	1.443	11.833	1.421	12.550	1.407
11.133	1.443	11.850	1.429	12.567	1.407
11.150	1.444	11.867	1.421	12.583	1.406
11.167	1.444	11.883	1.429	12.600	1.407
11.183	1.443	11.900	1.421	12.617	1.408
11.200	1.444	11.917	1.421	12.633	1.406
11.217	1.444	11.933	1.421	12.650	1.406
11.233	1.444	11.950	1.422	12.667	1.407
11.250	1.443	11.967	1.422	12.683	1.401
11.267	1.443	11.983	1.421	12.700	1.406
11.283	1.436	12.000	1.421	12.717	1.401
11.300	1.436	12.017	1.422	12.733	1.407
11.317	1.444	12.033	1.421	12.750	1.401
11.333	1.436	12.050	1.422	12.767	1.4
11.350	1.436	12.067	1.421	12.783	1.407

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
12.800	1.401	13.517	1.387	14.233	1.373
12.817	1.401	13.533	1.386	14.250	1.374
12.833	1.401	13.550	1.386	14.267	1.373
12.850	1.4	13.567	1.385	14.283	1.373
12.867	1.4	13.583	1.386	14.300	1.373
12.883	1.401	13.600	1.378	14.317	1.367
12.900	1.401	13.617	1.38	14.333	1.374
12.917	1.4	13.633	1.385	14.350	1.374
12.933	1.401	13.650	1.379	14.367	1.368
12.950	1.393	13.667	1.379	14.383	1.367
12.967	1.402	13.683	1.386	14.400	1.367
12.983	1.394	13.700	1.379	14.417	1.366
13.000	1.394	13.717	1.379	14.433	1.366
13.017	1.4	13.733	1.379	14.450	1.366
13.033	1.4	13.750	1.379	14.467	1.367
13.050	1.4	13.767	1.379	14.483	1.367
13.067	1.4	13.783	1.379	14.500	1.366
13.083	1.395	13.800	1.38	14.517	1.366
13.100	1.394	13.817	1.379	14.533	1.366
13.117	1.395	13.833	1.379	14.550	1.366
13.133	1.394	13.850	1.379	14.567	1.366
13.150	1.395	13.867	1.38	14.583	1.367
13.167	1.394	13.883	1.372	14.600	1.359
13.183	1.395	13.900	1.378	14.617	1.359
13.200	1.394	13.917	1.38	14.633	1.359
13.217	1.395	13.933	1.372	14.650	1.359
13.233	1.395	13.950	1.373	14.667	1.36
13.250	1.395	13.967	1.371	14.683	1.359
13.267	1.394	13.983	1.38	14.700	1.359
13.283	1.394	14.000	1.372	14.717	1.359
13.300	1.394	14.017	1.373	14.733	1.358
13.317	1.386	14.033	1.373	14.750	1.359
13.333	1.394	14.050	1.373	14.767	1.359
13.350	1.387	14.067	1.372	14.783	1.359
13.367	1.386	14.083	1.373	14.800	1.359
13.383	1.387	14.100	1.373	14.817	1.359
13.400	1.388	14.117	1.374	14.833	1.358
13.417	1.395	14.133	1.374	14.850	1.359
13.433	1.387	14.150	1.366	14.867	1.358
13.450	1.387	14.167	1.373	14.883	1.36
13.467	1.387	14.183	1.373	14.900	1.358
13.483	1.387	14.200	1.373	14.917	1.359
13.500	1.388	14.217	1.374	14.933	1.359

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
14.950	1.352	15.667	1.336	16.383	1.324
14.967	1.359	15.683	1.338	16.400	1.323
14.983	1.351	15.700	1.336	16.417	1.323
15.000	1.351	15.717	1.337	16.433	1.317
15.017	1.352	15.733	1.336	16.450	1.324
15.033	1.351	15.750	1.336	16.467	1.324
15.050	1.351	15.767	1.336	16.483	1.324
15.067	1.351	15.783	1.336	16.500	1.317
15.083	1.352	15.800	1.336	16.517	1.316
15.100	1.352	15.817	1.336	16.533	1.317
15.117	1.352	15.833	1.336	16.550	1.316
15.133	1.352	15.850	1.33	16.567	1.316
15.150	1.351	15.867	1.33	16.583	1.318
15.167	1.351	15.883	1.33	16.600	1.317
15.183	1.352	15.900	1.33	16.617	1.316
15.200	1.352	15.917	1.33	16.633	1.316
15.217	1.352	15.933	1.33	16.650	1.316
15.233	1.352	15.950	1.331	16.667	1.316
15.250	1.352	15.967	1.33	16.683	1.316
15.267	1.351	15.983	1.331	16.700	1.316
15.283	1.344	16.000	1.331	16.717	1.316
15.300	1.337	16.017	1.33	16.733	1.316
15.317	1.344	16.033	1.331	16.750	1.316
15.333	1.344	16.050	1.33	16.767	1.317
15.350	1.343	16.067	1.323	16.783	1.317
15.367	1.35	16.083	1.331	16.800	1.317
15.383	1.344	16.100	1.33	16.817	1.31
15.400	1.337	16.117	1.33	16.833	1.309
15.417	1.345	16.133	1.324	16.850	1.309
15.433	1.343	16.150	1.33	16.867	1.315
15.450	1.343	16.167	1.331	16.883	1.315
15.467	1.344	16.183	1.324	16.900	1.308
15.483	1.345	16.200	1.324	16.917	1.309
15.500	1.343	16.217	1.323	16.933	1.309
15.517	1.343	16.233	1.324	16.950	1.309
15.533	1.343	16.250	1.323	16.967	1.308
15.550	1.337	16.267	1.324	16.983	1.308
15.567	1.338	16.283	1.324	17.000	1.308
15.583	1.345	16.300	1.324	17.017	1.309
15.600	1.337	16.317	1.324	17.033	1.308
15.617	1.336	16.333	1.324	17.050	1.31
15.633	1.337	16.350	1.323	17.067	1.309
15.650	1.338	16.367	1.323	17.083	1.309

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
17.100	1.302	17.817	1.293	18.533	1.28
17.117	1.308	17.833	1.294	18.550	1.271
17.133	1.31	17.850	1.287	18.567	1.279
17.150	1.308	17.867	1.294	18.583	1.273
17.167	1.308	17.883	1.295	18.600	1.272
17.183	1.302	17.900	1.295	18.617	1.272
17.200	1.302	17.917	1.287	18.633	1.273
17.217	1.302	17.933	1.286	18.650	1.28
17.233	1.302	17.950	1.287	18.667	1.273
17.250	1.301	17.967	1.287	18.683	1.272
17.267	1.309	17.983	1.288	18.700	1.273
17.283	1.302	18.000	1.286	18.717	1.272
17.300	1.302	18.017	1.288	18.733	1.271
17.317	1.309	18.033	1.288	18.750	1.272
17.333	1.302	18.050	1.289	18.767	1.272
17.350	1.302	18.067	1.287	18.783	1.272
17.367	1.302	18.083	1.288	18.800	1.272
17.383	1.302	18.100	1.288	18.817	1.272
17.400	1.302	18.117	1.288	18.833	1.272
17.417	1.301	18.133	1.281	18.850	1.272
17.433	1.302	18.150	1.288	18.867	1.265
17.450	1.302	18.167	1.288	18.883	1.272
17.467	1.302	18.183	1.288	18.900	1.272
17.483	1.295	18.200	1.281	18.917	1.265
17.500	1.302	18.217	1.281	18.933	1.266
17.517	1.301	18.233	1.288	18.950	1.266
17.533	1.302	18.250	1.281	18.967	1.267
17.550	1.295	18.267	1.281	18.983	1.272
17.567	1.302	18.283	1.281	19.000	1.266
17.583	1.295	18.300	1.28	19.017	1.265
17.600	1.295	18.317	1.279	19.033	1.265
17.617	1.295	18.333	1.279	19.050	1.266
17.633	1.295	18.350	1.28	19.067	1.265
17.650	1.294	18.367	1.279	19.083	1.266
17.667	1.295	18.383	1.28	19.100	1.265
17.683	1.295	18.400	1.278	19.117	1.266
17.700	1.294	18.417	1.28	19.133	1.266
17.717	1.295	18.433	1.279	19.150	1.265
17.733	1.294	18.450	1.28	19.167	1.266
17.750	1.295	18.467	1.279	19.183	1.265
17.767	1.294	18.483	1.279	19.200	1.265
17.783	1.287	18.500	1.272	19.217	1.266
17.800	1.294	18.517	1.272	19.233	1.261

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
19.250	1.266	19.967	1.252	20.683	1.239
19.267	1.258	19.983	1.253	20.700	1.239
19.283	1.26	20.000	1.246	20.717	1.239
19.300	1.259	20.017	1.246	20.733	1.238
19.317	1.259	20.033	1.246	20.750	1.24
19.333	1.258	20.050	1.245	20.767	1.231
19.350	1.258	20.067	1.245	20.783	1.239
19.367	1.258	20.083	1.252	20.800	1.239
19.383	1.258	20.100	1.252	20.817	1.231
19.400	1.258	20.117	1.244	20.833	1.233
19.417	1.259	20.133	1.246	20.850	1.232
19.433	1.26	20.150	1.246	20.867	1.232
19.450	1.259	20.167	1.245	20.883	1.233
19.467	1.258	20.183	1.246	20.900	1.232
19.483	1.26	20.200	1.245	20.917	1.232
19.500	1.259	20.217	1.244	20.933	1.232
19.517	1.259	20.233	1.245	20.950	1.232
19.533	1.258	20.250	1.239	20.967	1.231
19.550	1.259	20.267	1.246	20.983	1.231
19.567	1.259	20.283	1.245	21.000	1.233
19.583	1.259	20.300	1.239	21.017	1.231
19.600	1.259	20.317	1.246	21.033	1.232
19.617	1.252	20.333	1.246	21.050	1.231
19.633	1.259	20.350	1.245	21.067	1.225
19.650	1.26	20.367	1.239	21.083	1.231
19.667	1.26	20.383	1.238	21.100	1.225
19.683	1.259	20.400	1.238	21.117	1.232
19.700	1.26	20.417	1.238	21.133	1.224
19.717	1.252	20.433	1.238	21.150	1.232
19.733	1.252	20.450	1.239	21.167	1.233
19.750	1.259	20.467	1.238	21.183	1.232
19.767	1.252	20.483	1.238	21.200	1.233
19.783	1.252	20.500	1.239	21.217	1.232
19.800	1.252	20.517	1.24	21.233	1.225
19.817	1.252	20.533	1.24	21.250	1.225
19.833	1.252	20.550	1.239	21.267	1.226
19.850	1.253	20.567	1.239	21.283	1.226
19.867	1.251	20.583	1.238	21.300	1.226
19.883	1.253	20.600	1.239	21.317	1.226
19.900	1.252	20.617	1.239	21.333	1.226
19.917	1.252	20.633	1.238	21.350	1.225
19.933	1.252	20.650	1.239	21.367	1.225
19.950	1.252	20.667	1.239	21.383	1.226

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
21.400	1.225	22.117	1.214	22.833	1.203
21.417	1.226	22.133	1.214	22.850	1.202
21.433	1.226	22.150	1.214	22.867	1.203
21.450	1.225	22.167	1.214	22.883	1.201
21.467	1.226	22.183	1.215	22.900	1.201
21.483	1.226	22.200	1.214	22.917	1.202
21.500	1.226	22.217	1.215	22.933	1.202
21.517	1.226	22.233	1.214	22.950	1.202
21.533	1.226	22.250	1.213	22.967	1.202
21.550	1.226	22.267	1.214	22.983	1.202
21.567	1.219	22.283	1.213	23.000	1.201
21.583	1.226	22.300	1.208	23.017	1.202
21.600	1.219	22.317	1.213	23.033	1.202
21.617	1.22	22.333	1.208	23.050	1.201
21.633	1.219	22.350	1.207	23.067	1.195
21.650	1.22	22.367	1.207	23.083	1.195
21.667	1.22	22.383	1.208	23.100	1.195
21.683	1.219	22.400	1.206	23.117	1.194
21.700	1.219	22.417	1.207	23.133	1.192
21.717	1.219	22.433	1.207	23.150	1.195
21.733	1.219	22.450	1.207	23.167	1.195
21.750	1.219	22.467	1.207	23.183	1.195
21.767	1.22	22.483	1.206	23.200	1.195
21.783	1.22	22.500	1.207	23.217	1.194
21.800	1.22	22.517	1.207	23.233	1.194
21.817	1.219	22.533	1.207	23.250	1.195
21.833	1.22	22.550	1.207	23.267	1.195
21.850	1.22	22.567	1.207	23.283	1.196
21.867	1.22	22.583	1.207	23.300	1.195
21.883	1.219	22.600	1.208	23.317	1.195
21.900	1.22	22.617	1.2	23.333	1.196
21.917	1.22	22.633	1.209	23.350	1.195
21.933	1.22	22.650	1.209	23.367	1.196
21.950	1.22	22.667	1.208	23.383	1.189
21.967	1.213	22.683	1.2	23.400	1.196
21.983	1.212	22.700	1.208	23.417	1.188
22.000	1.221	22.717	1.202	23.433	1.189
22.017	1.212	22.733	1.202	23.450	1.195
22.033	1.213	22.750	1.201	23.467	1.188
22.050	1.214	22.767	1.201	23.483	1.188
22.067	1.212	22.783	1.202	23.500	1.189
22.083	1.214	22.800	1.202	23.517	1.188
22.100	1.213	22.817	1.203	23.533	1.189

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
23.550	1.188	24.267	1.176	24.983	1.17
23.567	1.188	24.283	1.177	25.000	1.165
23.583	1.189	24.300	1.177	25.017	1.164
23.600	1.189	24.317	1.177	25.033	1.164
23.617	1.189	24.333	1.177	25.050	1.165
23.633	1.189	24.350	1.177	25.067	1.164
23.650	1.189	24.367	1.178	25.083	1.164
23.667	1.19	24.383	1.177	25.100	1.163
23.683	1.19	24.400	1.177	25.117	1.164
23.700	1.183	24.417	1.177	25.133	1.164
23.717	1.189	24.433	1.177	25.150	1.163
23.733	1.189	24.450	1.177	25.167	1.164
23.750	1.19	24.467	1.177	25.183	1.163
23.767	1.189	24.483	1.177	25.200	1.163
23.783	1.188	24.500	1.177	25.217	1.163
23.800	1.182	24.517	1.178	25.233	1.163
23.817	1.182	24.533	1.178	25.250	1.163
23.833	1.182	24.550	1.169	25.267	1.163
23.850	1.182	24.567	1.176	25.283	1.163
23.867	1.19	24.583	1.177	25.300	1.164
23.883	1.183	24.600	1.171	25.317	1.163
23.900	1.184	24.617	1.177	25.333	1.156
23.917	1.182	24.633	1.17	25.350	1.163
23.933	1.183	24.650	1.169	25.367	1.157
23.950	1.183	24.667	1.17	25.383	1.155
23.967	1.183	24.683	1.17	25.400	1.155
23.983	1.183	24.700	1.17	25.417	1.155
24.000	1.183	24.717	1.17	25.433	1.163
24.017	1.184	24.733	1.17	25.450	1.155
24.033	1.183	24.750	1.171	25.467	1.155
24.050	1.183	24.767	1.17	25.483	1.154
24.067	1.183	24.783	1.17	25.500	1.161
24.083	1.183	24.800	1.171	25.517	1.155
24.100	1.183	24.817	1.171	25.533	1.154
24.117	1.183	24.833	1.17	25.550	1.155
24.133	1.183	24.850	1.17	25.567	1.156
24.150	1.183	24.867	1.17	25.583	1.156
24.167	1.183	24.883	1.171	25.600	1.155
24.183	1.183	24.900	1.17	25.617	1.155
24.200	1.184	24.917	1.17	25.633	1.156
24.217	1.184	24.933	1.17	25.650	1.155
24.233	1.176	24.950	1.17	25.667	1.155
24.250	1.184	24.967	1.164	25.683	1.156

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
25.700	1.156	26.417	1.143	27.133	1.128
25.717	1.156	26.433	1.143	27.150	1.129
25.733	1.156	26.450	1.143	27.167	1.129
25.750	1.15	26.467	1.143	27.183	1.122
25.767	1.149	26.483	1.143	27.200	1.128
25.783	1.156	26.500	1.143	27.217	1.129
25.800	1.151	26.517	1.143	27.233	1.122
25.817	1.15	26.533	1.143	27.250	1.129
25.833	1.149	26.550	1.143	27.267	1.129
25.850	1.151	26.567	1.143	27.283	1.13
25.867	1.151	26.583	1.136	27.300	1.122
25.883	1.149	26.600	1.136	27.317	1.129
25.900	1.151	26.617	1.136	27.333	1.122
25.917	1.151	26.633	1.136	27.350	1.123
25.933	1.15	26.650	1.136	27.367	1.129
25.950	1.15	26.667	1.138	27.383	1.123
25.967	1.151	26.683	1.136	27.400	1.128
25.983	1.151	26.700	1.136	27.417	1.129
26.000	1.15	26.717	1.136	27.433	1.127
26.017	1.151	26.733	1.136	27.450	1.129
26.033	1.15	26.750	1.136	27.467	1.121
26.050	1.15	26.767	1.135	27.483	1.121
26.067	1.151	26.783	1.135	27.500	1.121
26.083	1.144	26.800	1.135	27.517	1.122
26.100	1.15	26.817	1.136	27.533	1.122
26.117	1.15	26.833	1.129	27.550	1.121
26.133	1.15	26.850	1.136	27.567	1.121
26.150	1.151	26.867	1.136	27.583	1.121
26.167	1.144	26.883	1.136	27.600	1.122
26.183	1.15	26.900	1.136	27.617	1.122
26.200	1.15	26.917	1.129	27.633	1.122
26.217	1.144	26.933	1.129	27.650	1.122
26.233	1.143	26.950	1.129	27.667	1.122
26.250	1.142	26.967	1.135	27.683	1.121
26.267	1.144	26.983	1.129	27.700	1.122
26.283	1.142	27.000	1.128	27.717	1.122
26.300	1.143	27.017	1.129	27.733	1.114
26.317	1.143	27.033	1.129	27.750	1.121
26.333	1.143	27.050	1.128	27.767	1.122
26.350	1.143	27.067	1.128	27.783	1.121
26.367	1.143	27.083	1.128	27.800	1.121
26.383	1.144	27.100	1.128	27.817	1.113
26.400	1.143	27.117	1.129	27.833	1.114

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
27.850	1.115	28.567	1.108	29.283	1.094
27.867	1.114	28.583	1.108	29.300	1.094
27.883	1.113	28.600	1.106	29.317	1.094
27.900	1.114	28.617	1.1	29.333	1.094
27.917	1.114	28.633	1.101	29.350	1.094
27.933	1.113	28.650	1.108	29.367	1.094
27.950	1.114	28.667	1.1	29.383	1.094
27.967	1.114	28.683	1.101	29.400	1.094
27.983	1.114	28.700	1.1	29.417	1.094
28.000	1.114	28.717	1.101	29.433	1.088
28.017	1.114	28.733	1.1	29.450	1.089
28.033	1.114	28.750	1.101	29.467	1.088
28.050	1.114	28.767	1.1	29.483	1.088
28.067	1.113	28.783	1.1	29.500	1.089
28.083	1.114	28.800	1.101	29.517	1.088
28.100	1.114	28.817	1.1	29.533	1.088
28.117	1.114	28.833	1.099	29.550	1.088
28.133	1.115	28.850	1.101	29.567	1.087
28.150	1.113	28.867	1.101	29.583	1.087
28.167	1.113	28.883	1.101	29.600	1.087
28.183	1.114	28.900	1.1	29.617	1.087
28.200	1.114	28.917	1.101	29.633	1.087
28.217	1.107	28.933	1.101	29.650	1.088
28.233	1.107	28.950	1.1	29.667	1.088
28.250	1.107	28.967	1.1	29.683	1.088
28.267	1.106	28.983	1.101	29.700	1.088
28.283	1.107	29.000	1.1	29.717	1.081
28.300	1.107	29.017	1.1	29.733	1.088
28.317	1.106	29.033	1.093	29.750	1.088
28.333	1.108	29.050	1.101	29.767	1.088
28.350	1.107	29.067	1.094	29.783	1.088
28.367	1.107	29.083	1.094	29.800	1.081
28.383	1.107	29.100	1.094	29.817	1.081
28.400	1.108	29.117	1.094	29.833	1.086
28.417	1.108	29.133	1.093	29.850	1.08
28.433	1.108	29.150	1.094	29.867	1.087
28.450	1.107	29.167	1.094	29.883	1.081
28.467	1.108	29.183	1.094	29.900	1.08
28.483	1.108	29.200	1.094	29.917	1.081
28.500	1.108	29.217	1.095	29.933	1.079
28.517	1.106	29.233	1.094	29.950	1.087
28.533	1.107	29.250	1.093	29.967	1.08
28.550	1.107	29.267	1.094	29.983	1.08

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
30.000	1.08	30.717	1.073	31.433	1.058
30.017	1.081	30.733	1.066	31.450	1.059
30.033	1.08	30.750	1.066	31.467	1.058
30.050	1.081	30.767	1.065	31.483	1.057
30.067	1.08	30.783	1.066	31.500	1.058
30.083	1.08	30.800	1.066	31.517	1.058
30.100	1.08	30.817	1.065	31.533	1.059
30.117	1.08	30.833	1.066	31.550	1.058
30.133	1.081	30.850	1.066	31.567	1.052
30.150	1.081	30.867	1.065	31.583	1.051
30.167	1.08	30.883	1.065	31.600	1.051
30.183	1.081	30.900	1.066	31.617	1.052
30.200	1.082	30.917	1.065	31.633	1.052
30.217	1.081	30.933	1.066	31.650	1.051
30.233	1.074	30.950	1.065	31.667	1.052
30.250	1.074	30.967	1.066	31.683	1.058
30.267	1.081	30.983	1.066	31.700	1.051
30.283	1.074	31.000	1.065	31.717	1.05
30.300	1.082	31.017	1.065	31.733	1.051
30.317	1.075	31.033	1.064	31.750	1.052
30.333	1.074	31.050	1.066	31.767	1.051
30.350	1.074	31.067	1.065	31.783	1.052
30.367	1.074	31.083	1.066	31.800	1.051
30.383	1.074	31.100	1.065	31.817	1.053
30.400	1.073	31.117	1.066	31.833	1.052
30.417	1.075	31.133	1.059	31.850	1.051
30.433	1.072	31.150	1.065	31.867	1.051
30.450	1.074	31.167	1.059	31.883	1.051
30.467	1.074	31.183	1.065	31.900	1.052
30.483	1.073	31.200	1.065	31.917	1.051
30.500	1.074	31.217	1.058	31.933	1.051
30.517	1.073	31.233	1.059	31.950	1.052
30.533	1.074	31.250	1.059	31.967	1.051
30.550	1.074	31.267	1.059	31.983	1.052
30.567	1.074	31.283	1.059	32.000	1.051
30.583	1.073	31.300	1.059	32.017	1.052
30.600	1.072	31.317	1.057	32.033	1.052
30.617	1.073	31.333	1.058	32.050	1.051
30.633	1.073	31.350	1.058	32.067	1.052
30.650	1.073	31.367	1.058	32.083	1.052
30.667	1.073	31.383	1.058	32.100	1.052
30.683	1.072	31.400	1.057	32.117	1.052
30.700	1.066	31.417	1.057	32.133	1.046

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
32.150	1.045	32.867	1.039	33.583	1.025
32.167	1.045	32.883	1.038	33.600	1.024
32.183	1.045	32.900	1.038	33.617	1.024
32.200	1.053	32.917	1.038	33.633	1.024
32.217	1.046	32.933	1.038	33.650	1.024
32.233	1.045	32.950	1.039	33.667	1.024
32.250	1.044	32.967	1.038	33.683	1.025
32.267	1.045	32.983	1.037	33.700	1.024
32.283	1.044	33.000	1.038	33.717	1.023
32.300	1.045	33.017	1.039	33.733	1.024
32.317	1.045	33.033	1.036	33.750	1.023
32.333	1.045	33.050	1.037	33.767	1.023
32.350	1.044	33.067	1.037	33.783	1.023
32.367	1.044	33.083	1.031	33.800	1.025
32.383	1.045	33.100	1.03	33.817	1.024
32.400	1.044	33.117	1.031	33.833	1.025
32.417	1.045	33.133	1.038	33.850	1.024
32.433	1.043	33.150	1.031	33.867	1.023
32.450	1.045	33.167	1.031	33.883	1.023
32.467	1.044	33.183	1.03	33.900	1.024
32.483	1.037	33.200	1.031	33.917	1.023
32.500	1.044	33.217	1.031	33.933	1.017
32.517	1.044	33.233	1.03	33.950	1.024
32.533	1.038	33.250	1.031	33.967	1.024
32.550	1.045	33.267	1.031	33.983	1.024
32.567	1.044	33.283	1.031	34.000	1.016
32.583	1.045	33.300	1.03	34.017	1.023
32.600	1.037	33.317	1.03	34.033	1.017
32.617	1.038	33.333	1.03	34.050	1.017
32.633	1.038	33.350	1.03	34.067	1.017
32.650	1.038	33.367	1.031	34.083	1.017
32.667	1.038	33.383	1.031	34.100	1.017
32.683	1.037	33.400	1.031	34.117	1.017
32.700	1.037	33.417	1.031	34.133	1.017
32.717	1.038	33.433	1.031	34.150	1.023
32.733	1.038	33.450	1.031	34.167	1.016
32.750	1.039	33.467	1.031	34.183	1.018
32.767	1.039	33.483	1.024	34.200	1.018
32.783	1.038	33.500	1.031	34.217	1.017
32.800	1.039	33.517	1.032	34.233	1.017
32.817	1.039	33.533	1.031	34.250	1.017
32.833	1.039	33.550	1.025	34.267	1.017
32.850	1.039	33.567	1.024	34.283	1.017

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
34.300	1.017	35.017	1.01	35.733	0.998
34.317	1.017	35.033	1.01	35.750	0.998
34.333	1.018	35.050	1.011	35.767	0.998
34.350	1.017	35.067	1.011	35.783	0.997
34.367	1.018	35.083	1.004	35.800	0.998
34.383	1.018	35.100	1.005	35.817	0.998
34.400	1.017	35.117	1.003	35.833	0.996
34.417	1.016	35.133	1.01	35.850	0.998
34.433	1.016	35.150	1.004	35.867	0.998
34.450	1.017	35.167	1.004	35.883	0.999
34.467	1.017	35.183	1.003	35.900	0.998
34.483	1.017	35.200	1.003	35.917	0.998
34.500	1.01	35.217	1.005	35.933	0.997
34.517	1.018	35.233	1.004	35.950	0.998
34.533	1.01	35.250	1.004	35.967	0.998
34.550	1.011	35.267	1.003	35.983	0.998
34.567	1.01	35.283	1.003	36.000	0.998
34.583	1.017	35.300	1.003	36.017	0.991
34.600	1.011	35.317	1.003	36.033	0.991
34.617	1.01	35.333	1.003	36.050	0.997
34.633	1.011	35.350	1.004	36.067	0.997
34.650	1.01	35.367	1.002	36.083	0.997
34.667	1.01	35.383	1.004	36.100	0.989
34.683	1.01	35.400	1.003	36.117	0.997
34.700	1.01	35.417	1.004	36.133	0.989
34.717	1.01	35.433	1.003	36.150	0.99
34.733	1.01	35.450	1.003	36.167	0.989
34.750	1.01	35.467	1.004	36.183	0.99
34.767	1.01	35.483	0.996	36.200	0.991
34.783	1.011	35.500	1.003	36.217	0.99
34.800	1.011	35.517	1.004	36.233	0.99
34.817	1.01	35.533	1.004	36.250	0.99
34.833	1.01	35.550	1.005	36.267	0.991
34.850	1.011	35.567	0.998	36.283	0.99
34.867	1.012	35.583	0.998	36.300	0.99
34.883	1.011	35.600	0.998	36.317	0.991
34.900	1.01	35.617	0.997	36.333	0.99
34.917	1.011	35.633	0.996	36.350	0.99
34.933	1.01	35.650	0.997	36.367	0.989
34.950	1.01	35.667	0.998	36.383	0.99
34.967	1.011	35.683	0.998	36.400	0.99
34.983	1.003	35.700	0.997	36.417	0.99
35.000	1.011	35.717	0.998	36.433	0.99

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
36.450	0.991	37.167	0.975	37.883	0.961
36.467	0.989	37.183	0.975	37.900	0.961
36.483	0.989	37.200	0.975	37.917	0.961
36.500	0.989	37.217	0.995	37.933	0.962
36.517	0.989	37.233	0.974	37.950	0.96
36.533	0.989	37.250	0.974	37.967	0.961
36.550	0.99	37.267	0.974	37.983	0.961
36.567	0.982	37.283	0.975	38.000	0.96
36.583	0.982	37.300	0.974	38.017	0.961
36.600	0.989	37.317	0.974	38.033	0.967
36.617	0.982	37.333	0.967	38.050	0.967
36.633	0.982	37.350	0.968	38.067	0.96
36.650	0.983	37.367	0.974	38.083	0.961
36.667	0.983	37.383	0.967	38.100	0.96
36.683	0.982	37.400	0.966	38.117	0.96
36.700	0.982	37.417	0.968	38.133	0.961
36.717	0.981	37.433	0.969	38.150	0.961
36.733	0.982	37.450	0.975	38.167	0.961
36.750	0.982	37.467	0.967	38.183	0.961
36.767	0.982	37.483	0.967	38.200	0.961
36.783	0.981	37.500	0.968	38.217	0.962
36.800	0.982	37.517	0.967	38.233	0.961
36.817	0.982	37.533	0.968	38.250	0.954
36.833	0.982	37.550	0.968	38.267	0.961
36.850	0.982	37.567	0.968	38.283	0.954
36.867	0.982	37.583	0.967	38.300	0.954
36.883	0.982	37.600	0.967	38.317	0.96
36.900	0.982	37.617	0.967	38.333	0.961
36.917	0.981	37.633	0.967	38.350	0.953
36.933	0.981	37.650	0.967	38.367	0.954
36.950	0.982	37.667	0.967	38.383	0.961
36.967	0.981	37.683	0.967	38.400	0.953
36.983	0.983	37.700	0.968	38.417	0.961
37.000	0.983	37.717	0.967	38.433	0.953
37.017	0.982	37.733	0.967	38.450	0.96
37.033	0.983	37.750	0.966	38.467	0.954
37.050	0.982	37.767	0.967	38.483	0.954
37.067	0.982	37.783	0.967	38.500	0.953
37.083	0.981	37.800	0.967	38.517	0.954
37.100	0.974	37.817	0.962	38.533	0.954
37.117	0.975	37.833	0.967	38.550	0.954
37.133	0.982	37.850	0.966	38.567	0.953
37.150	0.974	37.867	0.967	38.583	0.954

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
38.600	0.953	39.317	0.94	40.033	0.935
38.617	0.953	39.333	0.947	40.050	0.935
38.633	0.954	39.350	0.941	40.067	0.934
38.650	0.953	39.367	0.941	40.083	0.927
38.667	0.954	39.383	0.941	40.100	0.935
38.683	0.953	39.400	0.94	40.117	0.934
38.700	0.953	39.417	0.941	40.133	0.928
38.717	0.954	39.433	0.94	40.150	0.934
38.733	0.947	39.450	0.941	40.167	0.934
38.750	0.947	39.467	0.947	40.183	0.934
38.767	0.947	39.483	0.941	40.200	0.934
38.783	0.948	39.500	0.941	40.217	0.934
38.800	0.946	39.517	0.942	40.233	0.926
38.817	0.947	39.533	0.941	40.250	0.935
38.833	0.953	39.550	0.941	40.267	0.933
38.850	0.947	39.567	0.941	40.283	0.927
38.867	0.947	39.583	0.941	40.300	0.934
38.883	0.954	39.600	0.941	40.317	0.927
38.900	0.947	39.617	0.941	40.333	0.926
38.917	0.947	39.633	0.94	40.350	0.927
38.933	0.946	39.650	0.942	40.367	0.934
38.950	0.947	39.667	0.941	40.383	0.934
38.967	0.947	39.683	0.94	40.400	0.926
38.983	0.947	39.700	0.941	40.417	0.933
39.000	0.947	39.717	0.941	40.433	0.933
39.017	0.947	39.733	0.942	40.450	0.934
39.033	0.947	39.750	0.942	40.467	0.927
39.050	0.947	39.767	0.941	40.483	0.927
39.067	0.947	39.783	0.941	40.500	0.927
39.083	0.947	39.800	0.942	40.517	0.927
39.100	0.947	39.817	0.934	40.533	0.933
39.117	0.947	39.833	0.942	40.550	0.927
39.133	0.947	39.850	0.935	40.567	0.926
39.150	0.947	39.867	0.934	40.583	0.927
39.167	0.94	39.883	0.941	40.600	0.926
39.183	0.94	39.900	0.942	40.617	0.926
39.200	0.948	39.917	0.934	40.633	0.926
39.217	0.947	39.933	0.935	40.650	0.926
39.233	0.941	39.950	0.934	40.667	0.926
39.250	0.947	39.967	0.934	40.683	0.926
39.267	0.94	39.983	0.943	40.700	0.926
39.283	0.941	40.000	0.935	40.717	0.927
39.300	0.948	40.017	0.935	40.733	0.926

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
40.750	0.928	41.467	0.914	42.183	0.905
40.767	0.927	41.483	0.913	42.200	0.905
40.783	0.919	41.500	0.912	42.217	0.905
40.800	0.927	41.517	0.913	42.233	0.905
40.817	0.926	41.533	0.913	42.250	0.905
40.833	0.927	41.550	0.912	42.267	0.904
40.850	0.927	41.567	0.913	42.283	0.904
40.867	0.919	41.583	0.912	42.300	0.904
40.883	0.92	41.600	0.912	42.317	0.905
40.900	0.927	41.617	0.912	42.333	0.905
40.917	0.92	41.633	0.913	42.350	0.904
40.933	0.919	41.650	0.912	42.367	0.899
40.950	0.92	41.667	0.912	42.383	0.898
40.967	0.919	41.683	0.912	42.400	0.898
40.983	0.919	41.700	0.912	42.417	0.898
41.000	0.92	41.717	0.913	42.433	0.899
41.017	0.92	41.733	0.912	42.450	0.898
41.033	0.919	41.750	0.913	42.467	0.898
41.050	0.919	41.767	0.913	42.483	0.898
41.067	0.919	41.783	0.913	42.500	0.898
41.083	0.919	41.800	0.912	42.517	0.903
41.100	0.919	41.817	0.912	42.533	0.904
41.117	0.919	41.833	0.912	42.550	0.899
41.133	0.919	41.850	0.905	42.567	0.904
41.150	0.919	41.867	0.906	42.583	0.899
41.167	0.919	41.883	0.912	42.600	0.899
41.183	0.919	41.900	0.912	42.617	0.898
41.200	0.92	41.917	0.913	42.633	0.899
41.217	0.919	41.933	0.912	42.650	0.898
41.233	0.912	41.950	0.913	42.667	0.899
41.250	0.92	41.967	0.906	42.683	0.898
41.267	0.912	41.983	0.905	42.700	0.898
41.283	0.919	42.000	0.906	42.717	0.898
41.300	0.918	42.017	0.905	42.733	0.899
41.317	0.92	42.033	0.906	42.750	0.898
41.333	0.92	42.050	0.905	42.767	0.899
41.350	0.913	42.067	0.906	42.783	0.899
41.367	0.919	42.083	0.906	42.800	0.898
41.383	0.919	42.100	0.906	42.817	0.897
41.400	0.92	42.117	0.906	42.833	0.898
41.417	0.913	42.133	0.905	42.850	0.899
41.433	0.92	42.150	0.905	42.867	0.898
41.450	0.913	42.167	0.905	42.883	0.898

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
42.900	0.898	43.617	0.884	44.333	0.877
42.917	0.898	43.633	0.884	44.350	0.878
42.933	0.898	43.650	0.884	44.367	0.877
42.950	0.891	43.667	0.884	44.383	0.877
42.967	0.891	43.683	0.883	44.400	0.878
42.983	0.897	43.700	0.892	44.417	0.878
43.000	0.897	43.717	0.883	44.433	0.877
43.017	0.89	43.733	0.891	44.450	0.877
43.033	0.89	43.750	0.884	44.467	0.877
43.050	0.896	43.767	0.884	44.483	0.877
43.067	0.891	43.783	0.891	44.500	0.877
43.083	0.897	43.800	0.884	44.517	0.878
43.100	0.898	43.817	0.885	44.533	0.877
43.117	0.89	43.833	0.885	44.550	0.877
43.133	0.891	43.850	0.884	44.567	0.876
43.150	0.891	43.867	0.884	44.583	0.876
43.167	0.89	43.883	0.884	44.600	0.878
43.183	0.89	43.900	0.885	44.617	0.876
43.200	0.89	43.917	0.883	44.633	0.87
43.217	0.89	43.933	0.883	44.650	0.878
43.233	0.89	43.950	0.885	44.667	0.877
43.250	0.89	43.967	0.884	44.683	0.87
43.267	0.89	43.983	0.884	44.700	0.878
43.283	0.89	44.000	0.885	44.717	0.87
43.300	0.89	44.017	0.885	44.733	0.87
43.317	0.89	44.033	0.885	44.750	0.877
43.333	0.89	44.050	0.884	44.767	0.877
43.350	0.89	44.067	0.878	44.783	0.876
43.367	0.891	44.083	0.878	44.800	0.869
43.383	0.89	44.100	0.886	44.817	0.877
43.400	0.89	44.117	0.884	44.833	0.869
43.417	0.89	44.133	0.885	44.850	0.87
43.433	0.889	44.150	0.877	44.867	0.877
43.450	0.883	44.167	0.878	44.883	0.87
43.467	0.89	44.183	0.877	44.900	0.869
43.483	0.89	44.200	0.885	44.917	0.87
43.500	0.89	44.217	0.885	44.933	0.87
43.517	0.882	44.233	0.885	44.950	0.869
43.533	0.89	44.250	0.877	44.967	0.87
43.550	0.883	44.267	0.878	44.983	0.87
43.567	0.89	44.283	0.885	45.000	0.87
43.583	0.884	44.300	0.885	45.017	0.869
43.600	0.883	44.317	0.878	45.033	0.869

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
45.050	0.869	45.767	0.862	46.483	0.852
45.067	0.869	45.783	0.862	46.500	0.847
45.083	0.869	45.800	0.862	46.517	0.846
45.100	0.87	45.817	0.861	46.533	0.846
45.117	0.871	45.833	0.862	46.550	0.847
45.133	0.869	45.850	0.861	46.567	0.846
45.150	0.871	45.867	0.854	46.583	0.846
45.167	0.87	45.883	0.861	46.600	0.853
45.183	0.871	45.900	0.861	46.617	0.846
45.200	0.87	45.917	0.854	46.633	0.845
45.217	0.862	45.933	0.861	46.650	0.846
45.233	0.87	45.950	0.854	46.667	0.846
45.250	0.869	45.967	0.861	46.683	0.853
45.267	0.871	45.983	0.853	46.700	0.846
45.283	0.864	46.000	0.861	46.717	0.846
45.300	0.864	46.017	0.854	46.733	0.845
45.317	0.862	46.033	0.854	46.750	0.846
45.333	0.869	46.050	0.861	46.767	0.846
45.350	0.869	46.067	0.853	46.783	0.846
45.367	0.87	46.083	0.853	46.800	0.846
45.383	0.869	46.100	0.853	46.817	0.846
45.400	0.862	46.117	0.854	46.833	0.846
45.417	0.863	46.133	0.854	46.850	0.846
45.433	0.869	46.150	0.853	46.867	0.846
45.450	0.868	46.167	0.853	46.883	0.845
45.467	0.862	46.183	0.853	46.900	0.851
45.483	0.861	46.200	0.852	46.917	0.852
45.500	0.862	46.217	0.853	46.933	0.844
45.517	0.861	46.233	0.847	46.950	0.845
45.533	0.862	46.250	0.853	46.967	0.844
45.550	0.863	46.267	0.854	46.983	0.845
45.567	0.862	46.283	0.853	47.000	0.838
45.583	0.861	46.300	0.853	47.017	0.843
45.600	0.861	46.317	0.853	47.033	0.838
45.617	0.862	46.333	0.853	47.050	0.844
45.633	0.861	46.350	0.854	47.067	0.838
45.650	0.861	46.367	0.853	47.083	0.838
45.667	0.868	46.383	0.853	47.100	0.837
45.683	0.862	46.400	0.854	47.117	0.844
45.700	0.862	46.417	0.854	47.133	0.838
45.717	0.863	46.433	0.846	47.150	0.837
45.733	0.862	46.450	0.845	47.167	0.838
45.750	0.863	46.467	0.846	47.183	0.837

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
47.200	0.838	47.917	0.835	48.633	0.818
47.217	0.838	47.933	0.828	48.650	0.826
47.233	0.839	47.950	0.829	48.667	0.827
47.250	0.837	47.967	0.828	48.683	0.826
47.267	0.837	47.983	0.828	48.700	0.82
47.283	0.838	48.000	0.829	48.717	0.825
47.300	0.837	48.017	0.828	48.733	0.819
47.317	0.836	48.033	0.828	48.750	0.819
47.333	0.843	48.050	0.828	48.767	0.82
47.350	0.836	48.067	0.829	48.783	0.819
47.367	0.836	48.083	0.828	48.800	0.819
47.383	0.837	48.100	0.828	48.817	0.819
47.400	0.836	48.117	0.829	48.833	0.819
47.417	0.836	48.133	0.828	48.850	0.819
47.433	0.836	48.150	0.828	48.867	0.819
47.450	0.835	48.167	0.827	48.883	0.82
47.467	0.836	48.183	0.828	48.900	0.818
47.483	0.836	48.200	0.828	48.917	0.819
47.500	0.836	48.217	0.828	48.933	0.818
47.517	0.837	48.233	0.827	48.950	0.818
47.533	0.836	48.250	0.827	48.967	0.818
47.550	0.836	48.267	0.827	48.983	0.819
47.567	0.836	48.283	0.827	49.000	0.819
47.583	0.835	48.300	0.827	49.017	0.812
47.600	0.837	48.317	0.828	49.033	0.811
47.617	0.836	48.333	0.828	49.050	0.812
47.633	0.836	48.350	0.827	49.067	0.818
47.650	0.837	48.367	0.827	49.083	0.818
47.667	0.836	48.383	0.827	49.100	0.81
47.683	0.836	48.400	0.828	49.117	0.811
47.700	0.835	48.417	0.828	49.133	0.811
47.717	0.836	48.433	0.826	49.150	0.811
47.733	0.829	48.450	0.827	49.167	0.811
47.750	0.836	48.467	0.827	49.183	0.811
47.767	0.829	48.483	0.828	49.200	0.811
47.783	0.834	48.500	0.827	49.217	0.81
47.800	0.829	48.517	0.826	49.233	0.81
47.817	0.834	48.533	0.827	49.250	0.811
47.833	0.829	48.550	0.826	49.267	0.811
47.850	0.829	48.567	0.825	49.283	0.811
47.867	0.828	48.583	0.827	49.300	0.811
47.883	0.835	48.600	0.821	49.317	0.811
47.900	0.835	48.617	0.82	49.333	0.811

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
49.350	0.81	50.067	0.803	50.783	0.796
49.367	0.81	50.083	0.804	50.800	0.796
49.383	0.811	50.100	0.797	50.817	0.795
49.400	0.81	50.117	0.804	50.833	0.797
49.417	0.81	50.133	0.796	50.850	0.797
49.433	0.811	50.150	0.803	50.867	0.796
49.450	0.811	50.167	0.798	50.883	0.796
49.467	0.811	50.183	0.797	50.900	0.795
49.483	0.81	50.200	0.797	50.917	0.789
49.500	0.811	50.217	0.796	50.933	0.796
49.517	0.811	50.233	0.804	50.950	0.797
49.533	0.81	50.250	0.803	50.967	0.796
49.550	0.81	50.267	0.797	50.983	0.789
49.567	0.81	50.283	0.804	51.000	0.795
49.583	0.811	50.300	0.797	51.017	0.796
49.600	0.811	50.317	0.804	51.033	0.796
49.617	0.811	50.333	0.796	51.050	0.796
49.633	0.811	50.350	0.797	51.067	0.797
49.650	0.811	50.367	0.797	51.083	0.795
49.667	0.811	50.383	0.796	51.100	0.795
49.683	0.811	50.400	0.803	51.117	0.795
49.700	0.81	50.417	0.796	51.133	0.797
49.717	0.804	50.433	0.797	51.150	0.796
49.733	0.81	50.450	0.796	51.167	0.796
49.750	0.803	50.467	0.796	51.183	0.795
49.767	0.804	50.483	0.796	51.200	0.795
49.783	0.804	50.500	0.796	51.217	0.795
49.800	0.803	50.517	0.796	51.233	0.796
49.817	0.81	50.533	0.796	51.250	0.79
49.833	0.804	50.550	0.797	51.267	0.796
49.850	0.803	50.567	0.795	51.283	0.795
49.867	0.803	50.583	0.796	51.300	0.797
49.883	0.803	50.600	0.796	51.317	0.796
49.900	0.803	50.617	0.796	51.333	0.789
49.917	0.804	50.633	0.796	51.350	0.795
49.933	0.803	50.650	0.797	51.367	0.795
49.950	0.804	50.667	0.797	51.383	0.795
49.967	0.804	50.683	0.797	51.400	0.789
49.983	0.797	50.700	0.795	51.417	0.796
50.000	0.804	50.717	0.797	51.433	0.788
50.017	0.804	50.733	0.796	51.450	0.795
50.033	0.804	50.750	0.796	51.467	0.795
50.050	0.804	50.767	0.795	51.483	0.796

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
51.500	0.795	52.217	0.78	52.933	0.768
51.517	0.795	52.233	0.781	52.950	0.769
51.533	0.787	52.250	0.781	52.967	0.767
51.550	0.796	52.267	0.781	52.983	0.767
51.567	0.796	52.283	0.774	53.000	0.768
51.583	0.788	52.300	0.774	53.017	0.776
51.600	0.788	52.317	0.782	53.033	0.769
51.617	0.788	52.333	0.781	53.050	0.768
51.633	0.789	52.350	0.782	53.067	0.767
51.650	0.789	52.367	0.781	53.083	0.768
51.667	0.789	52.383	0.774	53.100	0.769
51.683	0.788	52.400	0.774	53.117	0.769
51.700	0.789	52.417	0.781	53.133	0.768
51.717	0.788	52.433	0.775	53.150	0.768
51.733	0.789	52.450	0.781	53.167	0.768
51.750	0.783	52.467	0.781	53.183	0.769
51.767	0.788	52.483	0.773	53.200	0.769
51.783	0.782	52.500	0.774	53.217	0.767
51.800	0.789	52.517	0.774	53.233	0.768
51.817	0.781	52.533	0.773	53.250	0.767
51.833	0.781	52.550	0.773	53.267	0.767
51.850	0.782	52.567	0.774	53.283	0.767
51.867	0.789	52.583	0.774	53.300	0.768
51.883	0.781	52.600	0.774	53.317	0.768
51.900	0.782	52.617	0.775	53.333	0.768
51.917	0.782	52.633	0.773	53.350	0.767
51.933	0.782	52.650	0.775	53.367	0.769
51.950	0.78	52.667	0.774	53.383	0.768
51.967	0.783	52.683	0.774	53.400	0.768
51.983	0.783	52.700	0.775	53.417	0.768
52.000	0.781	52.717	0.775	53.433	0.768
52.017	0.782	52.733	0.773	53.450	0.767
52.033	0.782	52.750	0.773	53.467	0.768
52.050	0.782	52.767	0.773	53.483	0.769
52.067	0.782	52.783	0.774	53.500	0.762
52.083	0.782	52.800	0.774	53.517	0.76
52.100	0.782	52.817	0.773	53.533	0.768
52.117	0.781	52.833	0.774	53.550	0.762
52.133	0.781	52.850	0.773	53.567	0.762
52.150	0.78	52.867	0.774	53.583	0.768
52.167	0.781	52.883	0.767	53.600	0.762
52.183	0.78	52.900	0.767	53.617	0.762
52.200	0.781	52.917	0.768	53.633	0.761

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
53.650	0.762	54.367	0.754	55.083	0.749
53.667	0.761	54.383	0.756	55.100	0.749
53.683	0.761	54.400	0.755	55.117	0.749
53.700	0.767	54.417	0.762	55.133	0.756
53.717	0.762	54.433	0.754	55.150	0.749
53.733	0.762	54.450	0.755	55.167	0.755
53.750	0.762	54.467	0.755	55.183	0.749
53.767	0.762	54.483	0.754	55.200	0.748
53.783	0.761	54.500	0.755	55.217	0.749
53.800	0.762	54.517	0.755	55.233	0.749
53.817	0.762	54.533	0.755	55.250	0.749
53.833	0.762	54.550	0.756	55.267	0.756
53.850	0.762	54.567	0.755	55.283	0.749
53.867	0.762	54.583	0.754	55.300	0.748
53.883	0.761	54.600	0.755	55.317	0.749
53.900	0.762	54.617	0.754	55.333	0.749
53.917	0.763	54.633	0.755	55.350	0.749
53.933	0.762	54.650	0.754	55.367	0.749
53.950	0.762	54.667	0.755	55.383	0.748
53.967	0.761	54.683	0.755	55.400	0.748
53.983	0.762	54.700	0.754	55.417	0.747
54.000	0.762	54.717	0.755	55.433	0.749
54.017	0.763	54.733	0.755	55.450	0.748
54.033	0.762	54.750	0.756	55.467	0.748
54.050	0.763	54.767	0.756	55.483	0.748
54.067	0.762	54.783	0.748	55.500	0.748
54.083	0.763	54.800	0.756	55.517	0.748
54.100	0.762	54.817	0.756	55.533	0.748
54.117	0.762	54.833	0.749	55.550	0.748
54.133	0.762	54.850	0.756	55.567	0.747
54.150	0.763	54.867	0.756	55.583	0.748
54.167	0.763	54.883	0.755	55.600	0.748
54.183	0.763	54.900	0.749	55.617	0.747
54.200	0.763	54.917	0.755	55.633	0.746
54.217	0.762	54.933	0.749	55.650	0.747
54.233	0.763	54.950	0.749	55.667	0.747
54.250	0.763	54.967	0.749	55.683	0.747
54.267	0.762	54.983	0.755	55.700	0.748
54.283	0.762	55.000	0.756	55.717	0.748
54.300	0.763	55.017	0.756	55.733	0.747
54.317	0.762	55.033	0.749	55.750	0.748
54.333	0.761	55.050	0.749	55.767	0.747
54.350	0.762	55.067	0.756	55.783	0.742

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
55.800	0.741	56.517	0.741	57.233	0.731
55.817	0.741	56.533	0.741	57.250	0.733
55.833	0.748	56.550	0.733	57.267	0.726
55.850	0.74	56.567	0.734	57.283	0.725
55.867	0.74	56.583	0.74	57.300	0.724
55.883	0.741	56.600	0.733	57.317	0.725
55.900	0.74	56.617	0.733	57.333	0.725
55.917	0.74	56.633	0.733	57.350	0.725
55.933	0.741	56.650	0.734	57.367	0.725
55.950	0.747	56.667	0.733	57.383	0.726
55.967	0.741	56.683	0.734	57.400	0.725
55.983	0.74	56.700	0.733	57.417	0.725
56.000	0.74	56.717	0.733	57.433	0.726
56.017	0.74	56.733	0.732	57.450	0.725
56.033	0.74	56.750	0.732	57.467	0.725
56.050	0.74	56.767	0.733	57.483	0.725
56.067	0.734	56.783	0.733	57.500	0.724
56.083	0.74	56.800	0.732	57.517	0.724
56.100	0.74	56.817	0.733	57.533	0.724
56.117	0.74	56.833	0.732	57.550	0.725
56.133	0.742	56.850	0.732	57.567	0.725
56.150	0.739	56.867	0.732	57.583	0.725
56.167	0.741	56.883	0.733	57.600	0.724
56.183	0.741	56.900	0.732	57.617	0.724
56.200	0.74	56.917	0.732	57.633	0.725
56.217	0.74	56.933	0.732	57.650	0.725
56.233	0.741	56.950	0.732	57.667	0.723
56.250	0.741	56.967	0.732	57.683	0.725
56.267	0.741	56.983	0.732	57.700	0.724
56.283	0.741	57.000	0.733	57.717	0.724
56.300	0.733	57.017	0.733	57.733	0.724
56.317	0.734	57.033	0.725	57.750	0.724
56.333	0.733	57.050	0.732	57.767	0.723
56.350	0.74	57.067	0.732	57.783	0.724
56.367	0.741	57.083	0.732	57.800	0.723
56.383	0.74	57.100	0.732	57.817	0.723
56.400	0.733	57.117	0.725	57.833	0.723
56.417	0.734	57.133	0.724	57.850	0.717
56.433	0.734	57.150	0.725	57.867	0.723
56.450	0.733	57.167	0.725	57.883	0.723
56.467	0.734	57.183	0.725	57.900	0.723
56.483	0.741	57.200	0.732	57.917	0.725
56.500	0.734	57.217	0.731	57.933	0.725

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
57.950	0.724	58.667	0.714	59.383	0.708
57.967	0.724	58.683	0.714	59.400	0.708
57.983	0.724	58.700	0.714	59.417	0.701
58.000	0.725	58.717	0.714	59.433	0.7
58.017	0.724	58.733	0.715	59.450	0.701
58.033	0.725	58.750	0.714	59.467	0.701
58.050	0.717	58.767	0.714	59.483	0.708
58.067	0.723	58.783	0.713	59.500	0.701
58.083	0.723	58.800	0.715	59.517	0.701
58.100	0.715	58.817	0.714	59.533	0.707
58.117	0.717	58.833	0.707	59.550	0.701
58.133	0.716	58.850	0.714	59.567	0.707
58.150	0.716	58.867	0.715	59.583	0.7
58.167	0.723	58.883	0.715	59.600	0.7
58.183	0.716	58.900	0.707	59.617	0.699
58.200	0.716	58.917	0.707	59.633	0.699
58.217	0.715	58.933	0.708	59.650	0.699
58.233	0.715	58.950	0.708	59.667	0.699
58.250	0.716	58.967	0.715	59.683	0.7
58.267	0.715	58.983	0.708	59.700	0.7
58.283	0.715	59.000	0.707	59.717	0.706
58.300	0.715	59.017	0.708	59.733	0.7
58.317	0.715	59.033	0.708	59.750	0.7
58.333	0.715	59.050	0.708	59.767	0.7
58.350	0.716	59.067	0.708	59.783	0.7
58.367	0.715	59.083	0.708	59.800	0.701
58.383	0.716	59.100	0.709	59.817	0.7
58.400	0.715	59.117	0.708	59.833	0.695
58.417	0.716	59.133	0.707	59.850	0.7
58.433	0.715	59.150	0.708	59.867	0.7
58.450	0.715	59.167	0.708	59.883	0.7
58.467	0.714	59.183	0.708	59.900	0.7
58.483	0.714	59.200	0.709	59.917	0.7
58.500	0.715	59.217	0.708	59.933	0.7
58.517	0.715	59.233	0.708	59.950	0.7
58.533	0.715	59.250	0.701	59.967	0.7
58.550	0.715	59.267	0.708	59.983	0.701
58.567	0.713	59.283	0.707	60.000	0.7
58.583	0.715	59.300	0.707	60.017	0.7
58.600	0.714	59.317	0.701	60.033	0.694
58.617	0.715	59.333	0.708	60.050	0.7
58.633	0.714	59.350	0.708	60.067	0.7
58.650	0.715	59.367	0.708	60.083	0.701

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
60.100	0.701	60.817	0.695	61.533	0.687
60.117	0.695	60.833	0.695	61.550	0.679
60.133	0.7	60.850	0.695	61.567	0.68
60.150	0.694	60.867	0.687	61.583	0.687
60.167	0.701	60.883	0.687	61.600	0.681
60.183	0.701	60.900	0.695	61.617	0.687
60.200	0.701	60.917	0.688	61.633	0.687
60.217	0.694	60.933	0.695	61.650	0.68
60.233	0.7	60.950	0.687	61.667	0.68
60.250	0.695	60.967	0.694	61.683	0.679
60.267	0.695	60.983	0.695	61.700	0.681
60.283	0.7	61.000	0.694	61.717	0.681
60.300	0.695	61.017	0.687	61.733	0.68
60.317	0.701	61.033	0.686	61.750	0.68
60.333	0.695	61.050	0.687	61.767	0.679
60.350	0.695	61.067	0.687	61.783	0.68
60.367	0.695	61.083	0.688	61.800	0.681
60.383	0.695	61.100	0.687	61.817	0.68
60.400	0.695	61.117	0.687	61.833	0.681
60.417	0.695	61.133	0.687	61.850	0.68
60.433	0.695	61.150	0.688	61.867	0.68
60.450	0.695	61.167	0.687	61.883	0.681
60.467	0.695	61.183	0.687	61.900	0.681
60.483	0.695	61.200	0.688	61.917	0.681
60.500	0.695	61.217	0.688	61.933	0.681
60.517	0.694	61.233	0.688	61.950	0.68
60.533	0.694	61.250	0.687	61.967	0.681
60.550	0.695	61.267	0.687	61.983	0.681
60.567	0.694	61.283	0.687	62.000	0.681
60.583	0.694	61.300	0.688	62.017	0.681
60.600	0.695	61.317	0.687	62.033	0.681
60.617	0.693	61.333	0.687	62.050	0.68
60.633	0.695	61.350	0.687	62.067	0.681
60.650	0.694	61.367	0.687	62.083	0.681
60.667	0.694	61.383	0.687	62.100	0.681
60.683	0.694	61.400	0.688	62.117	0.68
60.700	0.695	61.417	0.688	62.133	0.68
60.717	0.695	61.433	0.688	62.150	0.681
60.733	0.695	61.450	0.687	62.167	0.68
60.750	0.696	61.467	0.688	62.183	0.68
60.767	0.695	61.483	0.687	62.200	0.68
60.783	0.695	61.500	0.687	62.217	0.681
60.800	0.694	61.517	0.687	62.233	0.679

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
62.250	0.679	62.967	0.668	63.683	0.666
62.267	0.681	62.983	0.674	63.700	0.664
62.283	0.681	63.000	0.675	63.717	0.666
62.300	0.681	63.017	0.674	63.733	0.665
62.317	0.681	63.033	0.674	63.750	0.666
62.333	0.673	63.050	0.667	63.767	0.658
62.350	0.681	63.067	0.674	63.783	0.665
62.367	0.681	63.083	0.674	63.800	0.665
62.383	0.682	63.100	0.674	63.817	0.658
62.400	0.674	63.117	0.674	63.833	0.665
62.417	0.674	63.133	0.673	63.850	0.658
62.433	0.674	63.150	0.666	63.867	0.659
62.450	0.674	63.167	0.666	63.883	0.657
62.467	0.674	63.183	0.666	63.900	0.659
62.483	0.673	63.200	0.674	63.917	0.657
62.500	0.674	63.217	0.666	63.933	0.664
62.517	0.674	63.233	0.667	63.950	0.658
62.533	0.674	63.250	0.667	63.967	0.658
62.550	0.673	63.267	0.667	63.983	0.658
62.567	0.68	63.283	0.673	64.000	0.665
62.583	0.674	63.300	0.667	64.017	0.658
62.600	0.673	63.317	0.667	64.033	0.657
62.617	0.672	63.333	0.666	64.050	0.659
62.633	0.674	63.350	0.666	64.067	0.658
62.650	0.674	63.367	0.667	64.083	0.659
62.667	0.674	63.383	0.667	64.100	0.657
62.683	0.674	63.400	0.666	64.117	0.657
62.700	0.674	63.417	0.665	64.133	0.657
62.717	0.675	63.433	0.666	64.150	0.656
62.733	0.675	63.450	0.665	64.167	0.656
62.750	0.674	63.467	0.665	64.183	0.656
62.767	0.674	63.483	0.666	64.200	0.663
62.783	0.676	63.500	0.667	64.217	0.657
62.800	0.675	63.517	0.666	64.233	0.657
62.817	0.674	63.533	0.665	64.250	0.657
62.833	0.674	63.550	0.666	64.267	0.657
62.850	0.675	63.567	0.659	64.283	0.657
62.867	0.676	63.583	0.665	64.300	0.656
62.883	0.675	63.600	0.666	64.317	0.656
62.900	0.675	63.617	0.659	64.333	0.657
62.917	0.674	63.633	0.658	64.350	0.657
62.933	0.674	63.650	0.666	64.367	0.657
62.950	0.675	63.667	0.665	64.383	0.657

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
64.400	0.657	65.117	0.649	65.833	0.64
64.417	0.657	65.133	0.649	65.850	0.64
64.433	0.658	65.150	0.648	65.867	0.648
64.450	0.658	65.167	0.648	65.883	0.641
64.467	0.657	65.183	0.649	65.900	0.648
64.483	0.657	65.200	0.649	65.917	0.64
64.500	0.65	65.217	0.649	65.933	0.64
64.517	0.658	65.233	0.649	65.950	0.641
64.533	0.658	65.250	0.648	65.967	0.641
64.550	0.65	65.267	0.649	65.983	0.641
64.567	0.65	65.283	0.649	66.000	0.641
64.583	0.657	65.300	0.649	66.017	0.64
64.600	0.657	65.317	0.648	66.033	0.64
64.617	0.656	65.333	0.647	66.050	0.641
64.633	0.657	65.350	0.649	66.067	0.64
64.650	0.657	65.367	0.649	66.083	0.641
64.667	0.657	65.383	0.647	66.100	0.64
64.683	0.656	65.400	0.648	66.117	0.64
64.700	0.658	65.417	0.648	66.133	0.642
64.717	0.657	65.433	0.648	66.150	0.64
64.733	0.657	65.450	0.649	66.167	0.64
64.750	0.65	65.467	0.647	66.183	0.64
64.767	0.649	65.483	0.648	66.200	0.64
64.783	0.649	65.500	0.648	66.217	0.64
64.800	0.656	65.517	0.648	66.233	0.64
64.817	0.657	65.533	0.647	66.250	0.64
64.833	0.65	65.550	0.647	66.267	0.64
64.850	0.649	65.567	0.648	66.283	0.639
64.867	0.656	65.583	0.647	66.300	0.64
64.883	0.648	65.600	0.64	66.317	0.64
64.900	0.649	65.617	0.64	66.333	0.64
64.917	0.656	65.633	0.648	66.350	0.64
64.933	0.65	65.650	0.641	66.367	0.64
64.950	0.649	65.667	0.648	66.383	0.639
64.967	0.649	65.683	0.641	66.400	0.639
64.983	0.649	65.700	0.64	66.417	0.64
65.000	0.649	65.717	0.648	66.433	0.64
65.017	0.649	65.733	0.647	66.450	0.64
65.033	0.649	65.750	0.647	66.467	0.639
65.050	0.649	65.767	0.647	66.483	0.64
65.067	0.649	65.783	0.64	66.500	0.64
65.083	0.649	65.800	0.641	66.517	0.632
65.100	0.649	65.817	0.64	66.533	0.633

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
66.550	0.64	67.267	0.632	67.983	0.619
66.567	0.64	67.283	0.632	68.000	0.626
66.583	0.639	67.300	0.625	68.017	0.626
66.600	0.64	67.317	0.626	68.033	0.626
66.617	0.633	67.333	0.632	68.050	0.626
66.633	0.639	67.350	0.633	68.067	0.627
66.650	0.639	67.367	0.633	68.083	0.627
66.667	0.632	67.383	0.633	68.100	0.626
66.683	0.632	67.400	0.633	68.117	0.626
66.700	0.633	67.417	0.627	68.133	0.627
66.717	0.639	67.433	0.632	68.150	0.627
66.733	0.639	67.450	0.634	68.167	0.626
66.750	0.632	67.467	0.628	68.183	0.627
66.767	0.64	67.483	0.633	68.200	0.627
66.783	0.633	67.500	0.633	68.217	0.627
66.800	0.633	67.517	0.633	68.233	0.626
66.817	0.633	67.533	0.628	68.250	0.627
66.833	0.633	67.550	0.633	68.267	0.627
66.850	0.64	67.567	0.633	68.283	0.626
66.867	0.632	67.583	0.628	68.300	0.627
66.883	0.632	67.600	0.629	68.317	0.627
66.900	0.64	67.617	0.633	68.333	0.626
66.917	0.632	67.633	0.627	68.350	0.627
66.933	0.632	67.650	0.627	68.367	0.619
66.950	0.632	67.667	0.628	68.383	0.626
66.967	0.632	67.683	0.627	68.400	0.627
66.983	0.633	67.700	0.628	68.417	0.626
67.000	0.64	67.717	0.628	68.433	0.626
67.017	0.633	67.733	0.627	68.450	0.619
67.033	0.633	67.750	0.627	68.467	0.627
67.050	0.634	67.767	0.627	68.483	0.625
67.067	0.633	67.783	0.626	68.500	0.627
67.083	0.634	67.800	0.626	68.517	0.626
67.100	0.633	67.817	0.625	68.533	0.625
67.117	0.633	67.833	0.626	68.550	0.626
67.133	0.633	67.850	0.626	68.567	0.625
67.150	0.633	67.867	0.626	68.583	0.626
67.167	0.633	67.883	0.627	68.600	0.626
67.183	0.633	67.900	0.626	68.617	0.627
67.200	0.633	67.917	0.626	68.633	0.627
67.217	0.633	67.933	0.626	68.650	0.619
67.233	0.633	67.950	0.628	68.667	0.627
67.250	0.627	67.967	0.627	68.683	0.626

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
68.700	0.626	69.417	0.62	70.133	0.612
68.717	0.626	69.433	0.62	70.150	0.611
68.733	0.628	69.450	0.619	70.167	0.611
68.750	0.627	69.467	0.619	70.183	0.612
68.767	0.626	69.483	0.619	70.200	0.612
68.783	0.619	69.500	0.619	70.217	0.613
68.800	0.619	69.517	0.619	70.233	0.612
68.817	0.619	69.533	0.611	70.250	0.611
68.833	0.625	69.550	0.619	70.267	0.611
68.850	0.619	69.567	0.619	70.283	0.612
68.867	0.618	69.583	0.619	70.300	0.612
68.883	0.619	69.600	0.619	70.317	0.611
68.900	0.619	69.617	0.62	70.333	0.611
68.917	0.618	69.633	0.619	70.350	0.612
68.933	0.619	69.650	0.619	70.367	0.613
68.950	0.618	69.667	0.62	70.383	0.612
68.967	0.618	69.683	0.619	70.400	0.612
68.983	0.618	69.700	0.62	70.417	0.611
69.000	0.619	69.717	0.619	70.433	0.611
69.017	0.627	69.733	0.619	70.450	0.611
69.033	0.627	69.750	0.62	70.467	0.611
69.050	0.62	69.767	0.619	70.483	0.611
69.067	0.619	69.783	0.62	70.500	0.611
69.083	0.62	69.800	0.619	70.517	0.612
69.100	0.62	69.817	0.619	70.533	0.61
69.117	0.62	69.833	0.619	70.550	0.611
69.133	0.62	69.850	0.62	70.567	0.612
69.150	0.62	69.867	0.613	70.583	0.611
69.167	0.62	69.883	0.612	70.600	0.61
69.183	0.62	69.900	0.612	70.617	0.61
69.200	0.619	69.917	0.62	70.633	0.611
69.217	0.62	69.933	0.619	70.650	0.61
69.233	0.62	69.950	0.619	70.667	0.611
69.250	0.619	69.967	0.612	70.683	0.611
69.267	0.619	69.983	0.613	70.700	0.602
69.283	0.613	70.000	0.619	70.717	0.61
69.300	0.619	70.017	0.619	70.733	0.61
69.317	0.62	70.033	0.612	70.750	0.61
69.333	0.613	70.050	0.612	70.767	0.604
69.350	0.619	70.067	0.613	70.783	0.611
69.367	0.618	70.083	0.612	70.800	0.61
69.383	0.62	70.100	0.62	70.817	0.604
69.400	0.618	70.117	0.612	70.833	0.603

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
70.850	0.61	71.567	0.602	72.283	0.596
70.867	0.604	71.583	0.603	72.300	0.603
70.883	0.61	71.600	0.603	72.317	0.596
70.900	0.609	71.617	0.603	72.333	0.596
70.917	0.609	71.633	0.602	72.350	0.595
70.933	0.61	71.650	0.603	72.367	0.596
70.950	0.611	71.667	0.602	72.383	0.595
70.967	0.602	71.683	0.603	72.400	0.596
70.983	0.603	71.700	0.603	72.417	0.596
71.000	0.603	71.717	0.603	72.433	0.596
71.017	0.609	71.733	0.603	72.450	0.596
71.033	0.609	71.750	0.603	72.467	0.595
71.050	0.609	71.767	0.603	72.483	0.596
71.067	0.603	71.783	0.602	72.500	0.596
71.083	0.61	71.800	0.602	72.517	0.595
71.100	0.603	71.817	0.603	72.533	0.595
71.117	0.602	71.833	0.602	72.550	0.594
71.133	0.602	71.850	0.603	72.567	0.588
71.150	0.603	71.867	0.603	72.583	0.594
71.167	0.603	71.883	0.604	72.600	0.588
71.183	0.61	71.900	0.603	72.617	0.595
71.200	0.603	71.917	0.603	72.633	0.588
71.217	0.603	71.933	0.603	72.650	0.596
71.233	0.602	71.950	0.603	72.667	0.595
71.250	0.602	71.967	0.603	72.683	0.587
71.267	0.603	71.983	0.603	72.700	0.587
71.283	0.61	72.000	0.602	72.717	0.595
71.300	0.602	72.017	0.603	72.733	0.588
71.317	0.602	72.033	0.603	72.750	0.587
71.333	0.603	72.050	0.603	72.767	0.595
71.350	0.603	72.067	0.603	72.783	0.594
71.367	0.603	72.083	0.596	72.800	0.595
71.383	0.603	72.100	0.603	72.817	0.595
71.400	0.602	72.117	0.604	72.833	0.588
71.417	0.602	72.133	0.597	72.850	0.588
71.433	0.603	72.150	0.596	72.867	0.588
71.450	0.603	72.167	0.603	72.883	0.589
71.467	0.603	72.183	0.603	72.900	0.589
71.483	0.603	72.200	0.603	72.917	0.59
71.500	0.602	72.217	0.603	72.933	0.588
71.517	0.602	72.233	0.596	72.950	0.588
71.533	0.603	72.250	0.602	72.967	0.589
71.550	0.602	72.267	0.602	72.983	0.596

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
73.000	0.589	73.717	0.58	74.433	0.58
73.017	0.588	73.733	0.578	74.450	0.579
73.033	0.588	73.750	0.579	74.467	0.58
73.050	0.588	73.767	0.586	74.483	0.579
73.067	0.588	73.783	0.586	74.500	0.579
73.083	0.588	73.800	0.587	74.517	0.578
73.100	0.594	73.817	0.579	74.533	0.579
73.117	0.595	73.833	0.58	74.550	0.579
73.133	0.588	73.850	0.58	74.567	0.58
73.150	0.588	73.867	0.586	74.583	0.578
73.167	0.587	73.883	0.58	74.600	0.573
73.183	0.588	73.900	0.58	74.617	0.573
73.200	0.587	73.917	0.58	74.633	0.581
73.217	0.587	73.933	0.58	74.650	0.581
73.233	0.588	73.950	0.581	74.667	0.583
73.250	0.594	73.967	0.58	74.683	0.575
73.267	0.587	73.983	0.579	74.700	0.582
73.283	0.588	74.000	0.579	74.717	0.581
73.300	0.587	74.017	0.579	74.733	0.579
73.317	0.587	74.033	0.58	74.750	0.578
73.333	0.588	74.050	0.58	74.767	0.578
73.350	0.588	74.067	0.58	74.783	0.578
73.367	0.589	74.083	0.579	74.800	0.572
73.383	0.587	74.100	0.58	74.817	0.579
73.400	0.588	74.117	0.58	74.833	0.579
73.417	0.588	74.133	0.58	74.850	0.579
73.433	0.587	74.150	0.579	74.867	0.573
73.450	0.587	74.167	0.579	74.883	0.578
73.467	0.589	74.183	0.58	74.900	0.579
73.483	0.588	74.200	0.579	74.917	0.579
73.500	0.587	74.217	0.579	74.933	0.578
73.517	0.587	74.233	0.587	74.950	0.578
73.533	0.586	74.250	0.58	74.967	0.579
73.550	0.588	74.267	0.58	74.983	0.577
73.567	0.582	74.283	0.579	75.000	0.579
73.583	0.58	74.300	0.579	75.017	0.578
73.600	0.587	74.317	0.579	75.033	0.579
73.617	0.581	74.333	0.58	75.050	0.573
73.633	0.588	74.350	0.579	75.067	0.58
73.650	0.588	74.367	0.58	75.083	0.58
73.667	0.587	74.383	0.58	75.100	0.57
73.683	0.58	74.400	0.58	75.117	0.579
73.700	0.58	74.417	0.58	75.133	0.579

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
75.150	0.577	75.867	0.572	76.583	0.564
75.167	0.578	75.883	0.572	76.600	0.571
75.183	0.578	75.900	0.572	76.617	0.564
75.200	0.57	75.917	0.572	76.633	0.57
75.217	0.577	75.933	0.572	76.650	0.571
75.233	0.571	75.950	0.571	76.667	0.571
75.250	0.578	75.967	0.572	76.683	0.564
75.267	0.577	75.983	0.571	76.700	0.564
75.283	0.577	76.000	0.565	76.717	0.571
75.300	0.571	76.017	0.571	76.733	0.573
75.317	0.572	76.033	0.571	76.750	0.571
75.333	0.572	76.050	0.571	76.767	0.564
75.350	0.571	76.067	0.572	76.783	0.565
75.367	0.57	76.083	0.571	76.800	0.564
75.383	0.571	76.100	0.571	76.817	0.558
75.400	0.571	76.117	0.57	76.833	0.564
75.417	0.571	76.133	0.571	76.850	0.564
75.433	0.572	76.150	0.571	76.867	0.557
75.450	0.572	76.167	0.563	76.883	0.565
75.467	0.572	76.183	0.571	76.900	0.564
75.483	0.57	76.200	0.564	76.917	0.564
75.500	0.571	76.217	0.57	76.933	0.564
75.517	0.571	76.233	0.563	76.950	0.565
75.533	0.571	76.250	0.57	76.967	0.564
75.550	0.572	76.267	0.563	76.983	0.564
75.567	0.572	76.283	0.563	77.000	0.564
75.583	0.572	76.300	0.563	77.017	0.565
75.600	0.571	76.317	0.571	77.033	0.563
75.617	0.572	76.333	0.563	77.050	0.564
75.633	0.572	76.350	0.563	77.067	0.564
75.650	0.571	76.367	0.563	77.083	0.558
75.667	0.572	76.383	0.563	77.100	0.564
75.683	0.571	76.400	0.562	77.117	0.564
75.700	0.571	76.417	0.57	77.133	0.559
75.717	0.572	76.433	0.563	77.150	0.565
75.733	0.572	76.450	0.563	77.167	0.564
75.750	0.571	76.467	0.571	77.183	0.558
75.767	0.571	76.483	0.571	77.200	0.559
75.783	0.572	76.500	0.563	77.217	0.558
75.800	0.572	76.517	0.564	77.233	0.557
75.817	0.571	76.533	0.564	77.250	0.557
75.833	0.571	76.550	0.563	77.267	0.563
75.850	0.572	76.567	0.57	77.283	0.564

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
77.300	0.564	78.017	0.557	78.733	0.549
77.317	0.564	78.033	0.557	78.750	0.549
77.333	0.563	78.050	0.557	78.767	0.549
77.350	0.559	78.067	0.556	78.783	0.549
77.367	0.558	78.083	0.557	78.800	0.548
77.383	0.565	78.100	0.557	78.817	0.548
77.400	0.559	78.117	0.557	78.833	0.549
77.417	0.559	78.133	0.55	78.850	0.548
77.433	0.563	78.150	0.557	78.867	0.548
77.450	0.558	78.167	0.556	78.883	0.549
77.467	0.558	78.183	0.557	78.900	0.548
77.483	0.558	78.200	0.556	78.917	0.548
77.500	0.558	78.217	0.558	78.933	0.548
77.517	0.558	78.233	0.556	78.950	0.548
77.533	0.557	78.250	0.556	78.967	0.549
77.550	0.558	78.267	0.55	78.983	0.548
77.567	0.557	78.283	0.549	79.000	0.548
77.583	0.559	78.300	0.55	79.017	0.547
77.600	0.559	78.317	0.556	79.033	0.548
77.617	0.559	78.333	0.55	79.050	0.548
77.633	0.558	78.350	0.556	79.067	0.549
77.650	0.559	78.367	0.55	79.083	0.548
77.667	0.558	78.383	0.549	79.100	0.548
77.683	0.558	78.400	0.556	79.117	0.548
77.700	0.558	78.417	0.549	79.133	0.549
77.717	0.559	78.433	0.549	79.150	0.549
77.733	0.558	78.450	0.55	79.167	0.549
77.750	0.559	78.467	0.549	79.183	0.549
77.767	0.559	78.483	0.55	79.200	0.542
77.783	0.559	78.500	0.55	79.217	0.542
77.800	0.558	78.517	0.549	79.233	0.55
77.817	0.559	78.533	0.549	79.250	0.549
77.833	0.559	78.550	0.549	79.267	0.549
77.850	0.558	78.567	0.55	79.283	0.549
77.867	0.558	78.583	0.549	79.300	0.542
77.883	0.558	78.600	0.55	79.317	0.549
77.900	0.557	78.617	0.55	79.333	0.542
77.917	0.558	78.633	0.549	79.350	0.542
77.933	0.557	78.650	0.549	79.367	0.543
77.950	0.557	78.667	0.55	79.383	0.541
77.967	0.557	78.683	0.55	79.400	0.541
77.983	0.556	78.700	0.549	79.417	0.541
78.000	0.557	78.717	0.551	79.433	0.542

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
79.450	0.541	80.167	0.543	80.883	0.542
79.467	0.542	80.183	0.541	80.900	0.533
79.483	0.542	80.200	0.542	80.917	0.541
79.500	0.542	80.217	0.542	80.933	0.542
79.517	0.541	80.233	0.542	80.950	0.542
79.533	0.541	80.250	0.541	80.967	0.536
79.550	0.541	80.267	0.542	80.983	0.537
79.567	0.549	80.283	0.542	81.000	0.544
79.583	0.541	80.300	0.542	81.017	0.543
79.600	0.541	80.317	0.535	81.033	0.544
79.617	0.541	80.333	0.542	81.050	0.535
79.633	0.541	80.350	0.542	81.067	0.536
79.650	0.541	80.367	0.542	81.083	0.535
79.667	0.542	80.383	0.542	81.100	0.535
79.683	0.542	80.400	0.543	81.117	0.535
79.700	0.542	80.417	0.542	81.133	0.535
79.717	0.542	80.433	0.535	81.150	0.534
79.733	0.543	80.450	0.535	81.167	0.537
79.750	0.542	80.467	0.542	81.183	0.536
79.767	0.542	80.483	0.535	81.200	0.535
79.783	0.541	80.500	0.542	81.217	0.536
79.800	0.543	80.517	0.542	81.233	0.536
79.817	0.542	80.533	0.535	81.250	0.536
79.833	0.542	80.550	0.542	81.267	0.536
79.850	0.542	80.567	0.542	81.283	0.536
79.867	0.542	80.583	0.543	81.300	0.536
79.883	0.542	80.600	0.542	81.317	0.536
79.900	0.541	80.617	0.543	81.333	0.536
79.917	0.541	80.633	0.536	81.350	0.536
79.933	0.548	80.650	0.542	81.367	0.537
79.950	0.541	80.667	0.542	81.383	0.537
79.967	0.541	80.683	0.542	81.400	0.536
79.983	0.541	80.700	0.535	81.417	0.537
80.000	0.541	80.717	0.535	81.433	0.536
80.017	0.542	80.733	0.535	81.450	0.537
80.033	0.542	80.750	0.535	81.467	0.536
80.050	0.542	80.767	0.535	81.483	0.535
80.067	0.542	80.783	0.541	81.500	0.535
80.083	0.542	80.800	0.534	81.517	0.535
80.100	0.541	80.817	0.541	81.533	0.535
80.117	0.542	80.833	0.542	81.550	0.535
80.133	0.542	80.850	0.542	81.567	0.535
80.150	0.542	80.867	0.542	81.583	0.535

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
81.600	0.535	82.317	0.528	83.033	0.522
81.617	0.535	82.333	0.529	83.050	0.529
81.633	0.536	82.350	0.528	83.067	0.522
81.650	0.536	82.367	0.53	83.083	0.522
81.667	0.536	82.383	0.529	83.100	0.523
81.683	0.535	82.400	0.529	83.117	0.521
81.700	0.536	82.417	0.522	83.133	0.522
81.717	0.537	82.433	0.528	83.150	0.521
81.733	0.536	82.450	0.522	83.167	0.522
81.750	0.536	82.467	0.529	83.183	0.522
81.767	0.529	82.483	0.535	83.200	0.522
81.783	0.529	82.500	0.535	83.217	0.522
81.800	0.536	82.517	0.528	83.233	0.522
81.817	0.536	82.533	0.528	83.250	0.522
81.833	0.536	82.550	0.521	83.267	0.522
81.850	0.536	82.567	0.529	83.283	0.522
81.867	0.536	82.583	0.521	83.300	0.522
81.883	0.528	82.600	0.514	83.317	0.522
81.900	0.535	82.617	0.515	83.333	0.522
81.917	0.528	82.633	0.514	83.350	0.521
81.933	0.528	82.650	0.514	83.367	0.523
81.950	0.535	82.667	0.523	83.383	0.522
81.967	0.536	82.683	0.522	83.400	0.521
81.983	0.537	82.700	0.521	83.417	0.521
82.000	0.536	82.717	0.521	83.433	0.522
82.017	0.535	82.733	0.523	83.450	0.522
82.033	0.535	82.750	0.522	83.467	0.522
82.050	0.535	82.767	0.529	83.483	0.521
82.067	0.536	82.783	0.522	83.500	0.523
82.083	0.536	82.800	0.522	83.517	0.522
82.100	0.536	82.817	0.523	83.533	0.522
82.117	0.529	82.833	0.522	83.550	0.521
82.133	0.536	82.850	0.521	83.567	0.522
82.150	0.528	82.867	0.522	83.583	0.522
82.167	0.535	82.883	0.53	83.600	0.523
82.183	0.536	82.900	0.529	83.617	0.522
82.200	0.535	82.917	0.529	83.633	0.522
82.217	0.536	82.933	0.53	83.650	0.521
82.233	0.529	82.950	0.522	83.667	0.521
82.250	0.536	82.967	0.522	83.683	0.521
82.267	0.535	82.983	0.522	83.700	0.521
82.283	0.535	83.000	0.522	83.717	0.521
82.300	0.536	83.017	0.522	83.733	0.521

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
83.750	0.521	84.467	0.505	85.183	0.504
83.767	0.521	84.483	0.506	85.200	0.503
83.783	0.52	84.500	0.505	85.217	0.504
83.800	0.521	84.517	0.504	85.233	0.504
83.817	0.521	84.533	0.504	85.250	0.504
83.833	0.513	84.550	0.504	85.267	0.503
83.850	0.52	84.567	0.504	85.283	0.504
83.867	0.521	84.583	0.505	85.300	0.504
83.883	0.521	84.600	0.506	85.317	0.504
83.900	0.513	84.617	0.505	85.333	0.504
83.917	0.521	84.633	0.504	85.350	0.497
83.933	0.52	84.650	0.512	85.367	0.504
83.950	0.522	84.667	0.504	85.383	0.497
83.967	0.514	84.683	0.504	85.400	0.497
83.983	0.514	84.700	0.504	85.417	0.504
84.000	0.521	84.717	0.511	85.433	0.511
84.017	0.521	84.733	0.504	85.450	0.497
84.033	0.521	84.750	0.503	85.467	0.503
84.050	0.52	84.767	0.504	85.483	0.504
84.067	0.514	84.783	0.504	85.500	0.504
84.083	0.514	84.800	0.505	85.517	0.497
84.100	0.514	84.817	0.505	85.533	0.497
84.117	0.513	84.833	0.506	85.550	0.504
84.133	0.514	84.850	0.504	85.567	0.497
84.150	0.514	84.867	0.504	85.583	0.497
84.167	0.514	84.883	0.504	85.600	0.496
84.183	0.513	84.900	0.505	85.617	0.497
84.200	0.507	84.917	0.504	85.633	0.503
84.217	0.507	84.933	0.504	85.650	0.497
84.233	0.506	84.950	0.505	85.667	0.496
84.250	0.506	84.967	0.504	85.683	0.497
84.267	0.513	84.983	0.504	85.700	0.497
84.283	0.514	85.000	0.505	85.717	0.496
84.300	0.512	85.017	0.505	85.733	0.496
84.317	0.512	85.033	0.504	85.750	0.497
84.333	0.505	85.050	0.504	85.767	0.497
84.350	0.505	85.067	0.505	85.783	0.497
84.367	0.506	85.083	0.504	85.800	0.497
84.383	0.505	85.100	0.504	85.817	0.496
84.400	0.505	85.117	0.504	85.833	0.496
84.417	0.505	85.133	0.503	85.850	0.497
84.433	0.505	85.150	0.504	85.867	0.497
84.450	0.505	85.167	0.503	85.883	0.496

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
85.900	0.497	86.617	0.495	87.333	0.489
85.917	0.496	86.633	0.489	87.350	0.495
85.933	0.496	86.650	0.49	87.367	0.488
85.950	0.496	86.667	0.489	87.383	0.489
85.967	0.497	86.683	0.49	87.400	0.489
85.983	0.497	86.700	0.49	87.417	0.49
86.000	0.496	86.717	0.49	87.433	0.489
86.017	0.497	86.733	0.49	87.450	0.489
86.033	0.496	86.750	0.489	87.467	0.489
86.050	0.496	86.767	0.489	87.483	0.488
86.067	0.496	86.783	0.49	87.500	0.488
86.083	0.496	86.800	0.49	87.517	0.489
86.100	0.496	86.817	0.49	87.533	0.489
86.117	0.496	86.833	0.49	87.550	0.486
86.133	0.496	86.850	0.489	87.567	0.487
86.150	0.494	86.867	0.49	87.583	0.488
86.167	0.496	86.883	0.49	87.600	0.487
86.183	0.495	86.900	0.49	87.617	0.481
86.200	0.496	86.917	0.488	87.633	0.481
86.217	0.496	86.933	0.49	87.650	0.488
86.233	0.488	86.950	0.49	87.667	0.481
86.250	0.489	86.967	0.49	87.683	0.481
86.267	0.495	86.983	0.49	87.700	0.481
86.283	0.495	87.000	0.489	87.717	0.488
86.300	0.497	87.017	0.489	87.733	0.488
86.317	0.496	87.033	0.49	87.750	0.482
86.333	0.495	87.050	0.489	87.767	0.482
86.350	0.496	87.067	0.489	87.783	0.481
86.367	0.495	87.083	0.489	87.800	0.481
86.383	0.497	87.100	0.489	87.817	0.482
86.400	0.494	87.117	0.489	87.833	0.481
86.417	0.496	87.133	0.49	87.850	0.481
86.433	0.496	87.150	0.488	87.867	0.48
86.450	0.495	87.167	0.49	87.883	0.481
86.467	0.496	87.183	0.489	87.900	0.488
86.483	0.489	87.200	0.489	87.917	0.481
86.500	0.495	87.217	0.489	87.933	0.479
86.517	0.49	87.233	0.489	87.950	0.48
86.533	0.495	87.250	0.489	87.967	0.481
86.550	0.495	87.267	0.488	87.983	0.481
86.567	0.489	87.283	0.489	88.000	0.48
86.583	0.49	87.300	0.495	88.017	0.481
86.600	0.491	87.317	0.49	88.033	0.48

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
88.050	0.48	88.767	0.48	89.483	0.472
88.067	0.481	88.783	0.478	89.500	0.471
88.083	0.481	88.800	0.472	89.517	0.472
88.100	0.48	88.817	0.479	89.533	0.471
88.117	0.481	88.833	0.479	89.550	0.471
88.133	0.481	88.850	0.479	89.567	0.471
88.150	0.481	88.867	0.479	89.583	0.471
88.167	0.481	88.883	0.478	89.600	0.471
88.183	0.481	88.900	0.479	89.617	0.471
88.200	0.481	88.917	0.479	89.633	0.471
88.217	0.481	88.933	0.479	89.650	0.472
88.233	0.48	88.950	0.479	89.667	0.471
88.250	0.48	88.967	0.479	89.683	0.472
88.267	0.48	88.983	0.478	89.700	0.472
88.283	0.48	89.000	0.472	89.717	0.471
88.300	0.48	89.017	0.479	89.733	0.472
88.317	0.48	89.033	0.478	89.750	0.471
88.333	0.479	89.050	0.479	89.767	0.471
88.350	0.479	89.067	0.472	89.783	0.472
88.367	0.478	89.083	0.48	89.800	0.464
88.383	0.48	89.100	0.472	89.817	0.472
88.400	0.481	89.117	0.471	89.833	0.471
88.417	0.481	89.133	0.472	89.850	0.471
88.433	0.481	89.150	0.471	89.867	0.471
88.450	0.48	89.167	0.478	89.883	0.471
88.467	0.479	89.183	0.472	89.900	0.471
88.483	0.48	89.200	0.472	89.917	0.47
88.500	0.48	89.217	0.478	89.933	0.471
88.517	0.48	89.233	0.479	89.950	0.471
88.533	0.48	89.250	0.472	89.967	0.471
88.550	0.48	89.267	0.479	89.983	0.471
88.567	0.48	89.283	0.479	90.000	0.471
88.583	0.479	89.300	0.471	90.017	0.465
88.600	0.479	89.317	0.472	90.033	0.464
88.617	0.479	89.333	0.478	90.050	0.472
88.633	0.48	89.350	0.472	90.067	0.471
88.650	0.48	89.367	0.479	90.083	0.472
88.667	0.479	89.383	0.478	90.100	0.472
88.683	0.48	89.400	0.479	90.117	0.471
88.700	0.478	89.417	0.473	90.133	0.473
88.717	0.479	89.433	0.472	90.150	0.464
88.733	0.479	89.450	0.472	90.167	0.471
88.750	0.473	89.467	0.471	90.183	0.471

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
90.200	0.472	90.917	0.463	91.633	0.462
90.217	0.472	90.933	0.463	91.650	0.462
90.233	0.471	90.950	0.463	91.667	0.462
90.250	0.471	90.967	0.463	91.683	0.462
90.267	0.471	90.983	0.463	91.700	0.461
90.283	0.471	91.000	0.462	91.717	0.463
90.300	0.471	91.017	0.463	91.733	0.462
90.317	0.471	91.033	0.462	91.750	0.461
90.333	0.471	91.050	0.463	91.767	0.462
90.350	0.471	91.067	0.463	91.783	0.46
90.367	0.471	91.083	0.463	91.800	0.454
90.383	0.463	91.100	0.462	91.817	0.461
90.400	0.464	91.117	0.462	91.833	0.454
90.417	0.464	91.133	0.462	91.850	0.462
90.433	0.472	91.150	0.463	91.867	0.461
90.450	0.464	91.167	0.462	91.883	0.462
90.467	0.464	91.183	0.469	91.900	0.462
90.483	0.47	91.200	0.469	91.917	0.461
90.500	0.471	91.217	0.469	91.933	0.455
90.517	0.471	91.233	0.469	91.950	0.462
90.533	0.464	91.250	0.463	91.967	0.454
90.550	0.471	91.267	0.462	91.983	0.455
90.567	0.471	91.283	0.462	92.000	0.462
90.583	0.471	91.300	0.462	92.017	0.454
90.600	0.463	91.317	0.462	92.033	0.461
90.617	0.464	91.333	0.462	92.050	0.456
90.633	0.47	91.350	0.462	92.067	0.454
90.650	0.471	91.367	0.462	92.083	0.463
90.667	0.463	91.383	0.462	92.100	0.455
90.683	0.463	91.400	0.462	92.117	0.455
90.700	0.47	91.417	0.463	92.133	0.462
90.717	0.463	91.433	0.462	92.150	0.454
90.733	0.463	91.450	0.461	92.167	0.455
90.750	0.463	91.467	0.461	92.183	0.455
90.767	0.463	91.483	0.462	92.200	0.455
90.783	0.464	91.500	0.463	92.217	0.454
90.800	0.462	91.517	0.461	92.233	0.454
90.817	0.47	91.533	0.463	92.250	0.454
90.833	0.462	91.550	0.462	92.267	0.454
90.850	0.463	91.567	0.461	92.283	0.454
90.867	0.463	91.583	0.461	92.300	0.454
90.883	0.47	91.600	0.461	92.317	0.454
90.900	0.462	91.617	0.461	92.333	0.454

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
92.350	0.453	93.067	0.454	93.783	0.445
92.367	0.453	93.083	0.446	93.800	0.445
92.383	0.453	93.100	0.454	93.817	0.445
92.400	0.454	93.117	0.454	93.833	0.446
92.417	0.454	93.133	0.447	93.850	0.446
92.433	0.454	93.150	0.447	93.867	0.445
92.450	0.454	93.167	0.453	93.883	0.446
92.467	0.454	93.183	0.447	93.900	0.444
92.483	0.455	93.200	0.454	93.917	0.445
92.500	0.455	93.217	0.453	93.933	0.445
92.517	0.454	93.233	0.447	93.950	0.446
92.533	0.454	93.250	0.454	93.967	0.444
92.550	0.454	93.267	0.454	93.983	0.445
92.567	0.454	93.283	0.454	94.000	0.445
92.583	0.454	93.300	0.447	94.017	0.444
92.600	0.455	93.317	0.445	94.033	0.445
92.617	0.455	93.333	0.446	94.050	0.445
92.633	0.454	93.350	0.454	94.067	0.445
92.650	0.454	93.367	0.446	94.083	0.446
92.667	0.454	93.383	0.447	94.100	0.445
92.683	0.454	93.400	0.447	94.117	0.444
92.700	0.454	93.417	0.447	94.133	0.446
92.717	0.455	93.433	0.446	94.150	0.446
92.733	0.454	93.450	0.446	94.167	0.446
92.750	0.453	93.467	0.446	94.183	0.444
92.767	0.454	93.483	0.446	94.200	0.444
92.783	0.454	93.500	0.447	94.217	0.445
92.800	0.454	93.517	0.445	94.233	0.445
92.817	0.454	93.533	0.445	94.250	0.446
92.833	0.455	93.550	0.446	94.267	0.445
92.850	0.454	93.567	0.446	94.283	0.445
92.867	0.453	93.583	0.452	94.300	0.446
92.883	0.453	93.600	0.445	94.317	0.444
92.900	0.453	93.617	0.452	94.333	0.445
92.917	0.454	93.633	0.446	94.350	0.438
92.933	0.453	93.650	0.445	94.367	0.445
92.950	0.454	93.667	0.445	94.383	0.446
92.967	0.453	93.683	0.445	94.400	0.438
92.983	0.453	93.700	0.445	94.417	0.445
93.000	0.454	93.717	0.445	94.433	0.446
93.017	0.452	93.733	0.445	94.450	0.445
93.033	0.453	93.750	0.445	94.467	0.445
93.050	0.446	93.767	0.444	94.483	0.438

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
94.500	0.445	95.217	0.438	95.933	0.436
94.517	0.445	95.233	0.437	95.950	0.436
94.533	0.444	95.250	0.438	95.967	0.436
94.550	0.445	95.267	0.437	95.983	0.435
94.567	0.445	95.283	0.438	96.000	0.436
94.583	0.444	95.300	0.438	96.017	0.436
94.600	0.438	95.317	0.437	96.033	0.437
94.617	0.445	95.333	0.438	96.050	0.436
94.633	0.446	95.350	0.438	96.067	0.437
94.650	0.445	95.367	0.439	96.083	0.436
94.667	0.439	95.383	0.439	96.100	0.436
94.683	0.445	95.400	0.437	96.117	0.436
94.700	0.439	95.417	0.438	96.133	0.436
94.717	0.446	95.433	0.437	96.150	0.429
94.733	0.445	95.450	0.437	96.167	0.436
94.750	0.438	95.467	0.438	96.183	0.437
94.767	0.445	95.483	0.437	96.200	0.436
94.783	0.446	95.500	0.438	96.217	0.437
94.800	0.439	95.517	0.437	96.233	0.436
94.817	0.437	95.533	0.437	96.250	0.436
94.833	0.445	95.550	0.438	96.267	0.429
94.850	0.439	95.567	0.437	96.283	0.436
94.867	0.446	95.583	0.438	96.300	0.437
94.883	0.445	95.600	0.437	96.317	0.435
94.900	0.445	95.617	0.438	96.333	0.429
94.917	0.438	95.633	0.436	96.350	0.435
94.933	0.445	95.650	0.437	96.367	0.436
94.950	0.44	95.667	0.437	96.383	0.436
94.967	0.446	95.683	0.437	96.400	0.436
94.983	0.439	95.700	0.437	96.417	0.435
95.000	0.439	95.717	0.436	96.433	0.428
95.017	0.439	95.733	0.436	96.450	0.435
95.033	0.44	95.750	0.436	96.467	0.429
95.050	0.438	95.767	0.437	96.483	0.428
95.067	0.437	95.783	0.437	96.500	0.429
95.083	0.438	95.800	0.437	96.517	0.43
95.100	0.439	95.817	0.436	96.533	0.429
95.117	0.438	95.833	0.437	96.550	0.436
95.133	0.437	95.850	0.437	96.567	0.429
95.150	0.437	95.867	0.435	96.583	0.429
95.167	0.438	95.883	0.435	96.600	0.429
95.183	0.438	95.900	0.436	96.617	0.429
95.200	0.437	95.917	0.436	96.633	0.429

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
96.650	0.436	97.367	0.429	98.083	0.428
96.667	0.43	97.383	0.429	98.100	0.421
96.683	0.435	97.400	0.43	98.117	0.428
96.700	0.429	97.417	0.43	98.133	0.428
96.717	0.43	97.433	0.429	98.150	0.428
96.733	0.43	97.450	0.43	98.167	0.428
96.750	0.43	97.467	0.429	98.183	0.421
96.767	0.428	97.483	0.43	98.200	0.428
96.783	0.429	97.500	0.43	98.217	0.428
96.800	0.43	97.517	0.429	98.233	0.428
96.817	0.429	97.533	0.429	98.250	0.421
96.833	0.429	97.550	0.429	98.267	0.427
96.850	0.429	97.567	0.43	98.283	0.428
96.867	0.429	97.583	0.43	98.300	0.428
96.883	0.429	97.600	0.429	98.317	0.42
96.900	0.437	97.617	0.43	98.333	0.429
96.917	0.43	97.633	0.43	98.350	0.421
96.933	0.43	97.650	0.429	98.367	0.421
96.950	0.43	97.667	0.43	98.383	0.422
96.967	0.429	97.683	0.43	98.400	0.422
96.983	0.43	97.700	0.43	98.417	0.427
97.000	0.429	97.717	0.428	98.433	0.42
97.017	0.43	97.733	0.428	98.450	0.421
97.033	0.43	97.750	0.429	98.467	0.421
97.050	0.43	97.767	0.429	98.483	0.421
97.067	0.429	97.783	0.428	98.500	0.422
97.083	0.43	97.800	0.428	98.517	0.421
97.100	0.429	97.817	0.427	98.533	0.422
97.117	0.429	97.833	0.429	98.550	0.421
97.133	0.43	97.850	0.427	98.567	0.422
97.150	0.43	97.867	0.429	98.583	0.422
97.167	0.43	97.883	0.427	98.600	0.42
97.183	0.429	97.900	0.428	98.617	0.421
97.200	0.428	97.917	0.421	98.633	0.422
97.217	0.429	97.933	0.42	98.650	0.421
97.233	0.429	97.950	0.427	98.667	0.42
97.250	0.429	97.967	0.427	98.683	0.422
97.267	0.43	97.983	0.428	98.700	0.421
97.283	0.429	98.000	0.427	98.717	0.421
97.300	0.43	98.017	0.428	98.733	0.421
97.317	0.428	98.033	0.429	98.750	0.42
97.333	0.43	98.050	0.428	98.767	0.421
97.350	0.43	98.067	0.428	98.783	0.42

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
98.800	0.42	99.517	0.42	100.233	0.413
98.817	0.42	99.533	0.42	100.250	0.413
98.833	0.42	99.550	0.418	100.267	0.412
98.850	0.421	99.567	0.419	100.283	0.412
98.867	0.42	99.583	0.419	100.300	0.412
98.883	0.421	99.600	0.412	100.317	0.412
98.900	0.421	99.617	0.42	100.333	0.412
98.917	0.421	99.633	0.42	100.350	0.412
98.933	0.421	99.650	0.419	100.367	0.412
98.950	0.42	99.667	0.412	100.383	0.413
98.967	0.419	99.683	0.42	100.400	0.412
98.983	0.42	99.700	0.42	100.417	0.413
99.000	0.42	99.717	0.418	100.433	0.412
99.017	0.42	99.733	0.42	100.450	0.413
99.033	0.421	99.750	0.412	100.467	0.412
99.050	0.422	99.767	0.419	100.483	0.412
99.067	0.42	99.783	0.419	100.500	0.412
99.083	0.42	99.800	0.419	100.517	0.411
99.100	0.42	99.817	0.419	100.533	0.412
99.117	0.42	99.833	0.418	100.550	0.411
99.133	0.42	99.850	0.419	100.567	0.411
99.150	0.42	99.867	0.419	100.583	0.412
99.167	0.42	99.883	0.412	100.600	0.411
99.183	0.42	99.900	0.411	100.617	0.412
99.200	0.42	99.917	0.419	100.633	0.412
99.217	0.42	99.933	0.413	100.650	0.412
99.233	0.419	99.950	0.42	100.667	0.413
99.250	0.419	99.967	0.413	100.683	0.412
99.267	0.419	99.983	0.42	100.700	0.412
99.283	0.42	100.000	0.412	100.717	0.414
99.300	0.419	100.017	0.412	100.733	0.412
99.317	0.419	100.033	0.413	100.750	0.412
99.333	0.42	100.050	0.411	100.767	0.413
99.350	0.42	100.067	0.412	100.783	0.411
99.367	0.42	100.083	0.412	100.800	0.412
99.383	0.42	100.100	0.413	100.817	0.413
99.400	0.42	100.117	0.412	100.833	0.411
99.417	0.42	100.133	0.411	100.850	0.412
99.433	0.42	100.150	0.411	100.867	0.412
99.450	0.42	100.167	0.412	100.883	0.413
99.467	0.42	100.183	0.412	100.900	0.414
99.483	0.42	100.200	0.411	100.917	0.413
99.500	0.42	100.217	0.412	100.933	0.414

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
100.950	0.413	101.667	0.414	102.383	0.409
100.967	0.413	101.683	0.414	102.400	0.407
100.983	0.413	101.700	0.408	102.417	0.408
101.000	0.413	101.717	0.407	102.433	0.408
101.017	0.412	101.733	0.409	102.450	0.408
101.033	0.413	101.750	0.408	102.467	0.408
101.050	0.413	101.767	0.414	102.483	0.408
101.067	0.413	101.783	0.414	102.500	0.409
101.083	0.413	101.800	0.414	102.517	0.408
101.100	0.413	101.817	0.408	102.533	0.408
101.117	0.414	101.833	0.413	102.550	0.409
101.133	0.412	101.850	0.413	102.567	0.41
101.150	0.413	101.867	0.408	102.583	0.409
101.167	0.413	101.883	0.408	102.600	0.408
101.183	0.413	101.900	0.414	102.617	0.408
101.200	0.412	101.917	0.414	102.633	0.408
101.217	0.413	101.933	0.413	102.650	0.408
101.233	0.413	101.950	0.409	102.667	0.408
101.250	0.413	101.967	0.407	102.683	0.409
101.267	0.414	101.983	0.413	102.700	0.408
101.283	0.413	102.000	0.407	102.717	0.408
101.300	0.412	102.017	0.407	102.733	0.409
101.317	0.413	102.033	0.408	102.750	0.41
101.333	0.413	102.050	0.408	102.767	0.409
101.350	0.413	102.067	0.414	102.783	0.409
101.367	0.412	102.083	0.409	102.800	0.409
101.383	0.413	102.100	0.409	102.817	0.409
101.400	0.413	102.117	0.409	102.833	0.41
101.417	0.412	102.133	0.408	102.850	0.409
101.433	0.413	102.150	0.409	102.867	0.409
101.450	0.413	102.167	0.408	102.883	0.41
101.467	0.413	102.183	0.409	102.900	0.409
101.483	0.407	102.200	0.408	102.917	0.409
101.500	0.407	102.217	0.408	102.933	0.41
101.517	0.413	102.233	0.408	102.950	0.41
101.533	0.412	102.250	0.409	102.967	0.411
101.550	0.414	102.267	0.408	102.983	0.41
101.567	0.413	102.283	0.408	103.000	0.409
101.583	0.413	102.300	0.408	103.017	0.41
101.600	0.413	102.317	0.408	103.033	0.411
101.617	0.408	102.333	0.408	103.050	0.41
101.633	0.407	102.350	0.408	103.067	0.411
101.650	0.407	102.367	0.408	103.083	0.411

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
103.100	0.411	103.817	0.404	104.533	0.403
103.117	0.411	103.833	0.403	104.550	0.404
103.133	0.411	103.850	0.404	104.567	0.403
103.150	0.409	103.867	0.403	104.583	0.403
103.167	0.41	103.883	0.404	104.600	0.403
103.183	0.411	103.900	0.403	104.617	0.403
103.200	0.41	103.917	0.405	104.633	0.403
103.217	0.411	103.933	0.405	104.650	0.403
103.233	0.41	103.950	0.403	104.667	0.403
103.250	0.411	103.967	0.403	104.683	0.404
103.267	0.41	103.983	0.403	104.700	0.403
103.283	0.411	104.000	0.403	104.717	0.403
103.300	0.41	104.017	0.41	104.733	0.403
103.317	0.411	104.033	0.41	104.750	0.403
103.333	0.409	104.050	0.402	104.767	0.404
103.350	0.41	104.067	0.403	104.783	0.404
103.367	0.402	104.083	0.403	104.800	0.403
103.383	0.41	104.100	0.404	104.817	0.404
103.400	0.408	104.117	0.403	104.833	0.403
103.417	0.401	104.133	0.403	104.850	0.404
103.433	0.402	104.150	0.404	104.867	0.402
103.450	0.409	104.167	0.403	104.883	0.403
103.467	0.409	104.183	0.403	104.900	0.403
103.483	0.409	104.200	0.403	104.917	0.403
103.500	0.404	104.217	0.403	104.933	0.403
103.517	0.41	104.233	0.404	104.950	0.404
103.533	0.411	104.250	0.404	104.967	0.404
103.550	0.41	104.267	0.403	104.983	0.403
103.567	0.41	104.283	0.404	105.000	0.403
103.583	0.41	104.300	0.404	105.017	0.403
103.600	0.41	104.317	0.404	105.033	0.403
103.617	0.411	104.333	0.404	105.050	0.404
103.633	0.411	104.350	0.404	105.067	0.402
103.650	0.41	104.367	0.404	105.083	0.404
103.667	0.403	104.383	0.403	105.100	0.403
103.683	0.41	104.400	0.403	105.117	0.403
103.700	0.411	104.417	0.403	105.133	0.403
103.717	0.411	104.433	0.403	105.150	0.403
103.733	0.411	104.450	0.403	105.167	0.403
103.750	0.411	104.467	0.404	105.183	0.403
103.767	0.403	104.483	0.403	105.200	0.403
103.783	0.41	104.500	0.403	105.217	0.403
103.800	0.405	104.517	0.403	105.233	0.402

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
105.250	0.403	105.967	0.396	106.683	0.397
105.267	0.404	105.983	0.395	106.700	0.396
105.283	0.403	106.000	0.398	106.717	0.396
105.300	0.403	106.017	0.396	106.733	0.396
105.317	0.403	106.033	0.397	106.750	0.398
105.333	0.403	106.050	0.396	106.767	0.397
105.350	0.403	106.067	0.403	106.783	0.396
105.367	0.402	106.083	0.404	106.800	0.396
105.383	0.403	106.100	0.397	106.817	0.396
105.400	0.403	106.117	0.396	106.833	0.397
105.417	0.402	106.133	0.396	106.850	0.395
105.433	0.404	106.150	0.397	106.867	0.397
105.450	0.403	106.167	0.397	106.883	0.396
105.467	0.403	106.183	0.398	106.900	0.398
105.483	0.398	106.200	0.398	106.917	0.397
105.500	0.403	106.217	0.397	106.933	0.396
105.517	0.396	106.233	0.397	106.950	0.396
105.533	0.397	106.250	0.397	106.967	0.397
105.550	0.396	106.267	0.397	106.983	0.397
105.567	0.396	106.283	0.398	107.000	0.397
105.583	0.396	106.300	0.397	107.017	0.398
105.600	0.396	106.317	0.396	107.033	0.397
105.617	0.396	106.333	0.397	107.050	0.398
105.633	0.403	106.350	0.396	107.067	0.398
105.650	0.396	106.367	0.397	107.083	0.398
105.667	0.396	106.383	0.397	107.100	0.396
105.683	0.403	106.400	0.396	107.117	0.397
105.700	0.396	106.417	0.396	107.133	0.397
105.717	0.403	106.433	0.396	107.150	0.397
105.733	0.396	106.450	0.396	107.167	0.397
105.750	0.396	106.467	0.396	107.183	0.39
105.767	0.396	106.483	0.396	107.200	0.397
105.783	0.394	106.500	0.397	107.217	0.397
105.800	0.395	106.517	0.397	107.233	0.396
105.817	0.402	106.533	0.396	107.250	0.397
105.833	0.43	106.550	0.396	107.267	0.391
105.850	0.396	106.567	0.396	107.283	0.391
105.867	0.397	106.583	0.396	107.300	0.398
105.883	0.396	106.600	0.398	107.317	0.397
105.900	0.396	106.617	0.396	107.333	0.398
105.917	0.396	106.633	0.397	107.350	0.398
105.933	0.396	106.650	0.397	107.367	0.398
105.950	0.396	106.667	0.397	107.383	0.39

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
107.400	0.397	108.117	0.39	108.833	0.39
107.417	0.397	108.133	0.389	108.850	0.389
107.433	0.39	108.150	0.391	108.867	0.389
107.450	0.398	108.167	0.39	108.883	0.391
107.467	0.398	108.183	0.39	108.900	0.39
107.483	0.39	108.200	0.391	108.917	0.391
107.500	0.391	108.217	0.39	108.933	0.39
107.517	0.391	108.233	0.391	108.950	0.39
107.533	0.397	108.250	0.39	108.967	0.389
107.550	0.397	108.267	0.39	108.983	0.39
107.567	0.397	108.283	0.39	109.000	0.39
107.583	0.397	108.300	0.391	109.017	0.39
107.600	0.397	108.317	0.39	109.033	0.389
107.617	0.396	108.333	0.39	109.050	0.389
107.633	0.398	108.350	0.391	109.067	0.39
107.650	0.397	108.367	0.391	109.083	0.389
107.667	0.398	108.383	0.39	109.100	0.39
107.683	0.397	108.400	0.39	109.117	0.383
107.700	0.389	108.417	0.39	109.133	0.383
107.717	0.39	108.433	0.39	109.150	0.39
107.733	0.397	108.450	0.39	109.167	0.389
107.750	0.391	108.467	0.391	109.183	0.39
107.767	0.39	108.483	0.39	109.200	0.382
107.783	0.39	108.500	0.39	109.217	0.39
107.800	0.389	108.517	0.391	109.233	0.39
107.817	0.397	108.533	0.39	109.250	0.382
107.833	0.389	108.550	0.39	109.267	0.39
107.850	0.391	108.567	0.389	109.283	0.383
107.867	0.397	108.583	0.39	109.300	0.383
107.883	0.39	108.600	0.391	109.317	0.382
107.900	0.389	108.617	0.39	109.333	0.383
107.917	0.397	108.633	0.389	109.350	0.39
107.933	0.39	108.650	0.39	109.367	0.39
107.950	0.391	108.667	0.39	109.383	0.389
107.967	0.39	108.683	0.391	109.400	0.389
107.983	0.39	108.700	0.39	109.417	0.383
108.000	0.39	108.717	0.391	109.433	0.389
108.017	0.39	108.733	0.39	109.450	0.39
108.033	0.39	108.750	0.39	109.467	0.391
108.050	0.39	108.767	0.39	109.483	0.39
108.067	0.39	108.783	0.389	109.500	0.391
108.083	0.39	108.800	0.39	109.517	0.389
108.100	0.389	108.817	0.391	109.533	0.39

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
109.550	0.389	110.267	0.381	110.983	0.374
109.567	0.39	110.283	0.382	111.000	0.374
109.583	0.391	110.300	0.382	111.017	0.373
109.600	0.389	110.317	0.382	111.033	0.374
109.617	0.39	110.333	0.382	111.050	0.375
109.633	0.383	110.350	0.382	111.067	0.373
109.650	0.383	110.367	0.381	111.083	0.374
109.667	0.39	110.383	0.381	111.100	0.373
109.683	0.384	110.400	0.374	111.117	0.374
109.700	0.391	110.417	0.375	111.133	0.374
109.717	0.383	110.433	0.374	111.150	0.366
109.733	0.39	110.450	0.374	111.167	0.374
109.750	0.39	110.467	0.375	111.183	0.375
109.767	0.383	110.483	0.374	111.200	0.374
109.783	0.382	110.500	0.374	111.217	0.373
109.800	0.39	110.517	0.373	111.233	0.374
109.817	0.383	110.533	0.375	111.250	0.374
109.833	0.383	110.550	0.373	111.267	0.374
109.850	0.382	110.567	0.374	111.283	0.374
109.867	0.382	110.583	0.375	111.300	0.373
109.883	0.383	110.600	0.374	111.317	0.374
109.900	0.382	110.617	0.374	111.333	0.373
109.917	0.381	110.633	0.374	111.350	0.374
109.933	0.382	110.650	0.374	111.367	0.373
109.950	0.382	110.667	0.374	111.383	0.373
109.967	0.383	110.683	0.373	111.400	0.374
109.983	0.382	110.700	0.374	111.417	0.374
110.000	0.389	110.717	0.375	111.433	0.374
110.017	0.382	110.733	0.373	111.450	0.373
110.033	0.382	110.750	0.374	111.467	0.373
110.050	0.382	110.767	0.374	111.483	0.373
110.067	0.382	110.783	0.373	111.500	0.373
110.083	0.382	110.800	0.374	111.517	0.373
110.100	0.382	110.817	0.374	111.533	0.373
110.117	0.382	110.833	0.373	111.550	0.372
110.133	0.396	110.850	0.374	111.567	0.374
110.150	0.382	110.867	0.374	111.583	0.373
110.167	0.382	110.883	0.373	111.600	0.367
110.183	0.382	110.900	0.374	111.617	0.375
110.200	0.381	110.917	0.374	111.633	0.367
110.217	0.381	110.933	0.374	111.650	0.372
110.233	0.382	110.950	0.374	111.667	0.367
110.250	0.381	110.967	0.374	111.683	0.365

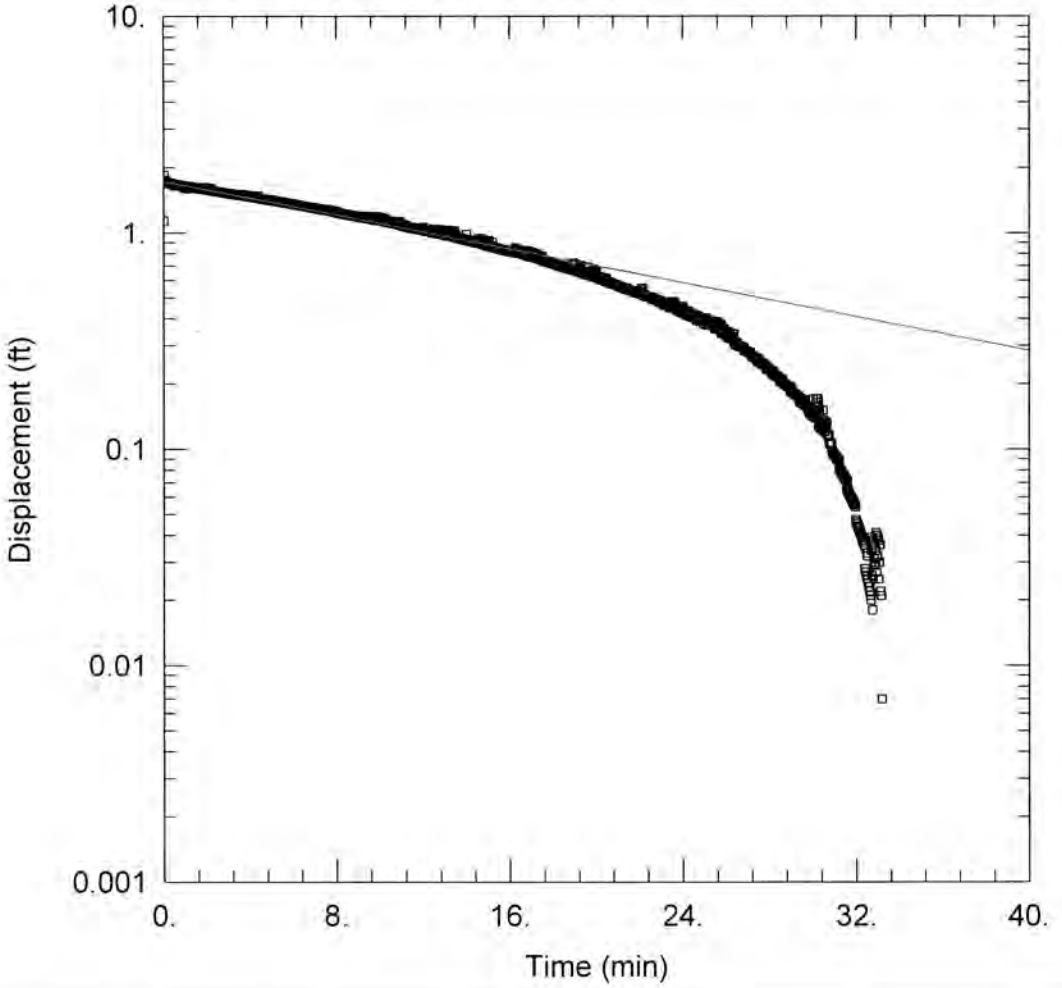
Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
111.700	0.374	112.417	0.366	113.133	0.364
111.717	0.366	112.433	0.366	113.150	0.365
111.733	0.373	112.450	0.366	113.167	0.365
111.750	0.374	112.467	0.366	113.183	0.365
111.767	0.366	112.483	0.366	113.200	0.365
111.783	0.374	112.500	0.367	113.217	0.365
111.800	0.366	112.517	0.365	113.233	0.365
111.817	0.367	112.533	0.367	113.250	0.365
111.833	0.374	112.550	0.367	113.267	0.365
111.850	0.373	112.567	0.367	113.283	0.365
111.867	0.366	112.583	0.366	113.300	0.366
111.883	0.367	112.600	0.365	113.317	0.365
111.900	0.366	112.617	0.367	113.333	0.365
111.917	0.374	112.633	0.365	113.350	0.365
111.933	0.373	112.650	0.365	113.367	0.365
111.950	0.367	112.667	0.366	113.383	0.364
111.967	0.372	112.683	0.366	113.400	0.365
111.983	0.366	112.700	0.365	113.417	0.364
112.000	0.366	112.717	0.366	113.433	0.365
112.017	0.373	112.733	0.367	113.450	0.365
112.033	0.374	112.750	0.366	113.467	0.364
112.050	0.366	112.767	0.366	113.483	0.364
112.067	0.375	112.783	0.366	113.500	0.365
112.083	0.366	112.800	0.366	113.517	0.366
112.100	0.373	112.817	0.365	113.533	0.365
112.117	0.373	112.833	0.366	113.550	0.365
112.133	0.374	112.850	0.365	113.567	0.366
112.150	0.366	112.867	0.365	113.583	0.366
112.167	0.367	112.883	0.366	113.600	0.365
112.183	0.365	112.900	0.366	113.617	0.365
112.200	0.366	112.917	0.365	113.633	0.365
112.217	0.367	112.933	0.365	113.650	0.366
112.233	0.366	112.950	0.366	113.667	0.365
112.250	0.366	112.967	0.365	113.683	0.365
112.267	0.367	112.983	0.365	113.700	0.364
112.283	0.366	113.000	0.358	113.717	0.357
112.300	0.367	113.017	0.365	113.733	0.358
112.317	0.366	113.033	0.364	113.750	0.365
112.333	0.366	113.050	0.365	113.767	0.365
112.350	0.367	113.067	0.364	113.783	0.358
112.367	0.366	113.083	0.365	113.800	0.358
112.383	0.374	113.100	0.365	113.817	0.357
112.400	0.366	113.117	0.365	113.833	0.366

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
113.850	0.365	114.567	0.363	115.283	0.355
113.867	0.365	114.583	0.357	115.300	0.355
113.883	0.365	114.600	0.357	115.317	0.355
113.900	0.365	114.617	0.357	115.333	0.355
113.917	0.365	114.633	0.357	115.350	0.356
113.933	0.359	114.650	0.356	115.367	0.355
113.950	0.358	114.667	0.356	115.383	0.355
113.967	0.365	114.683	0.357	115.400	0.355
113.983	0.365	114.700	0.356	115.417	0.355
114.000	0.358	114.717	0.356	115.433	0.355
114.017	0.359	114.733	0.356	115.450	0.355
114.033	0.359	114.750	0.355	115.467	0.356
114.050	0.358	114.767	0.356	115.483	0.356
114.067	0.366	114.783	0.357	115.500	0.355
114.083	0.366	114.800	0.357	115.517	0.355
114.100	0.366	114.817	0.363	115.533	0.356
114.117	0.365	114.833	0.356	115.550	0.355
114.133	0.358	114.850	0.356	115.567	0.355
114.150	0.358	114.867	0.363	115.583	0.356
114.167	0.365	114.883	0.357	115.600	0.348
114.183	0.358	114.900	0.356	115.617	0.356
114.200	0.358	114.917	0.356	115.633	0.355
114.217	0.358	114.933	0.362	115.650	0.348
114.233	0.358	114.950	0.356	115.667	0.355
114.250	0.357	114.967	0.356	115.683	0.354
114.267	0.364	114.983	0.356	115.700	0.355
114.283	0.358	115.000	0.357	115.717	0.355
114.300	0.356	115.017	0.356	115.733	0.354
114.317	0.358	115.033	0.355	115.750	0.355
114.333	0.357	115.050	0.355	115.767	0.347
114.350	0.357	115.067	0.356	115.783	0.354
114.367	0.357	115.083	0.355	115.800	0.355
114.383	0.364	115.100	0.355	115.817	0.355
114.400	0.358	115.117	0.355	115.833	0.355
114.417	0.357	115.133	0.356	115.850	0.355
114.433	0.358	115.150	0.357	115.867	0.355
114.450	0.364	115.167	0.356	115.883	0.355
114.467	0.358	115.183	0.355	115.900	0.355
114.483	0.357	115.200	0.356	115.917	0.355
114.500	0.363	115.217	0.355	115.933	0.355
114.517	0.357	115.233	0.355	115.950	0.355
114.533	0.357	115.250	0.355	115.967	0.355
114.550	0.364	115.267	0.356	115.983	0.354

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
116.000	0.354	116.717	0.347	117.433	0.347
116.017	0.354	116.733	0.347	117.450	0.348
116.033	0.354	116.750	0.347	117.467	0.347
116.050	0.348	116.767	0.348	117.483	0.347
116.067	0.355	116.783	0.347	117.500	0.346
116.083	0.354	116.800	0.346	117.517	0.346
116.100	0.354	116.817	0.347	117.533	0.347
116.117	0.354	116.833	0.346	117.550	0.347
116.133	0.348	116.850	0.347	117.567	0.34
116.150	0.354	116.867	0.347	117.583	0.345
116.167	0.354	116.883	0.346	117.600	0.346
116.183	0.347	116.900	0.347	117.617	0.346
116.200	0.355	116.917	0.348	117.633	0.347
116.217	0.348	116.933	0.347	117.650	0.346
116.233	0.348	116.950	0.347	117.667	0.347
116.250	0.353	116.967	0.347	117.683	0.346
116.267	0.348	116.983	0.348	117.700	0.346
116.283	0.347	117.000	0.347	117.717	0.347
116.300	0.347	117.017	0.347	117.733	0.347
116.317	0.347	117.033	0.347	117.750	0.347
116.333	0.354	117.050	0.347	117.767	0.347
116.350	0.347	117.067	0.347	117.783	0.347
116.367	0.347	117.083	0.347	117.800	0.347
116.383	0.346	117.100	0.348	117.817	0.346
116.400	0.346	117.117	0.348	117.833	0.345
116.417	0.353	117.133	0.346	117.850	0.346
116.433	0.348	117.150	0.347	117.867	0.34
116.450	0.354	117.167	0.346	117.883	0.346
116.467	0.346	117.183	0.346	117.900	0.345
116.483	0.354	117.200	0.346	117.917	0.347
116.500	0.347	117.217	0.346	117.933	0.346
116.517	0.354	117.233	0.345	117.950	0.346
116.533	0.346	117.250	0.345	117.967	0.339
116.550	0.347	117.267	0.346	117.983	0.346
116.567	0.346	117.283	0.346	118.000	0.345
116.583	0.347	117.300	0.347	118.017	0.346
116.600	0.347	117.317	0.346	118.033	0.346
116.617	0.348	117.333	0.347	118.050	0.345
116.633	0.347	117.350	0.346	118.067	0.346
116.650	0.348	117.367	0.345	118.083	0.345
116.667	0.346	117.383	0.346	118.100	0.347
116.683	0.354	117.400	0.348	118.117	0.345
116.700	0.348	117.417	0.347	118.133	0.346

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
118.150	0.345	118.867	0.339	119.583	0.655
118.167	0.347	118.883	0.34	119.600	0.655
118.183	0.34	118.900	0.339	119.617	0.654
118.200	0.34	118.917	0.34	119.633	0.656
118.217	0.34	118.933	0.338	119.650	0.655
118.233	0.34	118.950	0.339	119.667	0.655
118.250	0.34	118.967	0.339	119.683	0.655
118.267	0.345	118.983	0.338	119.700	0.655
118.283	0.347	119.000	0.339	119.717	0.653
118.300	0.345	119.017	0.339	119.733	0.655
118.317	0.345	119.033	0.339	119.750	0.655
118.333	0.347	119.050	0.34	119.767	0.654
118.350	0.345	119.067	0.346	119.783	0.654
118.367	0.34	119.083	0.339	119.800	0.655
118.383	0.34	119.100	0.339	119.817	0.655
118.400	0.345	119.117	0.339	119.833	0.654
118.417	0.339	119.133	0.339	119.850	0.654
118.433	0.341	119.150	0.338	119.867	0.339
118.450	0.34	119.167	0.339	119.883	0.339
118.467	0.34	119.183	0.339	119.900	0.338
118.483	0.34	119.200	0.339	119.917	0.339
118.500	0.34	119.217	0.339	119.933	0.339
118.517	0.341	119.233	0.338	119.950	0.339
118.533	0.34	119.250	0.339	119.967	0.339
118.550	0.341	119.267	0.339	119.983	0.338
118.567	0.34	119.283	0.34	120.000	0.339
118.583	0.34	119.300	0.339	120.017	0.339
118.600	0.34	119.317	0.339	120.033	0.338
118.617	0.346	119.333	0.339	120.050	0.339
118.633	0.339	119.350	0.339	120.067	0.338
118.650	0.339	119.367	0.34	120.083	0.338
118.667	0.34	119.383	0.338	120.100	0.338
118.683	0.339	119.400	0.345	120.117	0.339
118.700	0.34	119.417	0.339	120.133	0.338
118.717	0.345	119.433	0.339	120.150	0.338
118.733	0.339	119.450	0.339	120.167	0.338
118.750	0.339	119.467	0.34	120.183	0.337
118.767	0.339	119.483	0.34	120.200	0.337
118.783	0.339	119.500	0.339	120.217	0.338
118.800	0.339	119.517	0.655	120.233	0.337
118.817	0.339	119.533	0.654	120.250	0.336
118.833	0.339	119.550	0.655	120.267	0.338
118.850	0.339	119.567	0.654	120.283	0.338

Time (min)	Displacement (ft)
120.300	0.337
120.317	0.338
120.333	0.337
120.350	0.337
120.367	0.338
120.383	0.338
120.400	0.337
120.417	0.344
120.433	0.337
120.450	0.338
120.467	0.337
120.483	0.338
120.500	0.337
120.517	0.337
120.533	0.337
120.550	0.336
120.567	0.331
120.583	0.655
120.600	0.654
120.617	0.656
120.633	0.648
120.650	0.655
120.667	0.648
120.683	0.654
120.700	0.655
120.717	0.654
120.733	0.654
120.750	0.654
120.767	0.655
120.783	0.647
120.800	0.655
120.817	0.655
120.833	0.647
120.850	0.648
120.867	0.648
120.883	0.648
120.900	0.649
120.917	0.648
120.933	0.655
120.950	0.648
120.967	0.648
120.983	0.648
121.000	0.648
121.017	0.648
121.033	0.647
121.050	0.647
121.067	0.648
121.083	0.649
121.100	0.648
121.117	0.646
121.133	0.648
121.150	0.648
121.167	0.648
121.183	0.646
121.200	0.655
121.217	0.639
121.233	0.634
121.250	0.627
121.267	0.625
121.283	0.605
121.300	0.586
121.317	0.578
121.333	0.57
121.350	0.551
121.367	0.55
121.383	0.543
121.400	0.544
121.417	0.551
121.433	0.543
121.450	0.548
121.467	0.548
121.483	0.551
121.500	0.549
121.517	0.542



WELL TEST ANALYSIS

Data Set: F:\...\R_TW-2.aqt
Date: 07/19/21 Time: 15:04:41

PROJECT INFORMATION

Company: Geological Resources, Inc.
Client: Lenoir Store
Project: 2001
Location: Horatio, SC
Test Well: TW-2
Test Date: 5/18/21

AQUIFER DATA

Saturated Thickness: 1.85 ft Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (TW-2)

Initial Displacement: 1.75 ft
Total Well Penetration Depth: 33.26 ft
Casing Radius: 0.085 ft
Static Water Column Height: 32.26 ft
Screen Length: 1. ft
Well Radius: 1. ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.0003644 ft/min y0 = 1.726 ft

AQTESOLV DATA ENTRY FORM
(For wells screened BELOW water table)

Page	Item		Value	Remarks
NA	Static depth to water (SDTW) from TOC	SDTW	5.74	Test well (ft)
	Initial DTW (IDTW) - after remove/introduce slug from TOC	IDTW	7.49	Test well (ft)
	Total well depth (TWD)	TWD	38.00	Test well (ft)
	Top of Casing Elevation (TOC)	TOC	99.81	Test well (ft)
	Highest ground water elevation at site (HGWE)	HGWE	98.37	All site wells (ft)
	Deepest well depth elevation (DWDE)	DWDE	100.22	Deepest well (ft)
5	Project Name		Lenoir Store	
	Project location (city, state)		Horatio, SC	
	Test Well #		TW-2	
	Date slug test conducted		5/18/2021	
6	**H(o)**: Initial displacement (IDTW minus SDTW (ft))	H(o)	1.75	Use 1.75
	H: Static water column height	H	32.26	TWD minus SDTW (ft)
	Well #		TW-2	Test well ID
7	b: Saturated thickness of aquifer	b	-1.85	HGWE - DWDE * If no telescoping well, use H
	KV/KH: Vertical/Horizontal	KV/KH	0.10	Use 0.1
8	D: Casing length	D	32.26	TWD minus SDTW minus screen length (ft)
	L: Well screen length	L		Screen length (ft)
9	R(c): Inside radius of well casing	R(c)	0.085	Use 0.085 for 2" wells; use 0.167 for 4" wells(ft)
	R(w): Well radius	R(w)		1/2 auger outside diameter (ft)
	R(sk): Well skin radius	R(sk)		1/2 auger outside diameter (ft)

Lenoir Store	
Well	TW-2
Test Date	05/18/21
Initial DTW (ft)	6.09

Time (min)	Displacement (ft)
0	0
0.017	1.136
0.033	1.845
0.050	1.7
0.067	1.754
0.083	1.734
0.100	1.727
0.117	1.726
0.133	1.719
0.150	1.718
0.167	1.711
0.183	1.71
0.200	1.71
0.217	1.702
0.233	1.702
0.250	1.701
0.267	1.701
0.283	1.7
0.300	1.693
0.317	1.693
0.333	1.699
0.350	1.679
0.367	1.684
0.383	1.698
0.400	1.683
0.417	1.677
0.433	1.676
0.450	1.676
0.467	1.661
0.483	1.661
0.500	1.653
0.517	1.646
0.533	1.653
0.550	1.652
0.567	1.659
0.583	1.658
0.600	1.672
0.617	1.671
0.633	1.671
0.650	1.663
0.667	1.663
0.683	1.662
0.700	1.662
0.717	1.668
0.733	1.661
0.750	1.668
0.767	1.66
0.783	1.66
0.800	1.652
0.817	1.659
0.833	1.651
0.850	1.651
0.867	1.65
0.883	1.65
0.900	1.649
0.917	1.649
0.933	1.642
0.950	1.613
0.967	1.648
0.983	1.64
1.000	1.64
1.017	1.632
1.033	1.625
1.050	1.631
1.067	1.631
1.083	1.63
1.100	1.637
1.117	1.595
1.133	1.629
1.150	1.629
1.167	1.628
1.183	1.642
1.200	1.648
1.217	1.641
1.233	1.626
1.250	1.626
1.267	1.625
1.283	1.625
1.300	1.624
1.317	1.617
1.333	1.616
1.350	1.616
1.367	1.616
1.383	1.615
1.400	1.615
1.417	1.614
1.433	1.614
1.450	1.613
1.467	1.613
1.483	1.605
1.500	1.605
1.517	1.604
1.533	1.604
1.550	1.603
1.567	1.603
1.583	1.603
1.600	1.602
1.617	1.602
1.633	1.601
1.650	1.601
1.667	1.6
1.683	1.621
1.700	1.599
1.717	1.599
1.733	1.591
1.750	1.598
1.767	1.59
1.783	1.597
1.800	1.597
1.817	1.589
1.833	1.589
1.850	1.588
1.867	1.595
1.883	1.587
1.900	1.594
1.917	1.621
1.933	1.586
1.950	1.585
1.967	1.585
1.983	1.577
2.000	1.577
2.017	1.577
2.033	1.576

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
2.050	1.576	2.767	1.529	3.483	1.495
2.067	1.575	2.783	1.528	3.500	1.495
2.083	1.575	2.800	1.528	3.517	1.487
2.100	1.574	2.817	1.527	3.533	1.494
2.117	1.574	2.833	1.527	3.550	1.493
2.133	1.58	2.850	1.527	3.567	1.507
2.150	1.573	2.867	1.526	3.583	1.485
2.167	1.572	2.883	1.526	3.600	1.499
2.183	1.579	2.900	1.525	3.617	1.484
2.200	1.607	2.917	1.518	3.633	1.484
2.217	1.571	2.933	1.524	3.650	1.49
2.233	1.565	2.950	1.517	3.667	1.483
2.250	1.564	2.967	1.516	3.683	1.483
2.267	1.564	2.983	1.516	3.700	1.496
2.283	1.563	3.000	1.515	3.717	1.503
2.300	1.563	3.017	1.515	3.733	1.495
2.317	1.562	3.033	1.521	3.750	1.481
2.333	1.562	3.050	1.521	3.767	1.473
2.350	1.554	3.067	1.514	3.783	1.473
2.367	1.554	3.083	1.513	3.800	1.472
2.383	1.553	3.100	1.513	3.817	1.479
2.400	1.553	3.117	1.512	3.833	1.485
2.417	1.553	3.133	1.512	3.850	1.478
2.433	1.552	3.150	1.511	3.867	1.484
2.450	1.552	3.167	1.511	3.883	1.47
2.467	1.551	3.183	1.51	3.900	1.477
2.483	1.551	3.200	1.503	3.917	1.469
2.500	1.55	3.217	1.502	3.933	1.476
2.517	1.543	3.233	1.502	3.950	1.468
2.533	1.542	3.250	1.502	3.967	1.461
2.550	1.542	3.267	1.501	3.983	1.46
2.567	1.541	3.283	1.501	4.000	1.46
2.583	1.541	3.300	1.5	4.017	1.459
2.600	1.54	3.317	1.5	4.033	1.459
2.617	1.54	3.333	1.499	4.050	1.458
2.633	1.54	3.350	1.499	4.067	1.458
2.650	1.539	3.367	1.498	4.083	1.457
2.667	1.539	3.383	1.498	4.100	1.457
2.683	1.538	3.400	1.497	4.117	1.457
2.700	1.538	3.417	1.497	4.133	1.456
2.717	1.537	3.433	1.496	4.150	1.463
2.733	1.537	3.450	1.496	4.167	1.483
2.750	1.529	3.467	1.496	4.183	1.455

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
4.200	1.482	4.917	1.414	5.633	1.374
4.217	1.448	4.933	1.414	5.650	1.373
4.233	1.467	4.950	1.407	5.667	1.366
4.250	1.481	4.967	1.406	5.683	1.372
4.267	1.446	4.983	1.42	5.700	1.365
4.283	1.466	5.000	1.405	5.717	1.371
4.300	1.473	5.017	1.405	5.733	1.364
4.317	1.465	5.033	1.411	5.750	1.363
4.333	1.451	5.050	1.411	5.767	1.363
4.350	1.444	5.067	1.41	5.783	1.363
4.367	1.478	5.083	1.417	5.800	1.362
4.383	1.477	5.100	1.402	5.817	1.362
4.400	1.443	5.117	1.402	5.833	1.361
4.417	1.442	5.133	1.401	5.850	1.361
4.433	1.435	5.150	1.401	5.867	1.36
4.450	1.434	5.167	1.401	5.883	1.367
4.467	1.434	5.183	1.393	5.900	1.359
4.483	1.433	5.200	1.393	5.917	1.359
4.500	1.433	5.217	1.392	5.933	1.358
4.517	1.433	5.233	1.392	5.950	1.351
4.533	1.432	5.250	1.391	5.967	1.357
4.550	1.432	5.267	1.391	5.983	1.357
4.567	1.431	5.283	1.39	6.000	1.357
4.583	1.431	5.300	1.39	6.017	1.356
4.600	1.43	5.317	1.389	6.033	1.356
4.617	1.43	5.333	1.389	6.050	1.355
4.633	1.429	5.350	1.388	6.067	1.355
4.650	1.422	5.367	1.388	6.083	1.347
4.667	1.421	5.383	1.381	6.100	1.347
4.683	1.428	5.400	1.38	6.117	1.346
4.700	1.42	5.417	1.38	6.133	1.346
4.717	1.42	5.433	1.379	6.150	1.345
4.733	1.427	5.450	1.386	6.167	1.338
4.750	1.426	5.467	1.385	6.183	1.344
4.767	1.426	5.483	1.378	6.200	1.344
4.783	1.418	5.500	1.391	6.217	1.337
4.800	1.418	5.517	1.384	6.233	1.343
4.817	1.417	5.533	1.376	6.250	1.336
4.833	1.417	5.550	1.376	6.267	1.342
4.850	1.416	5.567	1.376	6.283	1.335
4.867	1.416	5.583	1.375	6.300	1.334
4.883	1.415	5.600	1.375	6.317	1.334
4.900	1.408	5.617	1.374	6.333	1.333

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
6.350	1.333	7.067	1.293	7.783	1.252
6.367	1.332	7.083	1.293	7.800	1.252
6.383	1.326	7.100	1.292	7.817	1.251
6.400	1.325	7.117	1.292	7.833	1.251
6.417	1.325	7.133	1.291	7.850	1.25
6.433	1.325	7.150	1.284	7.867	1.25
6.450	1.324	7.167	1.29	7.883	1.25
6.467	1.324	7.183	1.283	7.900	1.242
6.483	1.323	7.200	1.282	7.917	1.249
6.500	1.323	7.217	1.282	7.933	1.241
6.517	1.322	7.233	1.281	7.950	1.241
6.533	1.322	7.250	1.281	7.967	1.24
6.550	1.321	7.267	1.281	7.983	1.261
6.567	1.321	7.283	1.28	8.000	1.239
6.583	1.32	7.300	1.28	8.017	1.239
6.600	1.32	7.317	1.279	8.033	1.238
6.617	1.313	7.333	1.279	8.050	1.231
6.633	1.312	7.350	1.278	8.067	1.23
6.650	1.312	7.367	1.271	8.083	1.23
6.667	1.311	7.383	1.27	8.100	1.23
6.683	1.311	7.400	1.277	8.117	1.229
6.700	1.31	7.417	1.269	8.133	1.229
6.717	1.31	7.433	1.269	8.150	1.228
6.733	1.309	7.450	1.268	8.167	1.228
6.750	1.309	7.467	1.268	8.183	1.227
6.767	1.308	7.483	1.268	8.200	1.227
6.783	1.308	7.500	1.267	8.217	1.226
6.800	1.307	7.517	1.267	8.233	1.219
6.817	1.307	7.533	1.266	8.250	1.218
6.833	1.307	7.550	1.266	8.267	1.218
6.850	1.306	7.567	1.272	8.283	1.217
6.867	1.306	7.583	1.265	8.300	1.217
6.883	1.305	7.600	1.264	8.317	1.217
6.900	1.305	7.617	1.264	8.333	1.216
6.917	1.297	7.633	1.277	8.350	1.216
6.933	1.304	7.650	1.263	8.367	1.215
6.950	1.296	7.667	1.262	8.383	1.215
6.967	1.296	7.683	1.255	8.400	1.214
6.983	1.295	7.700	1.255	8.417	1.214
7.000	1.295	7.717	1.254	8.433	1.213
7.017	1.294	7.733	1.261	8.450	1.213
7.033	1.294	7.750	1.26	8.467	1.212
7.050	1.294	7.767	1.253	8.483	1.212

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
8.500	1.211	9.217	1.179	9.933	1.159
8.517	1.205	9.233	1.171	9.950	1.151
8.533	1.205	9.250	1.171	9.967	1.165
8.550	1.204	9.267	1.17	9.983	1.136
8.567	1.204	9.283	1.177	10.000	1.143
8.583	1.203	9.300	1.189	10.017	1.143
8.600	1.203	9.317	1.176	10.033	1.163
8.617	1.202	9.333	1.175	10.050	1.135
8.633	1.202	9.350	1.168	10.067	1.168
8.650	1.201	9.367	1.168	10.083	1.168
8.667	1.201	9.383	1.167	10.100	1.154
8.683	1.2	9.400	1.174	10.117	1.161
8.700	1.2	9.417	1.166	10.133	1.146
8.717	1.199	9.433	1.159	10.150	1.132
8.733	1.199	9.450	1.158	10.167	1.131
8.750	1.199	9.467	1.158	10.183	1.145
8.767	1.198	9.483	1.164	10.200	1.131
8.783	1.191	9.500	1.157	10.217	1.158
8.800	1.197	9.517	1.163	10.233	1.144
8.817	1.19	9.533	1.163	10.250	1.136
8.833	1.189	9.550	1.155	10.267	1.129
8.850	1.196	9.567	1.155	10.283	1.135
8.867	1.188	9.583	1.155	10.300	1.128
8.883	1.188	9.600	1.154	10.317	1.12
8.900	1.187	9.617	1.154	10.333	1.12
8.917	1.187	9.633	1.153	10.350	1.119
8.933	1.186	9.650	1.153	10.367	1.119
8.950	1.186	9.667	1.166	10.383	1.111
8.967	1.186	9.683	1.186	10.400	1.111
8.983	1.185	9.700	1.158	10.417	1.118
9.000	1.185	9.717	1.144	10.433	1.131
9.017	1.184	9.733	1.164	10.450	1.117
9.033	1.184	9.750	1.164	10.467	1.13
9.050	1.183	9.767	1.149	10.483	1.13
9.067	1.183	9.783	1.149	10.500	1.122
9.083	1.182	9.800	1.163	10.517	1.115
9.100	1.175	9.817	1.169	10.533	1.114
9.117	1.174	9.833	1.155	10.550	1.114
9.133	1.181	9.850	1.147	10.567	1.106
9.150	1.174	9.867	1.174	10.583	1.106
9.167	1.173	9.883	1.139	10.600	1.105
9.183	1.173	9.900	1.18	10.617	1.098
9.200	1.172	9.917	1.179	10.633	1.105

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
10.650	1.097	11.367	1.057	12.083	1.016
10.667	1.097	11.383	1.057	12.100	1.03
10.683	1.096	11.400	1.056	12.117	1.03
10.700	1.096	11.417	1.049	12.133	1.036
10.717	1.102	11.433	1.055	12.150	1.015
10.733	1.095	11.450	1.055	12.167	1.014
10.750	1.101	11.467	1.048	12.183	1.014
10.767	1.108	11.483	1.054	12.200	1.013
10.783	1.121	11.500	1.054	12.217	1.013
10.800	1.114	11.517	1.053	12.233	1.012
10.817	1.113	11.533	1.046	12.250	1.012
10.833	1.127	11.550	1.045	12.267	1.011
10.850	1.12	11.567	1.045	12.283	1.011
10.867	1.119	11.583	1.044	12.300	1.01
10.883	1.119	11.600	1.044	12.317	1.01
10.900	1.125	11.617	1.043	12.333	1.01
10.917	1.125	11.633	1.043	12.350	1.002
10.933	1.089	11.650	1.042	12.367	1.023
10.950	1.082	11.667	1.042	12.383	1.042
10.967	1.095	11.683	1.042	12.400	1.008
10.983	1.102	11.700	1.048	12.417	1.028
11.000	1.087	11.717	1.041	12.433	1.007
11.017	1.101	11.733	1.04	12.450	1.04
11.033	1.086	11.750	1.04	12.467	1.006
11.050	1.086	11.767	1.039	12.483	0.998
11.067	1.079	11.783	1.039	12.500	0.998
11.083	1.078	11.800	1.038	12.517	0.997
11.100	1.072	11.817	1.031	12.533	0.997
11.117	1.077	11.833	1.051	12.550	0.997
11.133	1.077	11.850	1.03	12.567	1.037
11.150	1.083	11.867	1.036	12.583	0.996
11.167	1.076	11.883	1.029	12.600	0.995
11.183	1.082	11.900	1.029	12.617	0.995
11.200	1.069	11.917	1.028	12.633	0.994
11.217	1.068	11.933	1.028	12.650	0.994
11.233	1.068	11.950	1.027	12.667	0.986
11.250	1.067	11.967	1.027	12.683	0.993
11.267	1.06	11.983	1.026	12.700	0.992
11.283	1.06	12.000	1.033	12.717	1.04
11.300	1.059	12.017	1.039	12.733	1.006
11.317	1.059	12.033	1.032	12.750	0.991
11.333	1.058	12.050	1.058	12.767	0.991
11.350	1.058	12.067	1.031	12.783	1.031

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
12.800	0.99	13.517	0.949	14.233	0.916
12.817	0.989	13.533	0.955	14.250	0.916
12.833	0.989	13.550	0.955	14.267	0.922
12.850	0.988	13.567	0.941	14.283	0.915
12.867	0.995	13.583	0.947	14.300	0.907
12.883	1.028	13.600	0.961	14.317	0.907
12.900	0.994	13.617	0.94	14.333	0.906
12.917	1.007	13.633	0.946	14.350	0.906
12.933	0.986	13.650	0.939	14.367	0.919
12.950	0.993	13.667	0.939	14.383	0.925
12.967	0.978	13.683	0.938	14.400	0.897
12.983	0.978	13.700	0.938	14.417	0.897
13.000	0.97	13.717	0.937	14.433	0.897
13.017	0.97	13.733	0.937	14.450	0.903
13.033	0.969	13.750	0.936	14.467	0.903
13.050	0.969	13.767	0.942	14.483	0.916
13.067	0.968	13.783	0.935	14.500	0.895
13.083	0.968	13.800	0.935	14.517	0.901
13.100	0.967	13.817	0.935	14.533	0.901
13.117	0.981	13.833	0.934	14.550	0.907
13.133	0.966	13.850	0.934	14.567	0.893
13.150	0.966	13.867	0.926	14.583	0.94
13.167	0.966	13.883	0.926	14.600	0.913
13.183	0.965	13.900	0.925	14.617	0.905
13.200	1.027	13.917	0.925	14.633	0.891
13.217	0.971	13.933	0.931	14.650	0.939
13.233	0.985	13.950	0.924	14.667	0.897
13.250	0.97	13.967	0.923	14.683	0.897
13.267	0.984	13.983	0.93	14.700	0.923
13.283	0.99	14.000	0.923	14.717	0.916
13.300	0.99	14.017	0.984	14.733	0.936
13.317	0.975	14.033	0.929	14.750	0.902
13.333	0.989	14.050	0.921	14.767	0.88
13.350	1.015	14.067	0.921	14.783	0.88
13.367	0.953	14.083	0.92	14.800	0.879
13.383	0.967	14.100	0.913	14.817	0.886
13.400	0.959	14.117	0.919	14.833	0.878
13.417	0.98	14.133	0.919	14.850	0.885
13.433	1.007	14.150	0.911	14.867	0.878
13.450	1.013	14.167	0.918	14.883	0.877
13.467	0.978	14.183	0.917	14.900	0.87
13.483	0.957	14.200	0.917	14.917	0.869
13.500	0.977	14.217	0.91	14.933	0.869

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
14.950	0.909	15.667	0.834	16.383	0.802
14.967	0.868	15.683	0.834	16.400	0.814
14.983	0.867	15.700	0.834	16.417	0.807
15.000	0.867	15.717	0.833	16.433	0.806
15.017	0.866	15.733	0.833	16.450	0.827
15.033	0.88	15.750	0.825	16.467	0.799
15.050	0.921	15.767	0.825	16.483	0.799
15.067	0.865	15.783	0.824	16.500	0.818
15.083	0.872	15.800	0.824	16.517	0.798
15.100	0.871	15.817	0.823	16.533	0.798
15.117	0.871	15.833	0.823	16.550	0.803
15.133	0.87	15.850	0.822	16.567	0.824
15.150	0.87	15.867	0.822	16.583	0.823
15.167	0.855	15.883	0.821	16.600	0.809
15.183	0.869	15.900	0.821	16.617	0.808
15.200	0.861	15.917	0.821	16.633	0.795
15.217	0.902	15.933	0.82	16.650	0.8
15.233	0.853	15.950	0.82	16.667	0.794
15.250	0.853	15.967	0.819	16.683	0.793
15.267	0.853	15.983	0.819	16.700	0.786
15.283	0.852	16.000	0.818	16.717	0.785
15.300	0.852	16.017	0.818	16.733	0.785
15.317	0.851	16.033	0.817	16.750	0.785
15.333	0.851	16.050	0.817	16.767	0.811
15.350	0.85	16.067	0.816	16.783	0.825
15.367	0.85	16.083	0.816	16.800	0.824
15.383	0.849	16.100	0.809	16.817	0.817
15.400	0.849	16.117	0.809	16.833	0.823
15.417	0.841	16.133	0.815	16.850	0.775
15.433	0.848	16.150	0.814	16.867	0.815
15.450	0.84	16.167	0.814	16.883	0.774
15.467	0.84	16.183	0.807	16.900	0.821
15.483	0.84	16.200	0.807	16.917	0.814
15.500	0.839	16.217	0.806	16.933	0.813
15.517	0.839	16.233	0.806	16.950	0.813
15.533	0.838	16.250	0.832	16.967	0.806
15.550	0.838	16.267	0.853	16.983	0.785
15.567	0.837	16.283	0.81	17.000	0.812
15.583	0.837	16.300	0.831	17.017	0.77
15.600	0.836	16.317	0.838	17.033	0.777
15.617	0.836	16.333	0.816	17.050	0.783
15.633	0.835	16.350	0.823	17.067	0.803
15.650	0.835	16.367	0.802	17.083	0.788

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
17.100	0.802	17.817	0.727	18.533	0.686
17.117	0.801	17.833	0.727	18.550	0.686
17.133	0.794	17.850	0.726	18.567	0.685
17.150	0.793	17.867	0.726	18.583	0.685
17.167	0.8	17.883	0.725	18.600	0.684
17.183	0.759	17.900	0.725	18.617	0.684
17.200	0.792	17.917	0.724	18.633	0.684
17.217	0.799	17.933	0.724	18.650	0.683
17.233	0.791	17.950	0.716	18.667	0.683
17.250	0.757	17.967	0.716	18.683	0.682
17.267	0.783	17.983	0.715	18.700	0.682
17.283	0.783	18.000	0.715	18.717	0.681
17.300	0.776	18.017	0.715	18.733	0.681
17.317	0.782	18.033	0.714	18.750	0.68
17.333	0.781	18.050	0.714	18.767	0.68
17.350	0.775	18.067	0.713	18.783	0.672
17.367	0.767	18.083	0.713	18.800	0.679
17.383	0.76	18.100	0.712	18.817	0.678
17.400	0.753	18.117	0.712	18.833	0.678
17.417	0.752	18.133	0.711	18.850	0.671
17.433	0.766	18.150	0.711	18.867	0.67
17.450	0.772	18.167	0.71	18.883	0.67
17.467	0.772	18.183	0.71	18.900	0.669
17.483	0.777	18.200	0.709	18.917	0.669
17.500	0.777	18.217	0.709	18.933	0.675
17.517	0.742	18.233	0.702	18.950	0.717
17.533	0.742	18.250	0.701	18.967	0.723
17.550	0.741	18.267	0.701	18.983	0.674
17.567	0.741	18.283	0.7	19.000	0.68
17.583	0.734	18.300	0.7	19.017	0.715
17.600	0.733	18.317	0.699	19.033	0.714
17.617	0.733	18.333	0.699	19.050	0.665
17.633	0.732	18.350	0.698	19.067	0.672
17.650	0.732	18.367	0.698	19.083	0.664
17.667	0.731	18.383	0.697	19.100	0.664
17.683	0.731	18.400	0.704	19.117	0.663
17.700	0.73	18.417	0.696	19.133	0.663
17.717	0.73	18.433	0.696	19.150	0.683
17.733	0.729	18.450	0.696	19.167	0.656
17.750	0.729	18.467	0.695	19.183	0.703
17.767	0.728	18.483	0.695	19.200	0.661
17.783	0.728	18.500	0.687	19.217	0.695
17.800	0.728	18.517	0.687	19.233	0.66

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
19.250	0.694	19.967	0.64	20.683	0.586
19.267	0.694	19.983	0.667	20.700	0.585
19.283	0.694	20.000	0.639	20.717	0.585
19.300	0.686	20.017	0.645	20.733	0.577
19.317	0.7	20.033	0.659	20.750	0.577
19.333	0.651	20.050	0.624	20.767	0.577
19.350	0.651	20.067	0.624	20.783	0.576
19.367	0.65	20.083	0.623	20.800	0.576
19.383	0.65	20.100	0.616	20.817	0.575
19.400	0.649	20.117	0.616	20.833	0.575
19.417	0.649	20.133	0.622	20.850	0.574
19.433	0.648	20.150	0.615	20.867	0.574
19.450	0.641	20.167	0.614	20.883	0.573
19.467	0.64	20.183	0.607	20.900	0.573
19.483	0.64	20.200	0.606	20.917	0.572
19.500	0.64	20.217	0.606	20.933	0.572
19.517	0.639	20.233	0.605	20.950	0.571
19.533	0.639	20.250	0.605	20.967	0.571
19.550	0.638	20.267	0.604	20.983	0.571
19.567	0.638	20.283	0.618	21.000	0.57
19.583	0.637	20.300	0.61	21.017	0.57
19.600	0.637	20.317	0.61	21.033	0.562
19.617	0.636	20.333	0.603	21.050	0.562
19.633	0.691	20.350	0.602	21.067	0.561
19.650	0.642	20.367	0.602	21.083	0.561
19.667	0.642	20.383	0.601	21.100	0.56
19.683	0.641	20.400	0.601	21.117	0.56
19.700	0.634	20.417	0.6	21.133	0.559
19.717	0.634	20.433	0.614	21.150	0.559
19.733	0.653	20.450	0.606	21.167	0.559
19.750	0.66	20.467	0.592	21.183	0.558
19.767	0.639	20.483	0.612	21.200	0.558
19.783	0.632	20.500	0.591	21.217	0.557
19.800	0.624	20.517	0.59	21.233	0.557
19.817	0.631	20.533	0.59	21.250	0.556
19.833	0.643	20.550	0.59	21.267	0.556
19.850	0.65	20.567	0.589	21.283	0.555
19.867	0.677	20.583	0.589	21.300	0.555
19.883	0.642	20.600	0.588	21.317	0.554
19.900	0.622	20.617	0.588	21.333	0.554
19.917	0.621	20.633	0.587	21.350	0.553
19.933	0.621	20.650	0.587	21.367	0.546
19.950	0.64	20.667	0.586	21.383	0.553

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
21.400	0.552	22.117	0.553	22.833	0.485
21.417	0.552	22.133	0.546	22.850	0.485
21.433	0.551	22.150	0.531	22.867	0.485
21.450	0.544	22.167	0.545	22.883	0.484
21.467	0.543	22.183	0.516	22.900	0.477
21.483	0.543	22.200	0.516	22.917	0.483
21.500	0.542	22.217	0.51	22.933	0.483
21.517	0.542	22.233	0.509	22.950	0.482
21.533	0.541	22.250	0.515	22.967	0.475
21.550	0.541	22.267	0.508	22.983	0.474
21.567	0.54	22.283	0.508	23.000	0.481
21.583	0.54	22.300	0.507	23.017	0.473
21.600	0.54	22.317	0.507	23.033	0.473
21.617	0.539	22.333	0.506	23.050	0.472
21.633	0.539	22.350	0.506	23.067	0.472
21.650	0.538	22.367	0.505	23.083	0.472
21.667	0.538	22.383	0.505	23.100	0.471
21.683	0.537	22.400	0.504	23.117	0.464
21.700	0.537	22.417	0.504	23.133	0.463
21.717	0.536	22.433	0.504	23.150	0.47
21.733	0.536	22.450	0.503	23.167	0.462
21.750	0.535	22.467	0.503	23.183	0.469
21.767	0.535	22.483	0.502	23.200	0.461
21.783	0.527	22.500	0.502	23.217	0.461
21.800	0.527	22.517	0.501	23.233	0.46
21.817	0.534	22.533	0.501	23.250	0.46
21.833	0.526	22.550	0.5	23.267	0.459
21.850	0.526	22.567	0.5	23.283	0.459
21.867	0.525	22.583	0.499	23.300	0.459
21.883	0.525	22.600	0.499	23.317	0.458
21.900	0.524	22.617	0.491	23.333	0.458
21.917	0.524	22.633	0.491	23.350	0.457
21.933	0.523	22.650	0.498	23.367	0.457
21.950	0.523	22.667	0.49	23.383	0.456
21.967	0.529	22.683	0.49	23.400	0.449
21.983	0.536	22.700	0.489	23.417	0.455
22.000	0.528	22.717	0.489	23.433	0.455
22.017	0.535	22.733	0.488	23.450	0.447
22.033	0.521	22.750	0.488	23.467	0.447
22.050	0.527	22.767	0.487	23.483	0.454
22.067	0.52	22.783	0.487	23.500	0.446
22.083	0.519	22.800	0.486	23.517	0.453
22.100	0.519	22.817	0.486	23.533	0.479

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
23.550	0.466	24.267	0.418	24.983	0.377
23.567	0.465	24.283	0.424	25.000	0.391
23.583	0.458	24.300	0.431	25.017	0.39
23.600	0.477	24.317	0.423	25.033	0.397
23.617	0.477	24.333	0.416	25.050	0.396
23.633	0.47	24.350	0.409	25.067	0.396
23.650	0.456	24.367	0.422	25.083	0.402
23.667	0.462	24.383	0.422	25.100	0.402
23.683	0.462	24.400	0.407	25.117	0.373
23.700	0.441	24.417	0.414	25.133	0.373
23.717	0.447	24.433	0.413	25.150	0.379
23.733	0.44	24.450	0.413	25.167	0.379
23.750	0.439	24.467	0.405	25.183	0.379
23.767	0.446	24.483	0.412	25.200	0.378
23.783	0.445	24.500	0.411	25.217	0.392
23.800	0.445	24.517	0.418	25.233	0.391
23.817	0.437	24.533	0.41	25.250	0.391
23.833	0.43	24.550	0.41	25.267	0.39
23.850	0.443	24.567	0.41	25.283	0.39
23.867	0.429	24.583	0.416	25.300	0.382
23.883	0.428	24.600	0.402	25.317	0.389
23.900	0.435	24.617	0.401	25.333	0.381
23.917	0.456	24.633	0.401	25.350	0.388
23.933	0.441	24.650	0.393	25.367	0.387
23.950	0.455	24.667	0.4	25.383	0.387
23.967	0.454	24.683	0.399	25.400	0.38
23.983	0.426	24.700	0.399	25.417	0.379
24.000	0.425	24.717	0.412	25.433	0.386
24.017	0.432	24.733	0.391	25.450	0.371
24.033	0.438	24.750	0.398	25.467	0.385
24.050	0.445	24.767	0.397	25.483	0.363
24.067	0.423	24.783	0.404	25.500	0.357
24.083	0.423	24.800	0.389	25.517	0.362
24.100	0.429	24.817	0.396	25.533	0.376
24.117	0.429	24.833	0.402	25.550	0.382
24.133	0.422	24.850	0.395	25.567	0.375
24.150	0.428	24.867	0.401	25.583	0.388
24.167	0.414	24.883	0.394	25.600	0.374
24.183	0.413	24.900	0.393	25.617	0.367
24.200	0.413	24.917	0.393	25.633	0.366
24.217	0.433	24.933	0.392	25.650	0.38
24.233	0.426	24.950	0.392	25.667	0.358
24.250	0.418	24.967	0.399	25.683	0.379

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
25.700	0.357	26.417	0.303	27.133	0.277
25.717	0.371	26.433	0.303	27.150	0.276
25.733	0.356	26.450	0.31	27.167	0.269
25.750	0.37	26.467	0.302	27.183	0.268
25.767	0.376	26.483	0.309	27.200	0.268
25.783	0.342	26.500	0.308	27.217	0.267
25.800	0.361	26.517	0.301	27.233	0.267
25.817	0.354	26.533	0.3	27.250	0.266
25.833	0.341	26.550	0.3	27.267	0.266
25.850	0.34	26.567	0.299	27.283	0.266
25.867	0.353	26.583	0.299	27.300	0.265
25.883	0.352	26.600	0.298	27.317	0.265
25.900	0.346	26.617	0.298	27.333	0.264
25.917	0.358	26.633	0.297	27.350	0.264
25.933	0.351	26.650	0.297	27.367	0.263
25.950	0.337	26.667	0.297	27.383	0.263
25.967	0.344	26.683	0.296	27.400	0.262
25.983	0.336	26.700	0.296	27.417	0.262
26.000	0.336	26.717	0.295	27.433	0.261
26.017	0.349	26.733	0.295	27.450	0.261
26.033	0.348	26.750	0.294	27.467	0.253
26.050	0.328	26.767	0.294	27.483	0.253
26.067	0.347	26.783	0.293	27.500	0.253
26.083	0.334	26.800	0.293	27.517	0.252
26.100	0.346	26.817	0.292	27.533	0.259
26.117	0.34	26.833	0.292	27.550	0.251
26.133	0.325	26.850	0.284	27.567	0.251
26.150	0.325	26.867	0.284	27.583	0.25
26.167	0.338	26.883	0.284	27.600	0.25
26.183	0.324	26.900	0.283	27.617	0.249
26.200	0.33	26.917	0.283	27.633	0.249
26.217	0.323	26.933	0.282	27.650	0.248
26.233	0.323	26.950	0.282	27.667	0.248
26.250	0.322	26.967	0.281	27.683	0.247
26.267	0.329	26.983	0.281	27.700	0.247
26.283	0.321	27.000	0.28	27.717	0.247
26.300	0.321	27.017	0.28	27.733	0.246
26.317	0.327	27.033	0.279	27.750	0.246
26.333	0.34	27.050	0.279	27.767	0.245
26.350	0.339	27.067	0.279	27.783	0.245
26.367	0.312	27.083	0.278	27.800	0.244
26.383	0.311	27.100	0.278	27.817	0.244
26.400	0.311	27.117	0.277	27.833	0.243

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
27.850	0.236	28.567	0.21	29.283	0.176
27.867	0.242	28.583	0.203	29.300	0.176
27.883	0.235	28.600	0.209	29.317	0.175
27.900	0.234	28.617	0.202	29.333	0.175
27.917	0.234	28.633	0.201	29.350	0.174
27.933	0.234	28.650	0.201	29.367	0.174
27.950	0.233	28.667	0.2	29.383	0.167
27.967	0.233	28.683	0.2	29.400	0.166
27.983	0.232	28.700	0.199	29.417	0.166
28.000	0.232	28.717	0.199	29.433	0.165
28.017	0.231	28.733	0.198	29.450	0.165
28.033	0.231	28.750	0.198	29.467	0.164
28.050	0.23	28.767	0.198	29.483	0.171
28.067	0.23	28.783	0.197	29.500	0.163
28.083	0.229	28.800	0.197	29.517	0.163
28.100	0.229	28.817	0.196	29.533	0.169
28.117	0.228	28.833	0.196	29.550	0.169
28.133	0.228	28.850	0.195	29.567	0.168
28.150	0.222	28.867	0.195	29.583	0.161
28.167	0.227	28.883	0.194	29.600	0.161
28.183	0.227	28.900	0.194	29.617	0.16
28.200	0.226	28.917	0.193	29.633	0.16
28.217	0.22	28.933	0.193	29.650	0.159
28.233	0.219	28.950	0.192	29.667	0.159
28.250	0.219	28.967	0.185	29.683	0.158
28.267	0.218	28.983	0.185	29.700	0.158
28.283	0.218	29.000	0.191	29.717	0.157
28.300	0.217	29.017	0.191	29.733	0.157
28.317	0.217	29.033	0.183	29.750	0.156
28.333	0.217	29.050	0.183	29.767	0.156
28.350	0.216	29.067	0.182	29.783	0.155
28.367	0.216	29.083	0.182	29.800	0.155
28.383	0.215	29.100	0.181	29.817	0.148
28.400	0.215	29.117	0.181	29.833	0.154
28.417	0.214	29.133	0.18	29.850	0.154
28.433	0.214	29.150	0.18	29.867	0.146
28.450	0.213	29.167	0.179	29.883	0.153
28.467	0.213	29.183	0.179	29.900	0.145
28.483	0.212	29.200	0.179	29.917	0.145
28.500	0.205	29.217	0.178	29.933	0.144
28.517	0.211	29.233	0.178	29.950	0.144
28.533	0.204	29.250	0.177	29.967	0.143
28.550	0.204	29.267	0.177	29.983	0.143

Time (min)	Displacement (ft)	Time (min)	Displacement (ft)	Time (min)	Displacement (ft)
30.000	0.142	30.717	0.116	31.433	0.075
30.017	0.17	30.733	0.115	31.450	0.074
30.033	0.142	30.750	0.115	31.467	0.074
30.050	0.141	30.767	0.107	31.483	0.073
30.067	0.141	30.783	0.107	31.500	0.073
30.083	0.14	30.800	0.106	31.517	0.073
30.100	0.14	30.817	0.106	31.533	0.072
30.117	0.139	30.833	0.105	31.550	0.072
30.133	0.146	30.850	0.105	31.567	0.065
30.150	0.159	30.867	0.105	31.583	0.071
30.167	0.152	30.883	0.097	31.600	0.07
30.183	0.171	30.900	0.097	31.617	0.064
30.200	0.151	30.917	0.096	31.633	0.063
30.217	0.164	30.933	0.096	31.650	0.063
30.233	0.164	30.950	0.095	31.667	0.062
30.250	0.17	30.967	0.095	31.683	0.062
30.267	0.156	30.983	0.094	31.700	0.061
30.283	0.128	31.000	0.094	31.717	0.061
30.300	0.127	31.017	0.093	31.733	0.061
30.317	0.148	31.033	0.093	31.750	0.06
30.333	0.126	31.050	0.092	31.767	0.06
30.350	0.126	31.067	0.092	31.783	0.059
30.367	0.132	31.083	0.092	31.800	0.059
30.383	0.132	31.100	0.091	31.817	0.058
30.400	0.124	31.117	0.091	31.833	0.058
30.417	0.131	31.133	0.09	31.850	0.057
30.433	0.123	31.150	0.09	31.867	0.057
30.450	0.13	31.167	0.089	31.883	0.056
30.467	0.151	31.183	0.089	31.900	0.056
30.483	0.136	31.200	0.088	31.917	0.056
30.500	0.129	31.217	0.088	31.933	0.055
30.517	0.128	31.233	0.08	31.950	0.055
30.533	0.121	31.250	0.08	31.967	0.054
30.550	0.12	31.267	0.079	31.983	0.047
30.567	0.134	31.283	0.079	32.000	0.046
30.583	0.126	31.300	0.079	32.017	0.046
30.600	0.126	31.317	0.078	32.033	0.045
30.617	0.132	31.333	0.078	32.050	0.045
30.633	0.125	31.350	0.077	32.067	0.044
30.650	0.132	31.367	0.077	32.083	0.044
30.667	0.117	31.383	0.076	32.100	0.043
30.683	0.117	31.400	0.076	32.117	0.043
30.700	0.116	31.417	0.075	32.133	0.043

Time (min)	Displacement (ft)
32.150	0.042
32.167	0.042
32.183	0.041
32.200	0.041
32.217	0.04
32.233	0.04
32.250	0.039
32.267	0.039
32.283	0.038
32.300	0.038
32.317	0.037
32.333	0.037
32.350	0.037
32.367	0.036
32.383	0.036
32.400	0.028
32.417	0.035
32.433	0.027
32.450	0.027
32.467	0.026
32.483	0.033
32.500	0.025
32.517	0.032
32.533	0.024
32.550	0.024
32.567	0.024
32.583	0.023
32.600	0.023
32.617	0.022
32.633	0.022
32.650	0.021
32.667	0.021
32.683	0.02
32.700	0.034
32.717	0.039
32.733	0.026
32.750	0.018
32.767	0.025
32.783	0.038
32.800	0.037
32.817	0.031
32.833	0.036
32.850	0.03
32.867	0.035
32.883	0.029
32.900	0.034
32.917	0.041
32.933	0.027
32.950	0.04
32.967	0.039
32.983	0.032
33.000	0.039
33.017	0.038
33.033	0.025
33.050	0.03
33.067	0.03
33.083	0.036
33.100	0.036
33.117	0.022
33.133	0.022
33.150	0.021
33.167	0.021
33.183	0.007

APPENDIX H

Laboratory Analytical Report - Ground Water Samples

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

GRI (Geological Resources Inc.)

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

08825/2001

SGS Job Number: FA85745

Sampling Dates: 05/17/21 - 05/19/21

Report to:

GRI
3502 Hayes Rd
Monroe, NC 28110
wsb@geologicalresourcesinc.com; carriekennedy@geologicalresourcesinc.com; jjr@geologicalresourcesinc.com; nml@geologicalresourcesinc.com
ATTN: Scott Ball

Total number of pages in report: 141

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AL, AK, AR, CT, IA, KY, MA, MI, MS, ND, NH, NV, OK, OR, UT, VT, WA, WV

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Sample Summary

GRI (Geological Resources Inc.)

Job No: FA85745

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA85745-1	05/18/21	12:47	KPDJ	05/20/21	AQ	Ground Water	08825 MW-1
FA85745-2	05/18/21	17:06	KPDJ	05/20/21	AQ	Ground Water	08825 MW-2
FA85745-3	05/18/21	16:14	KPDJ	05/20/21	AQ	Ground Water	08825 MW-3
FA85745-4	05/18/21	16:26	KPDJ	05/20/21	AQ	Ground Water	08825 MW-4
FA85745-5	05/18/21	13:20	KPDJ	05/20/21	AQ	Ground Water	08825 MW-5
FA85745-6	05/18/21	13:31	KPDJ	05/20/21	AQ	Ground Water	08825 MW-6
FA85745-7	05/18/21	13:50	KPDJ	05/20/21	AQ	Ground Water	08825 MW-9
FA85745-8	05/18/21	13:59	KPDJ	05/20/21	AQ	Ground Water	08825 MW-10
FA85745-9	05/18/21	14:20	KPDJ	05/20/21	AQ	Ground Water	08825 MW-11
FA85745-10	05/18/21	14:09	KPDJ	05/20/21	AQ	Ground Water	08825 MW-12
FA85745-11	05/18/21	14:32	KPDJ	05/20/21	AQ	Ground Water	08825 MW-13
FA85745-12	05/18/21	14:43	KPDJ	05/20/21	AQ	Ground Water	08825 MW-14

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA85745

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA85745-13	05/18/21	15:54	KPDJ	05/20/21	AQ	Ground Water	08825 MW-15
FA85745-14	05/18/21	13:09	KPDJ	05/20/21	AQ	Ground Water	08825 MW-17
FA85745-15	05/18/21	12:58	KPDJ	05/20/21	AQ	Ground Water	08825 MW-18
FA85745-16	05/18/21	15:45	KPDJ	05/20/21	AQ	Ground Water	08825 MW-19
FA85745-17	05/18/21	17:15	KPDJ	05/20/21	AQ	Ground Water	08825 MW-20
FA85745-18	05/18/21	16:05	KPDJ	05/20/21	AQ	Ground Water	08825 MW-23
FA85745-19	05/18/21	12:38	KPDJ	05/20/21	AQ	Ground Water	08825 MW-24
FA85745-20	05/18/21	16:37	KPDJ	05/20/21	AQ	Ground Water	08825 MW-27
FA85745-21	05/18/21	13:41	KPDJ	05/20/21	AQ	Ground Water	08825 MW-28
FA85745-22	05/19/21	09:59	KPDJ	05/20/21	AQ	Ground Water	08825 MW-29
FA85745-23	05/19/21	10:14	KPDJ	05/20/21	AQ	Ground Water	08825 MW-30
FA85745-24	05/19/21	10:28	KPDJ	05/20/21	AQ	Ground Water	08825 MW-31
FA85745-25	05/19/21	10:44	KPDJ	05/20/21	AQ	Ground Water	08825 MW-33

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA85745

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA85745-26	05/19/21	09:46	KPDJ	05/20/21	AQ	Ground Water	08825 MW-36I
FA85745-27	05/19/21	09:10	KPDJ	05/20/21	AQ	Ground Water	08825 MW-37I
FA85745-28	05/19/21	08:25	KPDJ	05/20/21	AQ	Ground Water	08825 MW-38I
FA85745-29	05/19/21	09:12	KPDJ	05/20/21	AQ	Ground Water	08825 MW-39I
FA85745-30	05/19/21	08:55	KPDJ	05/20/21	AQ	Ground Water	08825 TW-1
FA85745-31	05/19/21	09:31	KPDJ	05/20/21	AQ	Ground Water	08825 TW-2
FA85745-32	05/19/21	08:02	KPDJ	05/20/21	AQ	Ground Water	08825 TW-3
FA85745-33	05/18/21	16:46	KPDJ	05/20/21	AQ	Ground Water	08825 RW-1
FA85745-34	05/18/21	16:55	KPDJ	05/20/21	AQ	Ground Water	08825 RW-2
FA85745-35	05/18/21	12:00	KPDJ	05/20/21	AQ	Ground Water	08825 DUP-A
FA85745-36	05/18/21	12:01	KPDJ	05/20/21	AQ	Ground Water	08825 DUP-B
FA85745-37	05/18/21	13:00	KPDJ	05/20/21	AQ	Field Blank Water	08825 FB-1
FA85745-38	05/19/21	13:01	KPDJ	05/20/21	AQ	Field Blank Water	08825 FB-2

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA85745

Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Project No: 08825/2001

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA85745-39	05/18/21	06:30	KPDJ	05/20/21	AQ	Trip Blank Water	08825 TB
FA85745-40	05/19/21	11:07	KPDJ	05/20/21	DW	Drinking Water	08825 WSW-2
FA85745-41	05/19/21	11:37	KPDJ	05/20/21	DW	Drinking Water	08825 WSW-7
FA85745-42	05/19/21	10:00	KPDJ	05/20/21	DW	Drinking Water	08825 DUP-C
FA85745-43	05/19/21	11:00	KPDJ	05/20/21	DW	Drinking Water FB	08825 WSW-FB
FA85745-44	05/19/21	07:00	KPDJ	05/20/21	DW	Drinking Water TB	08825 WSW-TB
FA85745-45	05/17/21	10:25	KPDJ	05/20/21	SO	Soil	08825 MW-36I (15-20')
FA85745-46	05/17/21	11:25	KPDJ	05/20/21	SO	Soil	08825 MW-37I (15-20')
FA85745-47	05/17/21	12:20	KPDJ	05/20/21	SO	Soil	08825 MW-38I (15-20')
FA85745-48	05/17/21	13:30	KPDJ	05/20/21	SO	Soil	08825 MW-39I (15-20')

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

2

Job Number: FA85745
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 05/17/21 thru 05/19/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA85745-1	08825 MW-1					
Benzene		89.2	50	16	ug/l	SW846 8260D
Toluene		769	50	15	ug/l	SW846 8260D
Ethylbenzene		1240	50	18	ug/l	SW846 8260D
Xylene (total)		6470	150	36	ug/l	SW846 8260D
Naphthalene		731	250	50	ug/l	SW846 8260D
FA85745-2	08825 MW-2					
No hits reported in this sample.						
FA85745-3	08825 MW-3					
No hits reported in this sample.						
FA85745-4	08825 MW-4					
No hits reported in this sample.						
FA85745-5	08825 MW-5					
No hits reported in this sample.						
FA85745-6	08825 MW-6					
No hits reported in this sample.						
FA85745-7	08825 MW-9					
No hits reported in this sample.						
FA85745-8	08825 MW-10					
No hits reported in this sample.						
FA85745-9	08825 MW-11					
Benzene		1.7	1.0	0.31	ug/l	SW846 8260D
Toluene		0.41 J	1.0	0.30	ug/l	SW846 8260D
Ethylbenzene		4.2	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		3.2	3.0	0.72	ug/l	SW846 8260D
Naphthalene		3.9 J	5.0	1.0	ug/l	SW846 8260D
Di-Isopropyl Ether		0.57 J	1.0	0.24	ug/l	SW846 8260D
Tert-Amyl Alcohol		24.8	20	5.3	ug/l	SW846 8260D

Summary of Hits

Job Number: FA85745
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 05/17/21 thru 05/19/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA85745-10	08825 MW-12					
No hits reported in this sample.						
FA85745-11	08825 MW-13					
No hits reported in this sample.						
FA85745-12	08825 MW-14					
No hits reported in this sample.						
FA85745-13	08825 MW-15					
Benzene		33.8	2.0	0.62	ug/l	SW846 8260D
Toluene		2.4	2.0	0.60	ug/l	SW846 8260D
Ethylbenzene		342	5.0	1.8	ug/l	SW846 8260D
Xylene (total)		334	6.0	1.4	ug/l	SW846 8260D
Naphthalene		130	10	2.0	ug/l	SW846 8260D
Di-Isopropyl Ether		0.50 J	2.0	0.48	ug/l	SW846 8260D
Tert-Amyl Alcohol		31.4 J	40	11	ug/l	SW846 8260D
FA85745-14	08825 MW-17					
No hits reported in this sample.						
FA85745-15	08825 MW-18					
No hits reported in this sample.						
FA85745-16	08825 MW-19					
Toluene		0.40 J	1.0	0.30	ug/l	SW846 8260D
Ethylbenzene		3.5	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		1.8 J	3.0	0.72	ug/l	SW846 8260D
Naphthalene		2.8 J	5.0	1.0	ug/l	SW846 8260D
FA85745-17	08825 MW-20					
Benzene		87.1	25	7.8	ug/l	SW846 8260D
Toluene		567	25	7.5	ug/l	SW846 8260D
Ethylbenzene		939	25	8.9	ug/l	SW846 8260D
Xylene (total)		6590	75	18	ug/l	SW846 8260D
Naphthalene		222	130	25	ug/l	SW846 8260D

Summary of Hits

Job Number: FA85745
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 05/17/21 thru 05/19/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA85745-18	08825 MW-23					
Xylene (total)		1.0 J	3.0	0.72	ug/l	SW846 8260D
FA85745-19	08825 MW-24					
Benzene		1080	50	16	ug/l	SW846 8260D
Toluene		3750	50	15	ug/l	SW846 8260D
Ethylbenzene		470	50	18	ug/l	SW846 8260D
Xylene (total)		7240	150	36	ug/l	SW846 8260D
Naphthalene		160 J	250	50	ug/l	SW846 8260D
Di-Isopropyl Ether		21.3 J	50	12	ug/l	SW846 8260D
Tert-Amyl Alcohol		631 J	1000	260	ug/l	SW846 8260D
FA85745-20	08825 MW-27					
Benzene [a]		0.75 J	1.0	0.31	ug/l	SW846 8260D
FA85745-21	08825 MW-28					
No hits reported in this sample.						
FA85745-22	08825 MW-29					
No hits reported in this sample.						
FA85745-23	08825 MW-30					
No hits reported in this sample.						
FA85745-24	08825 MW-31					
No hits reported in this sample.						
FA85745-25	08825 MW-33					
No hits reported in this sample.						
FA85745-26	08825 MW-36I					
Benzene [b]		13.9	1.0	0.31	ug/l	SW846 8260D
Toluene [b]		8.5	1.0	0.30	ug/l	SW846 8260D
Ethylbenzene [b]		29.3	1.0	0.36	ug/l	SW846 8260D
Xylene (total) [b]		117	3.0	0.72	ug/l	SW846 8260D

Summary of Hits

Job Number: FA85745
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 05/17/21 thru 05/19/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Naphthalene [b]		4.5 J	5.0	1.0	ug/l	SW846 8260D
Tert-Amyl Alcohol [b]		7.3 J	20	5.3	ug/l	SW846 8260D
FA85745-27	08825 MW-37I					
Benzene		0.67 J	1.0	0.31	ug/l	SW846 8260D
Toluene		4.4	1.0	0.30	ug/l	SW846 8260D
Ethylbenzene		3.6	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		24.0	3.0	0.72	ug/l	SW846 8260D
FA85745-28	08825 MW-38I					
Benzene		67.4	1.0	0.31	ug/l	SW846 8260D
Toluene		4.3	1.0	0.30	ug/l	SW846 8260D
Ethylbenzene		33.8	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		97.0	3.0	0.72	ug/l	SW846 8260D
Naphthalene		15.2	5.0	1.0	ug/l	SW846 8260D
Di-Isopropyl Ether		6.0	1.0	0.24	ug/l	SW846 8260D
FA85745-29	08825 MW-39I					
No hits reported in this sample.						
FA85745-30	08825 TW-1					
No hits reported in this sample.						
FA85745-31	08825 TW-2					
No hits reported in this sample.						
FA85745-32	08825 TW-3					
No hits reported in this sample.						
FA85745-33	08825 RW-1					
Benzene		8.6	5.0	1.6	ug/l	SW846 8260D
Toluene		52.7	5.0	1.5	ug/l	SW846 8260D
Ethylbenzene		152	5.0	1.8	ug/l	SW846 8260D
Xylene (total)		842	15	3.6	ug/l	SW846 8260D
Naphthalene		71.0	25	5.0	ug/l	SW846 8260D

Summary of Hits

Job Number: FA85745
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 05/17/21 thru 05/19/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA85745-34	08825 RW-2					
Benzene		128	50	16	ug/l	SW846 8260D
Toluene		1080	50	15	ug/l	SW846 8260D
Ethylbenzene		1300	50	18	ug/l	SW846 8260D
Xylene (total)		9540	150	36	ug/l	SW846 8260D
Naphthalene		705	250	50	ug/l	SW846 8260D
FA85745-35	08825 DUP-A					
Benzene		98.2	50	16	ug/l	SW846 8260D
Toluene		851	50	15	ug/l	SW846 8260D
Ethylbenzene		1360	50	18	ug/l	SW846 8260D
Xylene (total)		6980	150	36	ug/l	SW846 8260D
Naphthalene		679	250	50	ug/l	SW846 8260D
FA85745-36	08825 DUP-B					
Benzene		1430	100	31	ug/l	SW846 8260D
Toluene		4270	100	30	ug/l	SW846 8260D
Ethylbenzene		598	100	36	ug/l	SW846 8260D
Xylene (total)		8270	300	72	ug/l	SW846 8260D
Naphthalene		245 J	500	100	ug/l	SW846 8260D
Di-Isopropyl Ether		28.2 J	100	24	ug/l	SW846 8260D
Tert-Amyl Alcohol		735 J	2000	530	ug/l	SW846 8260D
FA85745-37	08825 FB-1					
No hits reported in this sample.						
FA85745-38	08825 FB-2					
No hits reported in this sample.						
FA85745-39	08825 TB					
No hits reported in this sample.						
FA85745-45	08825 MW-361 (15-20')					
3 Inch Sieve [c]		100			%	ASTM D422-63
1.5 Inch Sieve [c]		100			%	ASTM D422-63
0.75 Inch Sieve [c]		100			%	ASTM D422-63
0.375 Inch Sieve [c]		100			%	ASTM D422-63
No.4 Sieve (4.75 mm) [c]		98.1			%	ASTM D422-63

2

Summary of Hits

Job Number: FA85745
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 05/17/21 thru 05/19/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
No.8 Sieve (2.36 mm) [c]		86.4			%	ASTM D422-63
No.10 Sieve (2.00 mm) [c]		83.1			%	ASTM D422-63
No.16 Sieve (1.18 mm) [c]		75.9			%	ASTM D422-63
No.30 Sieve (0.60 mm) [c]		63.4			%	ASTM D422-63
No.50 Sieve (0.30 mm) [c]		41.1			%	ASTM D422-63
No.100 Sieve (0.15 mm) [c]		25.3			%	ASTM D422-63
No.200 Sieve (0.075 mm) [c]		22.3			%	ASTM D422-63
0.030 mm (Hydrometer) [c]		19			%	ASTM D422-63
0.005 mm (Hydrometer) [c]		16			%	ASTM D422-63
0.0015 mm (Hydrometer) [c]		15			%	ASTM D422-63
% Gravel [c]		2.0			%	ASTM D422-63
% Sand [c]		75.8			%	ASTM D422-63
% Silt, Clay, Colloids [c]		22.3			%	ASTM D422-63
FA85745-46	08825 MW-37I (15-20')					
3 Inch Sieve [c]		100			%	ASTM D422-63
1.5 Inch Sieve [c]		100			%	ASTM D422-63
0.75 Inch Sieve [c]		100			%	ASTM D422-63
0.375 Inch Sieve [c]		100			%	ASTM D422-63
No.4 Sieve (4.75 mm) [c]		95.6			%	ASTM D422-63
No.8 Sieve (2.36 mm) [c]		82.5			%	ASTM D422-63
No.10 Sieve (2.00 mm) [c]		79.6			%	ASTM D422-63
No.16 Sieve (1.18 mm) [c]		75.2			%	ASTM D422-63
No.30 Sieve (0.60 mm) [c]		63.2			%	ASTM D422-63
No.50 Sieve (0.30 mm) [c]		38.6			%	ASTM D422-63
No.100 Sieve (0.15 mm) [c]		26.1			%	ASTM D422-63
No.200 Sieve (0.075 mm) [c]		23.4			%	ASTM D422-63
0.030 mm (Hydrometer) [c]		18			%	ASTM D422-63
0.005 mm (Hydrometer) [c]		15			%	ASTM D422-63
0.0015 mm (Hydrometer) [c]		12			%	ASTM D422-63
% Gravel [c]		4.4			%	ASTM D422-63
% Sand [c]		72.2			%	ASTM D422-63
% Silt, Clay, Colloids [c]		22.4			%	ASTM D422-63
FA85745-47	08825 MW-38I (15-20')					
3 Inch Sieve [c]		100			%	ASTM D422-63
1.5 Inch Sieve [c]		100			%	ASTM D422-63
0.75 Inch Sieve [c]		100			%	ASTM D422-63
0.375 Inch Sieve [c]		90.3			%	ASTM D422-63
No.4 Sieve (4.75 mm) [c]		83.3			%	ASTM D422-63
No.8 Sieve (2.36 mm) [c]		72.3			%	ASTM D422-63
No.10 Sieve (2.00 mm) [c]		69.4			%	ASTM D422-63
No.16 Sieve (1.18 mm) [c]		60.7			%	ASTM D422-63

Summary of Hits

Job Number: FA85745
Account: GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC
Collected: 05/17/21 thru 05/19/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
No.30 Sieve (0.60 mm) [c]		50.4			%	ASTM D422-63
No.50 Sieve (0.30 mm) [c]		35.9			%	ASTM D422-63
No.100 Sieve (0.15 mm) [c]		22.8			%	ASTM D422-63
No.200 Sieve (0.075 mm) [c]		19.7			%	ASTM D422-63
0.030 mm (Hydrometer) [c]		16			%	ASTM D422-63
0.005 mm (Hydrometer) [c]		13			%	ASTM D422-63
0.0015 mm (Hydrometer) [c]		10			%	ASTM D422-63
% Gravel [c]		16.7			%	ASTM D422-63
% Sand [c]		63.7			%	ASTM D422-63
% Silt, Clay, Colloids [c]		19.7			%	ASTM D422-63
FA85745-48	08825 MW-391 (15-20')					
3 Inch Sieve [c]		100			%	ASTM D422-63
1.5 Inch Sieve [c]		100			%	ASTM D422-63
0.75 Inch Sieve [c]		100			%	ASTM D422-63
0.375 Inch Sieve [c]		98.7			%	ASTM D422-63
No.4 Sieve (4.75 mm) [c]		85.1			%	ASTM D422-63
No.8 Sieve (2.36 mm) [c]		73.2			%	ASTM D422-63
No.10 Sieve (2.00 mm) [c]		70.6			%	ASTM D422-63
No.16 Sieve (1.18 mm) [c]		61.3			%	ASTM D422-63
No.30 Sieve (0.60 mm) [c]		48.3			%	ASTM D422-63
No.50 Sieve (0.30 mm) [c]		38.2			%	ASTM D422-63
No.100 Sieve (0.15 mm) [c]		24.9			%	ASTM D422-63
No.200 Sieve (0.075 mm) [c]		21.6			%	ASTM D422-63
0.030 mm (Hydrometer) [c]		17			%	ASTM D422-63
0.005 mm (Hydrometer) [c]		14			%	ASTM D422-63
0.0015 mm (Hydrometer) [c]		13			%	ASTM D422-63
% Gravel [c]		13.9			%	ASTM D422-63
% Sand [c]		64.4			%	ASTM D422-63
% Silt, Clay, Colloids [c]		21.6			%	ASTM D422-63

(a) Sample re-analyzed beyond hold time; reported results are considered minimum values.
(b) Sample analyzed beyond hold time; reported results are considered minimum values.
(c) Analysis performed at SGS Dayton, NJ.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	08825 MW-1		
Lab Sample ID:	FA85745-1	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148925.D	50	05/28/21 14:03	SO	n/a	n/a	VC5999
Run #2 [a]	C0149001.D	25	05/30/21 18:24	SO	n/a	n/a	VC6001

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	89.2	50	16	ug/l	
108-88-3	Toluene	769	50	15	ug/l	
100-41-4	Ethylbenzene	1240	50	18	ug/l	
1330-20-7	Xylene (total)	6470	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	11	ug/l	
91-20-3	Naphthalene	731	250	50	ug/l	
107-06-2	1,2-Dichloroethane	ND	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	99%	79-125%
2037-26-5	Toluene-D8	97%	96%	85-112%
460-00-4	4-Bromofluorobenzene	102%	101%	83-118%

(a) Confirmation run.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-2		
Lab Sample ID:	FA85745-2	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148926.D	1	05/28/21 14:29	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 MW-3		
Lab Sample ID:	FA85745-3	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148927.D	1	05/28/21 14:56	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-4		
Lab Sample ID:	FA85745-4	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148928.D	1	05/28/21 15:22	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-5		
Lab Sample ID:	FA85745-5	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148929.D	1	05/28/21 15:48	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-6		
Lab Sample ID:	FA85745-6	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148930.D	1	05/28/21 16:15	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-9		
Lab Sample ID:	FA85745-7	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148931.D	1	05/28/21 16:41	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-10		
Lab Sample ID:	FA85745-8	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148932.D	1	05/28/21 17:08	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-11		
Lab Sample ID:	FA85745-9	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148933.D	1	05/28/21 17:35	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.7	1.0	0.31	ug/l	
108-88-3	Toluene	0.41	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	4.2	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	3.2	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	3.9	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.57	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	24.8	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-12		
Lab Sample ID:	FA85745-10	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148934.D	1	05/28/21 18:01	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-13		
Lab Sample ID:	FA85745-11	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148935.D	1	05/28/21 18:27	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-14		
Lab Sample ID:	FA85745-12	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148936.D	1	05/28/21 18:54	SO	n/a	n/a	VC5999
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-15		
Lab Sample ID:	FA85745-13	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68520.D	2	05/29/21 00:44	CV	n/a	n/a	VI2197
Run #2	1A35685.D	5	06/01/21 16:40	SO	n/a	n/a	V1A1497

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	33.8	2.0	0.62	ug/l	
108-88-3	Toluene	2.4	2.0	0.60	ug/l	
100-41-4	Ethylbenzene	342 [a]	5.0	1.8	ug/l	
1330-20-7	Xylene (total)	334	6.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.46	ug/l	
91-20-3	Naphthalene	130	10	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	0.62	ug/l	
108-20-3	Di-Isopropyl Ether	0.50	2.0	0.48	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	100	20	ug/l	
64-17-5	Ethyl Alcohol	ND	400	160	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	4.0	0.47	ug/l	
75-85-4	Tert-Amyl Alcohol	31.4	40	11	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	4.0	0.49	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	40	11	ug/l	
762-75-4	Tert-Butyl Formate	ND	40	10	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	104%	79-125%
2037-26-5	Toluene-D8	101%	102%	85-112%
460-00-4	4-Bromofluorobenzene	101%	93%	83-118%

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-17		
Lab Sample ID:	FA85745-14	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68521.D	1	05/29/21 01:08	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-18		
Lab Sample ID:	FA85745-15	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68522.D	1	05/29/21 01:32	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-19		
Lab Sample ID:	FA85745-16	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68523.D	1	05/29/21 01:56	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	0.40	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	3.5	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	1.8	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	2.8	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-20		
Lab Sample ID:	FA85745-17	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A35686.D	25	06/01/21 17:06	SO	n/a	n/a	V1A1497
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	87.1	25	7.8	ug/l	
108-88-3	Toluene	567	25	7.5	ug/l	
100-41-4	Ethylbenzene	939	25	8.9	ug/l	
1330-20-7	Xylene (total)	6590	75	18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	5.7	ug/l	
91-20-3	Naphthalene	222	130	25	ug/l	
107-06-2	1,2-Dichloroethane	ND	25	7.8	ug/l	
108-20-3	Di-Isopropyl Ether	ND	25	6.0	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol [a]	ND	1300	250	ug/l	
64-17-5	Ethyl Alcohol	ND	5000	2000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	50	5.9	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	500	130	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	50	6.1	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	500	130	ug/l	
762-75-4	Tert-Butyl Formate	ND	500	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-23		
Lab Sample ID:	FA85745-18	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68525.D	1	05/29/21 02:44	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	1.0	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-24		
Lab Sample ID:	FA85745-19	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A35687.D	50	06/01/21 17:32	SO	n/a	n/a	V1A1497
Run #2 [a]	I68526.D	200	05/29/21 03:08	CV	n/a	n/a	VI2197

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1080	50	16	ug/l	
108-88-3	Toluene	3750	50	15	ug/l	
100-41-4	Ethylbenzene	470	50	18	ug/l	
1330-20-7	Xylene (total)	7240	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	11	ug/l	
91-20-3	Naphthalene	160	250	50	ug/l	J
107-06-2	1,2-Dichloroethane	ND	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	21.3	50	12	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol [b]	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	631	1000	260	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	103%	79-125%
2037-26-5	Toluene-D8	104%	98%	85-112%
460-00-4	4-Bromofluorobenzene	93%	98%	83-118%

(a) Confirmation run.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-27		
Lab Sample ID:	FA85745-20	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I68658.D	1	06/03/21 13:38	CV	n/a	n/a	VI2202
Run #2	I68527.D	10	05/29/21 03:31	CV	n/a	n/a	VI2197

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.75	1.0	0.31	ug/l	J
108-88-3	Toluene	ND [b]	10	3.0	ug/l	
100-41-4	Ethylbenzene	ND [b]	10	3.6	ug/l	
1330-20-7	Xylene (total)	ND [b]	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND [b]	10	2.3	ug/l	
91-20-3	Naphthalene	ND [b]	50	10	ug/l	
107-06-2	1,2-Dichloroethane	ND [b]	10	3.1	ug/l	
108-20-3	Di-Isopropyl Ether	ND [b]	10	2.4	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND [b]	500	100	ug/l	
64-17-5	Ethyl Alcohol	ND [b]	2000	820	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND [b]	20	2.4	ug/l	
75-85-4	Tert-Amyl Alcohol	ND [b]	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND [b]	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	ND [b]	200	53	ug/l	
762-75-4	Tert-Butyl Formate	ND [b]	200	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	103%	79-125%
2037-26-5	Toluene-D8	98%	98%	85-112%
460-00-4	4-Bromofluorobenzene	98%	98%	83-118%

(a) Sample re-analyzed beyond hold time; reported results are considered minimum values.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-28		
Lab Sample ID:	FA85745-21	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68528.D	1	05/29/21 03:55	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-29		
Lab Sample ID:	FA85745-22	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68529.D	1	05/29/21 04:19	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-30		
Lab Sample ID:	FA85745-23	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68530.D	1	05/29/21 04:43	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-31		
Lab Sample ID:	FA85745-24	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68531.D	1	05/29/21 05:07	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-33		
Lab Sample ID:	FA85745-25	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68532.D	1	05/29/21 05:31	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-36I		
Lab Sample ID:	FA85745-26	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I68659.D	1	06/03/21 14:02	CV	n/a	n/a	VI2202
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	13.9	1.0	0.31	ug/l	
108-88-3	Toluene	8.5	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	29.3	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	117	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	4.5	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	7.3	20	5.3	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

(a) Sample analyzed beyond hold time; reported results are considered minimum values.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-37I		
Lab Sample ID:	FA85745-27	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I68534.D	1	05/29/21 06:18	CV	n/a	n/a	VI2197
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.67	1.0	0.31	ug/l	J
108-88-3	Toluene	4.4	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	3.6	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	24.0	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-38I		
Lab Sample ID:	FA85745-28	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148966.D	1	05/29/21 16:59	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	67.4	1.0	0.31	ug/l	
108-88-3	Toluene	4.3	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	33.8	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	97.0	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	15.2	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	6.0	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-39I		
Lab Sample ID:	FA85745-29	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148967.D	1	05/29/21 17:25	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 TW-1		
Lab Sample ID:	FA85745-30	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148968.D	1	05/29/21 17:51	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	08825 TW-2		
Lab Sample ID:	FA85745-31	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148969.D	1	05/29/21 18:18	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 TW-3		
Lab Sample ID:	FA85745-32	Date Sampled:	05/19/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148970.D	1	05/29/21 18:44	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 RW-1		
Lab Sample ID:	FA85745-33	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148971.D	5	05/29/21 19:10	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	8.6	5.0	1.6	ug/l	
108-88-3	Toluene	52.7	5.0	1.5	ug/l	
100-41-4	Ethylbenzene	152	5.0	1.8	ug/l	
1330-20-7	Xylene (total)	842	15	3.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.1	ug/l	
91-20-3	Naphthalene	71.0	25	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	1.6	ug/l	
108-20-3	Di-Isopropyl Ether	ND	5.0	1.2	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	250	50	ug/l	
64-17-5	Ethyl Alcohol	ND	1000	410	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.2	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	100	26	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	10	1.2	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	100	27	ug/l	
762-75-4	Tert-Butyl Formate	ND	100	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 RW-2		
Lab Sample ID:	FA85745-34	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148972.D	50	05/29/21 19:36	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	128	50	16	ug/l	
108-88-3	Toluene	1080	50	15	ug/l	
100-41-4	Ethylbenzene	1300	50	18	ug/l	
1330-20-7	Xylene (total)	9540	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	11	ug/l	
91-20-3	Naphthalene	705	250	50	ug/l	
107-06-2	1,2-Dichloroethane	ND	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 DUP-A		
Lab Sample ID:	FA85745-35	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148973.D	50	05/29/21 20:03	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	98.2	50	16	ug/l	
108-88-3	Toluene	851	50	15	ug/l	
100-41-4	Ethylbenzene	1360	50	18	ug/l	
1330-20-7	Xylene (total)	6980	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	11	ug/l	
91-20-3	Naphthalene	679	250	50	ug/l	
107-06-2	1,2-Dichloroethane	ND	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 DUP-B		
Lab Sample ID:	FA85745-36	Date Sampled:	05/18/21
Matrix:	AQ - Ground Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148974.D	100	05/29/21 20:30	LR	n/a	n/a	VC6000
Run #2 [a]	I68660.D	50	06/03/21 14:26	CV	n/a	n/a	VI2202

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1430	100	31	ug/l	
108-88-3	Toluene	4270	100	30	ug/l	
100-41-4	Ethylbenzene	598	100	36	ug/l	
1330-20-7	Xylene (total)	8270	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	23	ug/l	
91-20-3	Naphthalene	245	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	ND	100	31	ug/l	
108-20-3	Di-Isopropyl Ether	28.2	100	24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	735	2000	530	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	94%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	102%	79-125%
2037-26-5	Toluene-D8	97%	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	95%	83-118%

(a) Sample re-analyzed beyond hold time; reported results are considered minimum values. Confirmation run.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 FB-1		
Lab Sample ID:	FA85745-37	Date Sampled:	05/18/21
Matrix:	AQ - Field Blank Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148958.D	1	05/29/21 13:29	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 FB-2		
Lab Sample ID:	FA85745-38	Date Sampled:	05/19/21
Matrix:	AQ - Field Blank Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0148959.D	1	05/29/21 13:55	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 TB		
Lab Sample ID:	FA85745-39	Date Sampled:	05/18/21
Matrix:	AQ - Trip Blank Water	Date Received:	05/20/21
Method:	SW846 8260D	Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	C0148960.D	1	05/29/21 14:21	LR	n/a	n/a	VC6000
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Sample vial(s) contained significant headspace; reported results are considered minimum values.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	08825 MW-36I (15-20')		
Lab Sample ID:	FA85745-45	Date Sampled:	05/17/21
Matrix:	SO - Soil	Date Received:	05/20/21
		Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Particle Size Analysis (Sieve and Hydrometer Testing)							
3 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
1.5 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.75 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.375 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.4 Sieve (4.75 mm) [a]	98.1		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.8 Sieve (2.36 mm) [a]	86.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.10 Sieve (2.00 mm) [a]	83.1		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.16 Sieve (1.18 mm) [a]	75.9		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.30 Sieve (0.60 mm) [a]	63.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.50 Sieve (0.30 mm) [a]	41.1		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.100 Sieve (0.15 mm) [a]	25.3		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.200 Sieve (0.075 mm) [a]	22.3		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.030 mm (Hydrometer) [a]	19		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.005 mm (Hydrometer) [a]	16		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.0015 mm (Hydrometer) [a]	15		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Gravel [a]	2.0		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Sand [a]	75.8		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Silt, Clay, Colloids [a]	22.3		%	1	06/09/21 07:20	ANJ	ASTM D422-63

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	08825 MW-37I (15-20')		
Lab Sample ID:	FA85745-46	Date Sampled:	05/17/21
Matrix:	SO - Soil	Date Received:	05/20/21
		Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Particle Size Analysis (Sieve and Hydrometer Testing)							
3 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
1.5 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.75 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.375 Inch Sieve [a]	100		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.4 Sieve (4.75 mm) [a]	95.6		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.8 Sieve (2.36 mm) [a]	82.5		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.10 Sieve (2.00 mm) [a]	79.6		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.16 Sieve (1.18 mm) [a]	75.2		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.30 Sieve (0.60 mm) [a]	63.2		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.50 Sieve (0.30 mm) [a]	38.6		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.100 Sieve (0.15 mm) [a]	26.1		%	1	06/09/21 07:20	ANJ	ASTM D422-63
No.200 Sieve (0.075 mm) [a]	23.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.030 mm (Hydrometer) [a]	18		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.005 mm (Hydrometer) [a]	15		%	1	06/09/21 07:20	ANJ	ASTM D422-63
0.0015 mm (Hydrometer) [a]	12		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Gravel [a]	4.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Sand [a]	72.2		%	1	06/09/21 07:20	ANJ	ASTM D422-63
% Silt, Clay, Colloids [a]	22.4		%	1	06/09/21 07:20	ANJ	ASTM D422-63

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	08825 MW-381 (15-20')		
Lab Sample ID:	FA85745-47	**Date Sampled:**	05/17/21
Matrix:	SO - Soil	**Date Received:**	05/20/21
		Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Particle Size Analysis (Sieve and Hydrometer Testing)							
3 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
1.5 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.75 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.375 Inch Sieve [a]	90.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.4 Sieve (4.75 mm) [a]	83.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.8 Sieve (2.36 mm) [a]	72.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.10 Sieve (2.00 mm) [a]	69.4		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.16 Sieve (1.18 mm) [a]	60.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.30 Sieve (0.60 mm) [a]	50.4		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.50 Sieve (0.30 mm) [a]	35.9		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.100 Sieve (0.15 mm) [a]	22.8		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.200 Sieve (0.075 mm) [a]	19.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.030 mm (Hydrometer) [a]	16		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.005 mm (Hydrometer) [a]	13		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.0015 mm (Hydrometer) [a]	10		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Gravel [a]	16.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Sand [a]	63.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Silt, Clay, Colloids [a]	19.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	08825 MW-39I (15-20')		
Lab Sample ID:	FA85745-48	Date Sampled:	05/17/21
Matrix:	SO - Soil	Date Received:	05/20/21
		Percent Solids:	n/a
Project:	Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Particle Size Analysis (Sieve and Hydrometer Testing)							
3 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
1.5 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.75 Inch Sieve [a]	100		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.375 Inch Sieve [a]	98.7		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.4 Sieve (4.75 mm) [a]	85.1		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.8 Sieve (2.36 mm) [a]	73.2		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.10 Sieve (2.00 mm) [a]	70.6		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.16 Sieve (1.18 mm) [a]	61.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.30 Sieve (0.60 mm) [a]	48.3		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.50 Sieve (0.30 mm) [a]	38.2		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.100 Sieve (0.15 mm) [a]	24.9		%	1	06/11/21 11:46	ANJ	ASTM D422-63
No.200 Sieve (0.075 mm) [a]	21.6		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.030 mm (Hydrometer) [a]	17		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.005 mm (Hydrometer) [a]	14		%	1	06/11/21 11:46	ANJ	ASTM D422-63
0.0015 mm (Hydrometer) [a]	13		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Gravel [a]	13.9		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Sand [a]	64.4		%	1	06/11/21 11:46	ANJ	ASTM D422-63
% Silt, Clay, Colloids [a]	21.6		%	1	06/11/21 11:46	ANJ	ASTM D422-63

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Subcontract Lab Data

Report of Analysis

Pace Analytical®

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Report of Analysis

SGS North America Inc. - Orlando
4405 Vineland Rd
Suite C-15
Orlando, FL 32811
Attention: Muna Mohammed

Project Name: FA85745X

Lot Number:**WE22007**

Date Completed:06/01/2021

06/02/2021 3:19 PM
Approved and released by:
Project Manager II: **Lucas Odom**

The electronic signature above is the equivalent of a handwritten signature.
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Pace Analytical Services, LLC (*formerly Shealy Environmental Services, Inc.*)
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Case Narrative
SGS North America Inc. - Orlando
Lot Number: WE22007

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This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved The NELAC Institute (TNI) standards, the Pace Analytical Services, LLC ("Pace") Laboratory Quality Manual, standard operating procedures (SOPs), and Pace policies. Any exceptions to the TNI standards, the Laboratory Quality Manual, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Pace Project Manager listed on the cover page.

EDB by Microextraction

Samples -001 and -035 have been qualified with a "P" as the relative percent difference between the two GC columns exceeds method criteria. Per SCDHEC, the lesser of the two values has been reported.

Sample Summary
SGS North America Inc. - Orlando
Lot Number: WE22007

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	08825 MW-1	Aqueous	05/18/2021 1247	05/22/2021
002	08825 MW-2	Aqueous	05/18/2021 1706	05/22/2021
003	08825 MW-3	Aqueous	05/18/2021 1614	05/22/2021
004	08825 MW-4	Aqueous	05/18/2021 1626	05/22/2021
005	08825 MW-5	Aqueous	05/18/2021 1320	05/22/2021
006	08825 MW-6	Aqueous	05/18/2021 1331	05/22/2021
007	08825 MW-9	Aqueous	05/18/2021 1350	05/22/2021
008	08825 MW-10	Aqueous	05/18/2021 1359	05/22/2021
009	08825 MW-11	Aqueous	05/18/2021 1420	05/22/2021
010	08825 MW-12	Aqueous	05/18/2021 1409	05/22/2021
011	08825 MW-13	Aqueous	05/18/2021 1432	05/22/2021
012	08825 MW-14	Aqueous	05/18/2021 1443	05/22/2021
013	08825 MW-15	Aqueous	05/18/2021 1554	05/22/2021
014	08825 MW-17	Aqueous	05/18/2021 1309	05/22/2021
015	08825 MW-18	Aqueous	05/18/2021 1258	05/22/2021
016	08825 MW-19	Aqueous	05/18/2021 1545	05/22/2021
017	08825 MW-20	Aqueous	05/18/2021 1715	05/22/2021
018	08825 MW-23	Aqueous	05/18/2021 1605	05/22/2021
019	08825 MW-24	Aqueous	05/18/2021 1238	05/22/2021
020	08825 MW-27	Aqueous	05/18/2021 1637	05/22/2021
021	08825 MW-28	Aqueous	05/18/2021 1341	05/22/2021
022	08825 MW-29	Aqueous	05/19/2021 0959	05/22/2021
023	08825 MW-30	Aqueous	05/19/2021 1014	05/22/2021
024	08825 MW-31	Aqueous	05/19/2021 1028	05/22/2021
025	08825 MW-33	Aqueous	05/19/2021 1044	05/22/2021
026	08825 MW-36I	Aqueous	05/19/2021 0946	05/22/2021
027	08825 MW-37I	Aqueous	05/19/2021 0910	05/22/2021
028	08825 MW-38I	Aqueous	05/19/2021 0825	05/22/2021
029	08825 MW-39I	Aqueous	05/19/2021 0912	05/22/2021
030	08825 TW-1	Aqueous	05/19/2021 0855	05/22/2021
031	08825 TW-2	Aqueous	05/19/2021 0931	05/22/2021
032	08825 TW-3	Aqueous	05/19/2021 0802	05/22/2021
033	08825 RW-1	Aqueous	05/18/2021 1646	05/22/2021
034	08825 RW-2	Aqueous	05/18/2021 1655	05/22/2021
035	08825 DUP-A	Aqueous	05/18/2021 1200	05/22/2021
036	08825 DUP-B	Aqueous	05/18/2021 1201	05/22/2021
037	08825 FB-1	Aqueous	05/18/2021 1300	05/22/2021
038	08825 FB-2	Aqueous	05/19/2021 1301	05/22/2021
039	08825 WSW-2	Aqueous	05/19/2021 1107	05/22/2021
040	08825 WSW-7	Aqueous	05/19/2021 1137	05/22/2021
041	08825 DUP-C	Aqueous	05/19/2021 1000	05/22/2021
042	08825 WSW-FB	Aqueous	05/19/2021 1100	05/22/2021

(42 samples)

Detection Summary

SGS North America Inc. - Orlando

Lot Number: WE22007

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	08825 MW-1	Aqueous	1,2-Dibromoethane (EDB)	8011	0.026	P	ug/L	5
017	08825 MW-20	Aqueous	1,2-Dibromoethane (EDB)	8011	0.027		ug/L	21
019	08825 MW-24	Aqueous	1,2-Dibromoethane (EDB)	8011	0.55		ug/L	23
034	08825 RW-2	Aqueous	1,2-Dibromoethane (EDB)	8011	0.020		ug/L	38
035	08825 DUP-A	Aqueous	1,2-Dibromoethane (EDB)	8011	0.022	P	ug/L	39
036	08825 DUP-B	Aqueous	1,2-Dibromoethane (EDB)	8011	0.55		ug/L	40

(6 detections)

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-1**
Date Sampled: **05/18/2021 1247**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2144	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.026**	**P**	**0.020**	**0.0049**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		105	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-2**
Date Sampled: **05/18/2021 1706**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2206	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-3**
Date Sampled: **05/18/2021 1614**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2217	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		109	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-004**

Description: **08825 MW-4** Matrix: **Aqueous**

Date Sampled: **05/18/2021 1626**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2238	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		112	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-5**
Date Sampled: **05/18/2021 1320**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2249	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		100	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-006**

Description: **08825 MW-6** Matrix: **Aqueous**

Date Sampled: **05/18/2021 1331**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2300	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		100	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-9**
Date Sampled: **05/18/2021 1350**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2311	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.021	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		108	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-008**

Description: **08825 MW-10** Matrix: **Aqueous**

Date Sampled: **05/18/2021 1359**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2322	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-11**
Date Sampled: **05/18/2021 1420**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-009**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2332	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.021	0.0052	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		104	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-12**
Date Sampled: **05/18/2021 1409**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-010**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2343	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0049	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		107	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-13**
Date Sampled: **05/18/2021 1432**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-011**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/28/2021 2354	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-14**
Date Sampled: **05/18/2021 1443**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-012**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0005	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		102	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-15**
Date Sampled: **05/18/2021 1554**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-013**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0015	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		108	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-17**
Date Sampled: **05/18/2021 1309**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-014**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0026	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		99	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-18**
Date Sampled: **05/18/2021 1258**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-015**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0037	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.021	0.0052	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		100	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Eslimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-016**

Description: **08825 MW-19** Matrix: **Aqueous**

Date Sampled: **05/18/2021 1545**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0048	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		104	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-20**
Date Sampled: **05/18/2021 1715**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-017**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0059	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.027**		**0.021**	**0.0052**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		113	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-23**
Date Sampled: **05/18/2021 1605**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-018**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0110	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **WE22007-019**
Description: **08825 MW-24**
Matrix: **Aqueous**
Date Sampled: **05/18/2021 1238**
Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0120	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.55**		**0.020**	**0.0051**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		111	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-27**
Date Sampled: **05/18/2021 1637**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-020**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0131	JPB	05/27/2021 1758	93635

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		105	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-28**
Date Sampled: **05/18/2021 1341**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-021**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0214	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.021	0.0052	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		118	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-29**
Date Sampled: **05/19/2021 0959**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-022**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0236	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		104	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-30**
Date Sampled: **05/19/2021 1014**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-023**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0247	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		111	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-31**
Date Sampled: **05/19/2021 1028**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-024**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0309	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.021	0.0052	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-33**
Date Sampled: **05/19/2021 1044**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-025**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0319	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.021	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		110	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-026**

Description: **08825 MW-36I** Matrix: **Aqueous**

Date Sampled: **05/19/2021 0946**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0330	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		107	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 MW-37I**
Date Sampled: **05/19/2021 0910**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-027**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0341	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		102	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-028**

Description: **08825 MW-38I** Matrix: **Aqueous**

Date Sampled: **05/19/2021 0825**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0352	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.021	0.0052	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		107	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **WE22007-029**
Description: **08825 MW-39I**
Matrix: **Aqueous**
Date Sampled: **05/19/2021 0912**
Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0402	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.021	0.0052	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-030**

Description: **08825 TW-1** Matrix: **Aqueous**

Date Sampled: **05/19/2021 0855**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0413	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		106	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Defection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 TW-2**
Date Sampled: **05/19/2021 0931**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-031**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0424	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		101	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-032**

Description: **08825 TW-3** Matrix: **Aqueous**

Date Sampled: **05/19/2021 0802**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0435	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0051	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		100	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **WE22007-033**
Description: **08825 RW-1**
Matrix: **Aqueous**
Date Sampled: **05/18/2021 1646**
Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0446	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		115	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-034**

Description: **08825 RW-2** Matrix: **Aqueous**

Date Sampled: **05/18/2021 1655**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0456	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.020**		**0.020**	**0.0050**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		109	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-035**

Description: **08825 DUP-A** Matrix: **Aqueous**

Date Sampled: **05/18/2021 1200**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0507	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.022**	**P**	**0.021**	**0.0051**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		109	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 DUP-B**
Date Sampled: **05/18/2021 1201**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-036**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0518	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	**106-93-4**	**8011**	**0.55**		**0.020**	**0.0050**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		107	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **08825 FB-1**
Date Sampled: **05/18/2021 1300**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-037**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0529	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		119	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

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EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-038**

Description: **08825 FB-2** Matrix: **Aqueous**

Date Sampled: **05/19/2021 1301**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	05/29/2021 0540	JPB	05/27/2021 1758	93636

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.020	0.0050	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		117	57-137

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **WE22007-039**
Description: **08825 WSW-2**
Matrix: **Aqueous**
Date Sampled: **05/19/2021 1107**
Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	05/27/2021 1331	BWS		93619

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		85	70-130
1,2-Dichlorobenzene-d4		88	70-130

4

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-039**

Description: **08825 WSW-2** Matrix: **Aqueous**

Date Sampled: **05/19/2021 1107**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	05/25/2021 1201	JWO		93299

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260D	ND		20	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	70-130
Toluene-d8		101	70-130
Bromofluorobenzene		92	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
Q = Surrogate failure
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
L = LCS/LCSD failure
H = Out of holding time
W = Reported on wet weight basis
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **WE22007-040**
Description: **08825 WSW-7**
Matrix: **Aqueous**
Date Sampled: **05/19/2021 1137**
Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	05/27/2021 1421	BWS		93619

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		86	70-130
1,2-Dichlorobenzene-d4		91	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-040**
Description: **08825 WSW-7** Matrix: **Aqueous**
Date Sampled: **05/19/2021 1137**
Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	05/25/2021 1224	JWO		93299

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260D	ND		20	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	70-130
Toluene-d8		99	70-130
Bromofluorobenzene		89	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-041**

Description: **08825 DUP-C** Matrix: **Aqueous**

Date Sampled: **05/19/2021 1000**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	05/27/2021 1356	BWS		93619

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		82	70-130
1,2-Dichlorobenzene-d4		91	70-130

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit	Q = Surrogate failure
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL	L = LCS/LCSD failure
H = Out of holding time	W = Reported on wet weight basis			S = MS/MSD failure

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Description: **08825 DUP-C**
Date Sampled: **05/19/2021 1000**
Date Received: **05/22/2021**

Laboratory ID: **WE22007-041**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	05/25/2021 1246	JWO		93299

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260D	ND		20	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Toluene-d8		101	70-130
Bromofluorobenzene		91	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL
Q = Surrogate failure
L = LCS/LCSD failure
S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-042**

Description: **08825 WSW-FB** Matrix: **Aqueous**

Date Sampled: **05/19/2021 1100**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	05/27/2021 1306	BWS		93619

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		85	70-130
1,2-Dichlorobenzene-d4		89	70-130

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit	Q = Surrogate failure
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL	L = LCS/LCSD failure
H = Out of holding time	W = Reported on wet weight basis			S = MS/MSD failure

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **WE22007-042**

Description: **08825 WSW-FB** Matrix: **Aqueous**

Date Sampled: **05/19/2021 1100**

Date Received: **05/22/2021**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	05/25/2021 1033	JWO		93299

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260D	ND		20	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	70-130
Toluene-d8		100	70-130
Bromofluorobenzene		90	70-130

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
Q = Surrogate failure
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
L = LCS/LCSD failure
H = Out of holding time
W = Reported on wet weight basis
S = MS/MSD failure

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Chain of Custody
and
Miscellaneous Documents

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL. 407-425-6700 FAX: 407-425 6707
www.sgs.com/ehsusa

TDD-EX Tracking #: | Source Code / Critical #:
SCE Quote #: | SDG Code #: FA85745X

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4405 Vineland Rd, Suite C-15
City: Orlando | State: FL | Zip: 32811
Project Contact: | E-mail: muna.mohamed@sgs.com
Phone #: 407-425-6700 | Fax #:
Sampler(s) Name(s): KPDJ | Phone #:

Project Information

Project Name: FA85745X
Street:
City: | State: SC
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (If different from Report to)

Company Name:
Street Address:
City: | State: | Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

SCE Sample #	Field ID / Point of Collection	MEOH Vial #	Collected: Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	H2SO4	HNO3	DI Water	MEOH	ENCORE	VOA/TEX/EOB, VOA/MTBE, 1,2-DCA, NAPHTH, VOA/MTBE, 1,2-DCA, NAPHTH, VOA/TEOB,	LAB USE ONLY
1X	08825 MW-1		5/18/21	12:47:00 PM	KPDJ	AQ	2	2							X	
2X	08825 MW-2		5/18/21	6:08:00 PM	KPDJ	AQ	2	2							X	
3X	08825 MW-3		5/18/21	4:14:00 PM	KPDJ	AQ	2	2							X	
4X	08825 MW-4		5/18/21	4:26:00 PM	KPDJ	AQ	2	2							X	
5X	08825 MW-5		5/18/21	1:20:00 PM	KPDJ	AQ	2	2							X	
6X	08825 MW-6		5/18/21	1:31:00 PM	KPDJ	AQ	2	2							X	
7X	08825 MW-9		5/18/21	1:50:00 PM	KPDJ	AQ	2	2							X	
8X	08825 MW-10		5/18/21	1:58:00 PM	KPDJ	AQ	2	2							X	
9X	08825 MW-11		5/18/21	2:20:00 PM	KPDJ	AQ	2	2							X	
10X	08825 MW-12		5/18/21	2:09:00 PM	KPDJ	AQ	2	2							X	
11X	08825 MW-13		5/18/21	2:32:00 PM	KPDJ	AQ	2	2							X	
12X	08825 MW-14		5/18/21	2:43:00 PM	KPDJ	AQ	2	2							X	

WE22007

LJG

Turnaround Time (Business days)

Approved By (SGS PM) / Date:

- [ ] Standard 10 Day (Business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 6/27/2021

Emergency & Rush T/A data available via Labtrk. Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2)
- [ ] RED T1 (Level 3)
- [ ] FULL1 (Level 4)
- [ ] Commercial "D"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Shealy

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1		5/21/21 1730	1	2		2
3	Relinquished by Sampler	Date Time	Received By	4	5/22/21 0820	4
5	Relinquished by	Date Time	Received By	Custody Seal #	Preserved where applicable	Cooler Temp

Intact [ ] Not Intact [ ] Thermometer ID: [ ] Cooler [ ]

4

Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com/ehsusa

FEDEX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: FA85745X

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: FA85745X		DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; ES-Equipment Blank; RB- Rinse Blank; TB-Trip Blank
Street Address: 4405 Vineland Rd, Suite C-15	Street:	Billing Information (if different from Report to):	
City: Orlando State: FL Zip: 3281[illegible]	City: State: SC	Company Name:	
Project Contact: E-mail: muna.mohamed@sgs.com	Project #:	Street Address:	
Phone #: 407-425-6700 Fax #:	Client Purchase Order #:	City: State: Zip:	
Sampler(s) Name(s): KPDJ Phone #:	Project Manager:	Attention:	

WE22007

LJC

SGS Sample #	Field ID / Point of Collection	NEONSCI Vial #	Collected Date	Collected Time	Collected by	Matrix	# of Bottles	Number of Preserved Bottles: HCl	H2SO4	HNO3	NaOH	ZN Acet	NaOH+	EnCore	VS24FDR, VS24RTFK, MTBE, 1,2-DCA, NAPTH, VS2000LVOS	VS24STEK, MTBE, 1,2-DCA, NAPTH, VS2000LVOS	VA01EDB	LAB USE ONLY
13X	08825 MW-16		5/18/21	3:54:00 PM	KPDJ	AQ	3	2									X	
14X	08825 MW-17		5/18/21	2:08:00 PM	KPDJ	AQ	3	2									X	
15X	08825 MW-18		5/18/21	12:58:00 PM	KPDJ	AQ	3	2									X	
16X	08825 MW-19		5/18/21	3:45:00 PM	KPDJ	AQ	3	2									X	
17X	08825 MW-20		5/18/21	5:15:00 PM	KPDJ	AQ	3	2									X	
18X	08825 MW-23		5/18/21	4:05:00 PM	KPDJ	AQ	3	2									X	
19X	08825 MW-24		5/18/21	12:36:00 PM	KPDJ	AQ	3	2									X	
20X	08825 MW-27		5/18/21	4:57:00 PM	KPDJ	AQ	3	2									X	
21X	08825 MW-26		5/18/21	1:41:00 PM	KPDJ	AQ	3	2									X	
22X	08825 MW-29		5/19/21	9:59:00 AM	KPDJ	AQ	3	2									X	
23X	08825 MW-30		5/19/21	10:14:00 AM	KPDJ	AQ	3	2									X	
24X	08825 MW-31		5/19/21	10:28:00 AM	KPDJ	AQ	3	2									X	

Turnaround Time (Business days)

Approved By (SGS PM) / Date:

- [ ] Standard 10 Day (Business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 5/27/2021

Emergency & Rush T/A data available via LabLink. Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2)
- [ ] RED'T (Level 3)
- [ ] TVRRP (Level 4)
- [ ] Commercial "C"

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Comments / Special Instructions

Sheely

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	5/21/21	1	2		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4 FEDEX	5/22/21 922	4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Preserved where applicable	On Ice	Cooler Temp.
5		5		Intact / Not Intact	Therm. ID:	1.7

CHAIN OF CUSTODY

SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-426-0700 FAX: 407 426-0707
www.sgs.com/ensusa

SGS Job #: FA85745X

WE22007

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)
Company Name: SGS North America Inc.	Project Name: FA85745X	
Street Address: 4405 Vineland Rd, Suite C-15	Quote #	Billing Information (if different from Report to)
City: Orlando State: FL Zip: 32811	City: SC State	Company Name
Project Contact: E-mail: mona.mcpherren@sgs.com	Project #	Street Address
Phone #: 407-426-8700 Fax #	Client Purchase Order #	City State Zip
Sampler(s) Name(s): KPDJ Phone #	Project Manager	Attention

SDG Number	Field ID / Point of Collection	MS/MSD Mark	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	VSHEEDS, VSHBTEX, MTBE, 1,2-DCA, NAPHTH	VSHBTEX, MTBE, 1,2-DCA, NAPHTH, VSHEEDS	VB611EDB	Matrix Codes
26X	08825 MW-3S		5/19/21	10:44:00 AM	KPDJ	AQ	2			X	
26X	08825 MW-3SI		5/19/21	9:46:00 AM	KPDJ	AQ	2			X	
27X	08825 MW-3TI		5/19/21	9:10:00 AM	KPDJ	AQ	2			X	
28X	08825 MW-2SI		5/19/21	8:25:00 AM	KPDJ	AQ	2			X	
29X	08825 MW-3SI		5/19/21	9:12:00 AM	KPDJ	AQ	2			X	
30X	08825 TW-1		5/19/21	8:55:00 AM	KPDJ	AQ	2			X	
31X	08825 TW-2		5/19/21	9:31:00 AM	KPDJ	AQ	2			X	
32X	08825 TW-3		5/19/21	8:02:00 AM	KPDJ	AQ	2			X	
33X	08825 RW-1		5/18/21	4:46:00 PM	KPDJ	AQ	2			X	
34X	08825 RW-2		5/18/21	4:55:00 PM	KPDJ	AQ	2			X	
35X	08825 DUP-A		5/18/21	12:00:00 PM	KPDJ	AQ	2			X	
36X	08825 DUP-B		5/18/21	12:01:00 PM	KPDJ	AQ	2			X	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

AB USE ONLY

Turnaround Time (Business days)

Approved By (SGS PM) / Date:

- [ ] Standard 10 Day (Business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 5/27/2021

Emergency & Rush T/A data available VIA Lablink. Approval needed for RUSH/Emergency T/A

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] RULT1 (Level 4)
- [ ] Commercial "C"

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Comments / Special Instructions

Shealy

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by / Company	Date Time	Received By	Date Time
1	Ken Quin	5/21/21 19:00	1	
2			2	
3	Relinquished by (Lab Use)	Date Time	Received By	
4	Relinquished by: Fedex	5/22/21 9:22	Received By: Greg Goodwin	
5	Relinquished by:	Date Time:	Received By:	

Custody Seal # ☐ Intact ☐ Not Intact — Preserved where applicable ☐ — On Ice ☐ — Cooler Temp: 19 / 1.7

PACE ANALYTICAL SERVICES, LLC

4

CHAIN OF CUSTODY

SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com/chserpa

FEDEX Tracking #: | Bottle Order Control #:
SGS Quote #: | SDG # FA85745X

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: FA85745X		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL- Sludge SED-Sediment O - Oil LIQ - Other Liquid AIR - Air SCL - Other Solids WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
Street Address: 4405 Vineland Rd, Suite C-15	Street:	Billing Information (if different from Report to)	
City: Orlando State: FL Zip: 32811	City: State: SC	Company Name:	
Project Contact: Email:	Project #:	Street Address:	
Phone #: 407-425-6700 Fax #:	Client Purchase Order #:	City: State: Zip:	
Sampler(s) Name(s): KPDJ Phone #:	Project Manager:	Attention:	

WE22007

LID

SGS Sample #	Field ID / Point of Collection	MEOH Vial #	Collected Date	Collected Time	Sampled By	Matrix	# of bottles	# of preserved bottles HCl	NaOH	HNO3	H2SO4	NONE	DI WATER	MEOH	ENCORE	VB04E,DB, VB21BTEX, MTBE, 1,2-DCA, NAPHTH; VB35GOXYB,	VB24BTEX, MTBE, 1,2-DCA, NAPHTH# VB26GOXYB	VB01EDB,	LAB USE ONLY
37X	08825 FB-1		5/18/21	1:00:00 PM	KPDJ	AQ	3	2										X	
38X	08825 FB-2		5/19/21	1:01:00 PM	KPDJ	AQ	3	2										X	
40X	08825 WSW-2		5/19/21	11:07:00 AM	KPDJ	DW	9	6							3	X			
41X	08825 WSW 7		5/19/21	11:37:00 AM	KPDJ	DW	9	6							3	X			
42X	08825 DUP-C		5/19/21	11:00:00 AM	KPDJ	DW	9	6							3	X			
43X	08825 WSW-FB		5/19/21	11:00:00 AM	KPDJ	DW	9	6							3	X			
44X	08825 WSW-TB		5/19/21	7:00:00 AM	KPDJ	DW	4	4									X		

Turnaround Time (Business days)

Approved By (SGS PM) / Date:

- [ ] Standard 10 Day (Business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due: 6/27/2021

Emergency & Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2)
- [ ] RBCP (Level 3)
- [ ] FULTR (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Raw data

Comments / Special Instructions

Shealy

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

1 Relinquished by Sampler:	Date Time: 5/21/21 17:00	Received By: 1	Relinquished By: 2	Date Time:	Received By: 2
3 Relinquished by Sampler:	Date Time:	Received By: 3	Relinquished By: 4 FedEx	Date Time: 5/22/21 9:22	Received By: Gary Boodman
5 Relinquished by:	Date Time:	Received By: 5	Custody Seal #	[X] Intact [ ] Not Intact	Preserved where applicable [ ] Therm ID:	On Ice [ ]	Cooler Temp. 1.7

Pace Analytical

Samples Receipt Checklist (SRC) (ME0018C-15)
Issuing Authority: Pace ENV - WCOL

Revised:9/29/2020
Page 1 of 1

Sample Receipt Checklist (SRC)

Client: SGS Cooler Inspected by/date: JSH / 05/22/2021 Lot #: WE22007

Means of receipt: ☐ Pace ☐ Client ☐ UPS ☑ FedEx ☐ Other:

☐ Yes	☑ No		1. Were custody seals present on the cooler?
☐ Yes	☐ No	☑ NA	2. If custody seals were present, were they intact and unbroken?

pH Strip ID: NA Chlorine Strip ID: NA Tested by: NA

Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: NA

1.7 / 1.7 °C NA / NA °C NA / NA °C NA / NA °C

Method: ☐ Temperature Blank ☑ Against Bottles IR Gun ID: 5 IR Gun Correction Factor: 0 °C

Method of coolant: ☑ Wet Ice ☐ Ice Packs ☐ Dry Ice ☐ None

☐ Yes	☐ No	☑ NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one).
☑ Yes	☐ No	☐ NA	4. Is the commercial courier's packing slip attached to this form?
☑ Yes	☐ No		5. Were proper custody procedures (relinquished/received) followed?
☑ Yes	☐ No		6. Were sample IDs listed on the COC?
☑ Yes	☐ No		7. Were sample IDs listed on all sample containers?
☑ Yes	☐ No		8. Was collection date & time listed on the COC?
☑ Yes	☐ No		9. Was collection date & time listed on all sample containers?
☑ Yes	☐ No		10. Did all container label information (ID, date, time) agree with the COC?
☑ Yes	☐ No		11. Were tests to be performed listed on the COC?
☑ Yes	☐ No		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
☑ Yes	☐ No		13. Was adequate sample volume available?
☑ Yes	☐ No		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
☐ Yes	☑ No		15. Were any samples containers missing/excess (circle one) samples Not listed on COC?
☐ Yes	☑ No	☐ NA	16. For VOA and RSK-175 samples, were bubbles present >"pea-size" (¼"or 6mm in diameter) in any of the VOA vials?
☐ Yes	☐ No	☑ NA	17. Were all DRO/metals/nutrient samples received at a pH of < 2?
☐ Yes	☐ No	☑ NA	18. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
☐ Yes	☐ No	☑ NA	19. Were all applicable NH_3/TKN/cyanide/phenol/625.1/608.3 (< 0.5mg/L) samples free of residual chlorine?
☐ Yes	☐ No	☑ NA	20. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?
☐ Yes	☑ No		21. Was the quote number listed on the container label? If yes, Quote #

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) NA were received incorrectly preserved and were adjusted accordingly in sample receiving with NA mL of circle one: H_2SO_4, HNO_3, HCl, NaOH using SR # NA

Time of preservation NA. If more than one preservative is needed, please note in the comments below.

Sample(s) NA were received with bubbles >6 mm in diameter.

Samples(s) NA were received with TRC > 0.5 mg/L (If #19 is *no*) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: NA

SR barcode labels applied by: JRG2 Date: 05/22/2021

Comments:

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- **Chain of Custody**

SC DHEC FA85745

SGS North America Inc - Orlando

Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com

SGS - ORLANDO JOB #: PAGE 1 OF 4

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 3502 Hayes Rd.
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email:
Phone #: (704) 845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Kyle Perry Sampler 2: DJ Johnson

Project Information

Project Name: Lenoir Store
Street: 3240 Horatio Haywood Rd.
City: Horatio State: SC
Project #: 7001
Fax#: UST Permit # 08825
Client Purchase Order #

Analytical Information

BTEX, MTBE, Naphthalene, 1,2-DCA, Ecoprops - 8260
EDD - Y/N

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid

SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY	MATRIX	CONTAINER INFORMATION TOTAL # OF BOTTLES	BTEX, MTBE, Naphthalene, 1,2-DCA, Ecoprops - 8260	EDD - Y/N	LAB USE ONLY
1	08825 - MW-1 (HOT)	5/18/21	1247	KP	GW	5	X	X	
2	08825 - MW-2	5/18/21	1706	KP	GW	5	X	X	
3	08825 - MW-3	5/18/21	1614	KP	GW	5	X	X	
4	08825 - MW-4	5/18/21	1626	DS	GW	5	X	X	
5	08825 - MW-5	5/18/21	1320	DS	GW	5	X	X	
6	08825 - MW-6	5/18/21	1331	DS	GW	5	X	X	
7	08825 - MW-9	5/18/21	1350	KP	GW	5	X	X	
8	08825 - MW-10	5/18/21	1359	KP	GW	5	X	X	
9	08825 - MW-11	5/18/21	1420	KP	GW	5	X	X	
10	08825 - MW-12	5/18/21	1409	KP	GW	5	X	X	
11	08825 - MW-13	5/18/21	1432	DS	GW	5	X	X	
12	08825 - MW-14	5/18/21	1443	DS	GW	5	X	X	

Turnaround Time (Business days)

10 Day (Business) Approved By: / Date:
7 Day
5 Day
3 Day RUSH
2 Day RUSH
1 Day RUSH
Other
Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

☐ COMMERCIAL "A" (RESULTS ONLY)
☒ COMMERCIAL "B" (RESULTS PLUS QC)
☐ REDT1 (EPA LEVEL 3)
☐ FULLT1 (EPA LEVEL 4)
☒ EDD'S

Comments / Remarks

SC DHEC UST Management Division
UST Permit # 08825
INITIAL ASSESSMENT LABEL VERIFICATION NS CDV ICM
2 BTEX

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	Kyle Perry	5/19/21 1515	2 FedEx 9751 5384 3587 / 9211 5314 9419	3 KP	5/20/21 950	4 Client
5	Relinquished by/Affiliation	Date Time:	Received By/Affiliation 6	Relinquished By/Affiliation 7	Date Time:	Received By/Affiliation 8

Lab Use Only: Cooler Temperature (s) Celsius (corrected): 2.8 | 3.4 | 2.1

http://www.sgs.com/en/terms-and-conditions

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FA85745: Chain of Custody
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SC DHEC FA85745

SGS North America Inc - Orlando
Chain of Custody

4405 Vineland Road, Suite C-15, Orlando, Fl 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com

SGS - ORLANDO JOB # : FA85745 PAGE 2 OF 4

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 3502 Hayes Rd.
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email:
Phone #: (704) 845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Kyle Perry Sampler 2: DJ Johnsen

Project Information

Project Name: Lenoir Store
Street: 3240 Horatio Hagood Rd.
City: Horatio State: SC
Project #: 7001
PO #: UST Permit #08825
Client Purchase Order #

Analytical Information

SGS Orlando Sample #	Field ID / Point of Collection	Collection: Date	Time	Sampled By	Container Information: Matrix	Total # of Bottles	Other	None	HCl	MeOH	EnCore	NaOH	NaOH+ZnAc	DI Water	MeOH	BTEX, MTBE, naphthalene, 1,2-DCA, & ethanol - 8260	EDB - 8011	Matrix Codes / LAB USE ONLY
13	08825 - MW-15	5/18/21	1554	KP	GW	5										X	X	
14	08825 - MW-17	5/18/21	1309	DJ	GW	5										X	X	
15	08825 - MW-18	5/18/21	1258	DJ	GW	5										X	X	
16	08825 - MW-19	5/18/21	1545	KP	GW	5										X	X	
17	08825 - MW-20	5/18/21	1715	KP	GW	5										X	X	
18	08825 - MW-23	5/18/21	1605	DJ	GW	5										X	X	
19	08825 - MW-24	5/18/21	1238	KP	GW	5										X	X	
20	08825 - MW-27	5/18/21	1637	DJ	GW	5										X	X	
21	08825 - MW-28	5/18/21	1341	DJ	GW	5										X	X	
22	08825 - MW-29	5/19/21	0959	KP	GW	5										X	X	
23	08825 - MW-30	5/19/21	1014	KP	GW	5										X	X	
24	08825 - MW-31	5/19/21	1028	KP	GW	5										X	X	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid

Turnaround Time (Business days)

10 Day (Business) — Approved By: / Date:
7 Day
5 Day
3 Day *RUSH*
2 Day *RUSH*
1 Day *RUSH*
Other
Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SC DHEC UST Management Division
UST Permit # 08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 Kyle Perry	5/19/21 1515	2 FedEx 0751 5394 3387 9231 5394 3388 6231 5394 3410	3 FX	5/20/21	4
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time: 0950	Received By/Affiliation
5		6	7		8

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

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FA85745: Chain of Custody
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SC DHEC FA85745

SGS North America Inc - Orlando
Chain of Custody

SGS - ORLANDO JOB #: PAGE 3 OF 4

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TEL 407-425-6700 FAX 407-425-0707
www.sgs.com

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 3502 Hayes Rd.
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email:
Phone #: (704) 845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Kyle Perry Sampler 2: DS Johnson

Project Information

Project Name: Lenoir Store
Street: 3240 Horatio Hagood Rd.
City: Horatio State: SC
Project #: 7001
Fax #: UST Permit #08825
Client Purchase Order #

Analytical Information

SGS Orlando Sample #	Field ID / Point of Collection	Time	Date	Sampled By:	Matrix	Total # of Bottles	BTEX, MTBE, naphthalene & 1,2-DCA & Scavengers - 8260	EDB - 8011
25	08825 MW-33	1044	5/19/21	DS	GW	5	X	X
26	08825 - MW-36I	0946	5/19/21	KP	GW	5	X	X
27	08825 - MW-37I	0910	5/19/21	KP	GW	5	X	X
28	08825 - MW-38I	0828	5/19/21	KP	GW	5	X	X
29	08825 - MW-39I	0813	5/19/21	KP	GW	5	X	X
30	08825 - TW-1	0855	5/19/21	DS	GW	5	X	X
31	08825 - TW-2	0931	5/19/21	DS	GW	5	X	X
32	08825 - TW-3	0902	5/19/21	DS	GW	5	X	X
33	08825 - RW-1 (HOT)	1646	5/18/21	KP	GW	5	X	X
34	08825 - RW-2	1655	5/18/21	KP	GW	5	X	X
35	08825 - DUP-A (HOT)	1200	5/18/21	KP	GW	5	X	X
36	08825 - DUP-B	1201	5/18/21	KP	GW	5	X	X

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid

Turnaround Time (Business days)

~~10 Day (Business)~~ Approved By: / Date:
7 Day
5 Day
3 Day *RUSH*
2 Day *RUSH*
1 Day *RUSH*
Other
Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SC DHEC UST Management Division
UST Permit #08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	Kyle Perry	5/19/21 1515	2 FedEx 9031 5384 3327 9031 5384 3358 9031 5384 3419	3 FX	5/20/21 950	4 Pault
5	Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
			6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

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SC DHEC FA85745

SGS North America Inc - Orlando

Chain of Custody

SGS

4405 Vineland Road, Suite C-15, Orlando, FL 32811
TEL 407-425-6700 FAX 407-425-0707
www.sgs.com

SGS - ORLANDO JOB #: PAGE 4 OF 4

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 3502 Hayes Rd.
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email:
Phone #: (704) 845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Kyle Perry Sampler 2: DJ Johnson

Project Information

Project Name: Lenoir Store
Street: 3240 Horatio Hagood ~~SC~~ Rd.
City: Horatio State: SC
Project #: 2001
PO #: UST Permit #08825
Client Purchase Order #

Analytical Information

SGS Orlando Sample #	Field ID / Point of Collection	Collection DATE	Collection TIME	Sampled By	Matrix	Total # of Bottles	Container Information	BTEX, MTBE, Naphthalene, 1,2-DCA - 8260	8 oxygenates - 8260	EDB - 504.1	Grain Size	BTEX, MTBE, Naphthalene, 1,2-DCA, Ethylbenzene - 8260	EDD - Soil	Matrix Codes / LAB USE ONLY
37	08825 - FB-1	5/15/21	1300	KP	WW	5						X	X	
38	08825 - FB-2	5/19/21	1301	KP	WW	5						X	X	
39	08825 - TB	5/18/21	0630	KP	WW	2						X		
40	08825 - WSW-2	5/19/21	1107	KP	DW	9		X	X	X				
41	08825 - WSW-7	5/19/21	1137	KP	DW	9		X	X	X				
42	08825 - DUP-C	5/19/21	1000	KP	DW	9		X	X	X				
43	08825 - WSW-FB	5/19/21	1100	KP	WW	9		X	X	X				
44	08825 - WSW-TB	5/19/21	0700	KP	WW	4		X	X					
45	08825 - MW-36I (15-20')	5/17/21	1025	KP	SO	1					X			
46	08825 - MW-37I (15-20')	5/17/21	1125	KP	SO	1					X			
47	08825 - MW-38I (15-20')	5/17/21	1220	KP	SO	1					X			
48	08825 - MW-39I (15-20')	5/17/21	1330	KP	SO	1					X			

Turnaround Time (Business days)

- (10 Day (Business))
- 7 Day
- 5 Day
- 3 Day *RUSH*
- 2 Day *RUSH*
- 1 Day *RUSH*
- Other

Approved By: / Date:

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- ☐ COMMERCIAL "A" (RESULTS ONLY)
- ☒ COMMERCIAL "B" (RESULTS PLUS QC)
- ☐ REDT1 (EPA LEVEL 3)
- ☐ FULLT1 (EPA LEVEL 4)
- ☒ EDD'S

Comments / Remarks

SC DHEC UST Management Division
UST Permit #08825

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	Kyle Perry	5/19/21 1515	2 FedEx 4221 5584 3327 4221 5584 3338 4221 5584 3419	3 FX	5/20/21 950	4 [illegible]
5	Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
			6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

ORLD-SMT-0001-03-FORM-COC (4).xls Rev 031318

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FA85745: Chain of Custody
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SGS Sample Receipt Summary

Job Number: FA85745 **Client:** GEOLOGICAL RESOURCES **Project:** LENOIR STORE

Date / Time Received: 5/20/2021 9:50:00 AM **Delivery Method:** FX **Airbill #'s:** 9231 5384 3338

Therm ID: IR 1; **Therm CF:** -1.8; **# of Coolers:** 3

Cooler Temps (Raw Measured) °C: Cooler 1: (4.6); Cooler 2: (5.2); Cooler 3: (3.9);

Cooler Temps (Corrected) °C: Cooler 1: (2.8); Cooler 2: (3.4); Cooler 3: (2.1);

Cooler Information	Y	or	N
1. Custody Seals Present	☑		☐
2. Custody Seals Intact	☑		☐
3. Temp criteria achieved	☑		☐
4. Cooler temp verification	IR Gun		
5. Cooler media	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler	☑		☐	☐
2. Trip Blank listed on COC	☑		☐	☐
	W	**or**	**S**	**N/A**
3. Type Of TB Received	☑		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles	☑		☐	
2. Samples preserved properly	☑		☐	
3. Sufficient volume/containers recvd for analysis:	☑		☐	
4. Condition of sample	Intact			
5. Sample recvd within HT	☑		☐	
6. Dates/Times/IDs on COC match Sample Label	☑		☐	
7. VOCs have headspace	☐		☑	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____ Number of 5035 Field Kits: _____ Number of Lab Filtered Metals: _____

Test Strip Lot #s: pH 0-3 230315 pH 10-12 219813A Other: (Specify) _____ _____

Residual Chlorine Test Strip Lot #: _____

Comments

SM001
Rev. Date 05/24/17

Technician: PETERH Date: 5/20/2021 9:50:00 AM Reviewer: _____ Date: _____

5.1
5

FA85745: Chain of Custody
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MS Volatiles

QC Data Summaries

Includes the following where applicable:

- **Method Blank Summaries**
- **Blank Spike Summaries**
- **Matrix Spike and Duplicate Summaries**

Method Blank Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC5999-MB	C0148916.D	1	05/28/21	SO	n/a	n/a	VC5999

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-1, FA85745-2, FA85745-3, FA85745-4, FA85745-5, FA85745-6, FA85745-7, FA85745-8, FA85745-9, FA85745-10, FA85745-11, FA85745-12

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
75-21-8	Ethylene oxide	2.38	5300	ug/l	JN
	Total TIC, Volatile		5300	ug/l	J

Method Blank Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2197-MB	I68519.D	1	05/29/21	CV	n/a	n/a	VI2197

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-13, FA85745-14, FA85745-15, FA85745-16, FA85745-18, FA85745-20, FA85745-21, FA85745-22, FA85745-23, FA85745-24, FA85745-25, FA85745-27

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

Method Blank Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC6000-MB	C0148955.D	1	05/29/21	LR	n/a	n/a	VC6000

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-28, FA85745-29, FA85745-30, FA85745-31, FA85745-32, FA85745-33, FA85745-34, FA85745-35, FA85745-36, FA85745-37, FA85745-38, FA85745-39

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Method Blank Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A1497-MB [a]	1A35681.D	1	06/01/21	SO	n/a	n/a	V1A1497

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-13, FA85745-17, FA85745-19

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	79-125%
2037-26-5	Toluene-D8	104%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2202-MB	I68654.D	1	06/03/21	CV	n/a	n/a	VI2202

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-20, FA85745-26

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

Blank Spike Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC5999-BS	C0148914.D	1	05/28/21	SO	n/a	n/a	VC5999

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-1, FA85745-2, FA85745-3, FA85745-4, FA85745-5, FA85745-6, FA85745-7, FA85745-8, FA85745-9, FA85745-10, FA85745-11, FA85745-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.1	100	81-122
107-06-2	1,2-Dichloroethane	25	23.3	93	75-125
108-20-3	Di-Isopropyl Ether	25	20.9	84	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1320	106	55-126
64-17-5	Ethyl Alcohol	500	391	78	46-145
100-41-4	Ethylbenzene	25	24.0	96	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.6	82	71-120
1634-04-4	Methyl Tert Butyl Ether	25	20.9	84	72-117
91-20-3	Naphthalene	25	21.4	86	63-132
75-85-4	Tert-Amyl Alcohol	250	222	89	65-124
994-05-8	Tert-Amyl Methyl Ether	25	21.2	85	73-122
75-65-0	Tert-Butyl Alcohol	250	203	81	63-129
762-75-4	Tert-Butyl Formate	125	102	82	46-130
108-88-3	Toluene	25	23.2	93	80-120
1330-20-7	Xylene (total)	75	72.7	97	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2197-BS	I68516.D	1	05/28/21	CV	n/a	n/a	VI2197

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-13, FA85745-14, FA85745-15, FA85745-16, FA85745-18, FA85745-20, FA85745-21, FA85745-22, FA85745-23, FA85745-24, FA85745-25, FA85745-27

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.4	102	81-122
107-06-2	1,2-Dichloroethane	25	23.3	93	75-125
108-20-3	Di-Isopropyl Ether	25	22.4	90	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1230	98	55-126
64-17-5	Ethyl Alcohol	500	430	86	46-145
100-41-4	Ethylbenzene	25	24.7	99	81-121
637-92-3	Ethyl Tert Butyl Ether	25	21.3	85	71-120
1634-04-4	Methyl Tert Butyl Ether	25	21.5	86	72-117
91-20-3	Naphthalene	25	23.6	94	63-132
75-85-4	Tert-Amyl Alcohol	250	213	85	65-124
994-05-8	Tert-Amyl Methyl Ether	25	21.3	85	73-122
75-65-0	Tert-Butyl Alcohol	250	191	76	63-129
762-75-4	Tert-Butyl Formate	125	103	82	46-130
108-88-3	Toluene	25	23.4	94	80-120
1330-20-7	Xylene (total)	75	73.3	98	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VC6000-BS	C0148952.D	1	05/29/21	LR	n/a	n/a	VC6000

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-28, FA85745-29, FA85745-30, FA85745-31, FA85745-32, FA85745-33, FA85745-34, FA85745-35, FA85745-36, FA85745-37, FA85745-38, FA85745-39

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.9	108	81-122
107-06-2	1,2-Dichloroethane	25	25.5	102	75-125
108-20-3	Di-Isopropyl Ether	25	22.8	91	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1280	102	55-126
64-17-5	Ethyl Alcohol	500	523	105	46-145
100-41-4	Ethylbenzene	25	26.4	106	81-121
637-92-3	Ethyl Tert Butyl Ether	25	22.1	88	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.8	91	72-117
91-20-3	Naphthalene	25	23.0	92	63-132
75-85-4	Tert-Amyl Alcohol	250	225	90	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.5	90	73-122
75-65-0	Tert-Butyl Alcohol	250	210	84	63-129
762-75-4	Tert-Butyl Formate	125	104	83	46-130
108-88-3	Toluene	25	25.8	103	80-120
1330-20-7	Xylene (total)	75	78.6	105	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A1497-BS [a]	1A35679.D	1	06/01/21	SO	n/a	n/a	V1A1497

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-13, FA85745-17, FA85745-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.1	96	81-122
107-06-2	1,2-Dichloroethane	25	23.0	92	75-125
108-20-3	Di-Isopropyl Ether	25	22.4	90	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1340	107	55-126
64-17-5	Ethyl Alcohol	500	555	111	46-145
100-41-4	Ethylbenzene	25	25.3	101	81-121
637-92-3	Ethyl Tert Butyl Ether	25	21.2	85	71-120
1634-04-4	Methyl Tert Butyl Ether	25	20.1	80	72-117
91-20-3	Naphthalene	25	21.3	85	63-132
75-85-4	Tert-Amyl Alcohol	250	225	90	65-124
994-05-8	Tert-Amyl Methyl Ether	25	20.8	83	73-122
75-65-0	Tert-Butyl Alcohol	250	177	71	63-129
762-75-4	Tert-Butyl Formate	125	101	81	46-130
108-88-3	Toluene	25	24.4	98	80-120
1330-20-7	Xylene (total)	75	76.7	102	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	106%	85-112%
460-00-4	4-Bromofluorobenzene	95%	83-118%

(a) No MS/MSD available for this run.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI2202-BS	I68651.D	1	06/03/21	CV	n/a	n/a	VI2202

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-20, FA85745-26

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.4	102	81-122
107-06-2	1,2-Dichloroethane	25	22.9	92	75-125
108-20-3	Di-Isopropyl Ether	25	21.4	86	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1210	97	55-126
64-17-5	Ethyl Alcohol	500	442	88	46-145
100-41-4	Ethylbenzene	25	24.4	98	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.7	83	71-120
1634-04-4	Methyl Tert Butyl Ether	25	20.6	82	72-117
91-20-3	Naphthalene	25	20.8	83	63-132
75-85-4	Tert-Amyl Alcohol	250	213	85	65-124
994-05-8	Tert-Amyl Methyl Ether	25	20.6	82	73-122
75-65-0	Tert-Butyl Alcohol	250	189	76	63-129
762-75-4	Tert-Butyl Formate	125	90.5	72	46-130
108-88-3	Toluene	25	22.8	91	80-120
1330-20-7	Xylene (total)	75	70.7	94	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA85745-1MS	C0148937.D	50	05/28/21	SO	n/a	n/a	VC5999
FA85745-1MSD	C0148938.D	50	05/28/21	SO	n/a	n/a	VC5999
FA85745-1	C0148925.D	50	05/28/21	SO	n/a	n/a	VC5999

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-1, FA85745-2, FA85745-3, FA85745-4, FA85745-5, FA85745-6, FA85745-7, FA85745-8, FA85745-9, FA85745-10, FA85745-11, FA85745-12

CAS No.	Compound	FA85745-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	89.2		1250	1430	107	1250	1310	98	9	81-122/14
107-06-2	1,2-Dichloroethane	ND		1250	1240	99	1250	1180	94	5	75-125/14
108-20-3	Di-Isopropyl Ether	ND		1250	1110	89	1250	1030	82	7	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		62500	63000	101	62500	60100	96	5	55-126/17
64-17-5	Ethyl Alcohol	ND		25000	25500	102	25000	21700	87	16	46-145/30
100-41-4	Ethylbenzene	1240		1250	2560	106	1250	2350	89	9	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		1250	1100	88	1250	1030	82	7	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		1250	1150	92	1250	1080	86	6	72-117/14
91-20-3	Naphthalene	731		1250	1970	99	1250	1840	89	7	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		12500	11600	93	12500	10800	86	7	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		1250	1140	91	1250	1060	85	7	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		12500	10100	81	12500	9670	77	4	63-129/27
762-75-4	Tert-Butyl Formate	ND		6250	5320	85	6250	4910	79	8	46-130/33
108-88-3	Toluene	769		1250	2040	102	1250	1900	90	7	80-120/14
1330-20-7	Xylene (total)	6470		3750	10600	110	3750	9780	88	8	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA85745-1	Limits
1868-53-7	Dibromofluoromethane	102%	102%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	99%	99%	79-125%
2037-26-5	Toluene-D8	100%	100%	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	102%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA85745-19MS	I68535.D	200	05/29/21	CV	n/a	n/a	VI2197
FA85745-19MSD	I68536.D	200	05/29/21	CV	n/a	n/a	VI2197
FA85745-19 [a]	I68526.D	200	05/29/21	CV	n/a	n/a	VI2197

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-13, FA85745-14, FA85745-15, FA85745-16, FA85745-18, FA85745-20, FA85745-21, FA85745-22, FA85745-23, FA85745-24, FA85745-25, FA85745-27

CAS No.	Compound	FA85745-19 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1240		5000	6140	98	5000	6080	97	1	81-122/14
107-06-2	1,2-Dichloroethane	ND		5000	4610	92	5000	4520	90	2	75-125/14
108-20-3	Di-Isopropyl Ether	ND		5000	4460	89	5000	4360	87	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		250000	237000	95	250000	231000	92	3	55-126/17
64-17-5	Ethyl Alcohol	ND		100000	85100	85	100000	86300	86	1	46-145/30
100-41-4	Ethylbenzene	519		5000	5310	96	5000	5240	94	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		5000	4200	84	5000	4140	83	1	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		5000	4260	85	5000	4180	84	2	72-117/14
91-20-3	Naphthalene	ND		5000	4550	91	5000	4570	91	0	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		50000	43100	86	50000	43300	87	0	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		5000	4180	84	5000	4140	83	1	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		50000	37600	75	50000	37500	75	0	63-129/27
762-75-4	Tert-Butyl Formate	ND		25000	18700	75	25000	18600	74	1	46-130/33
108-88-3	Toluene	3680		5000	8260	92	5000	8170	90	1	80-120/14
1330-20-7	Xylene (total)	7070		15000	21100	94	15000	20900	92	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA85745-19	Limits
1868-53-7	Dibromofluoromethane	100%	100%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	101%	103%	79-125%
2037-26-5	Toluene-D8	102%	101%	98%	85-112%
460-00-4	4-Bromofluorobenzene	100%	99%	98%	83-118%

(a) Confirmation run.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA85742-10MS	C0148975.D	1	05/29/21	LR	n/a	n/a	VC6000
FA85742-10MSD	C0148976.D	1	05/29/21	LR	n/a	n/a	VC6000
FA85742-10	C0148965.D	1	05/29/21	LR	n/a	n/a	VC6000

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-28, FA85745-29, FA85745-30, FA85745-31, FA85745-32, FA85745-33, FA85745-34, FA85745-35, FA85745-36, FA85745-37, FA85745-38, FA85745-39

CAS No.	Compound	FA85742-10 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	29.2	117	25	26.9	108	8	81-122/14
107-06-2	1,2-Dichloroethane	ND		25	27.8	111	25	25.3	101	9	75-125/14
108-20-3	Di-Isopropyl Ether	ND		25	24.6	98	25	22.4	90	9	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		1250	1390	111	1250	1310	105	6	55-126/17
64-17-5	Ethyl Alcohol	ND		500	533	107	500	500	100	6	46-145/30
100-41-4	Ethylbenzene	ND		25	27.5	110	25	25.4	102	8	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		25	24.1	96	25	22.0	88	9	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		25	24.7	99	25	22.5	90	9	72-117/14
91-20-3	Naphthalene	ND		25	23.8	95	25	21.7	87	9	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		250	250	100	250	230	92	8	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		25	24.8	99	25	22.1	88	12	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		250	280	112	250	260	104	7	63-129/27
762-75-4	Tert-Butyl Formate	ND		125	ND	0*	125	ND	0*	nc	46-130/33
108-88-3	Toluene	ND		25	27.0	108	25	24.9	100	8	80-120/14
1330-20-7	Xylene (total)	ND		75	84.7	113	75	76.9	103	10	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA85742-10	Limits
1868-53-7	Dibromofluoromethane	101%	102%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	97%	99%	79-125%
2037-26-5	Toluene-D8	100%	99%	97%	85-112%
460-00-4	4-Bromofluorobenzene	98%	98%	98%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA85745
Account: GRINCC GRI (Geological Resources Inc.)
Project: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA85781-3MS	I68666.D	20	06/03/21	CV	n/a	n/a	VI2202
FA85781-3MSD	I68667.D	20	06/03/21	CV	n/a	n/a	VI2202
FA85781-3	I68665.D	20	06/03/21	CV	n/a	n/a	VI2202

The QC reported here applies to the following samples: Method: SW846 8260D

FA85745-20, FA85745-26

CAS No.	Compound	FA85781-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		500	565	113	500	526	105	7	81-122/14
107-06-2	1,2-Dichloroethane	ND		500	513	103	500	480	96	7	75-125/14
108-20-3	Di-Isopropyl Ether	ND		500	459	92	500	449	90	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		25000	28000	112	25000	26200	105	7	55-126/17
64-17-5	Ethyl Alcohol	ND		10000	9330	93	10000	9210	92	1	46-145/30
100-41-4	Ethylbenzene	ND		500	535	107	500	501	100	7	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		500	463	93	500	438	88	6	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		500	451	90	500	437	87	3	72-117/14
91-20-3	Naphthalene	ND		500	468	94	500	443	89	5	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		5000	4790	96	5000	4600	92	4	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		500	462	92	500	437	87	6	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		5000	4110	82	5000	4020	80	2	63-129/27
762-75-4	Tert-Butyl Formate	ND		2500	1910	76	2500	1870	75	2	46-130/33
108-88-3	Toluene	ND		500	492	98	500	467	93	5	80-120/14
1330-20-7	Xylene (total)	ND		1500	1550	103	1500	1460	97	6	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA85781-3	Limits
1868-53-7	Dibromofluoromethane	97%	98%	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	102%	103%	79-125%
2037-26-5	Toluene-D8	100%	100%	98%	85-112%
460-00-4	4-Bromofluorobenzene	97%	98%	96%	83-118%

* = Outside of Control Limits.

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 FAX: 407-425-0707
www.sgs.com/ehsusa

FED-EX Tracking # 506[illegible] 4507 7788 | Bottle Order Control # None
SGS Quote # | SGS Job # FA85745

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
Street Address: 4405 Vineland Rd, Suite C-15	Street:	Billing Information (if different from Report to)	
City: Orlando State: FL Zip: 32811	City: State:	Company Name:	
Project Contact: muna.mohammed@sgs.com E-mail:	Project #	Street Address:	
Phone #: 407-425-6700 Fax #	Client Purchase Order #	City: State: Zip:	
Sampler(s) Name(s): KPDJ Phone	Project Manager	Attention:	

SGS Sample #	Field ID / Point of Collection	MEOH+DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	GRAINS	LAB USE ONLY
45	08825 MW-36I (15-20')		5/17/21	10:25:00 AM	KPDJ	SO	1					1				X	D41 T4
46	08825 MW-37I (15-20')		5/17/21	11:25:00 AM	KPDJ	SO	1					1				X	
47	08825 MW-38I (15-20')		5/17/21	12:20:00 PM	KPDJ	SO	1					1				X	
48	08825 MW-39I (15-20')		5/17/21	1:30:00 PM	KPDJ	SO	1					1				X	

Turnaround Time (Business days) | Data Deliverable Information | Comments / Special Instructions

Approved By (SGS PM) / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [x] other Due 5/27/2021

Emergency & Rush TIA data available via Lablink. Approval needed for RUSH/Emergency TAT.

INITIAL ASESSMENT 3A SPDJ
LABEL VERIFICATION

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [x] [illegible]

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

SGS-NJ

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	5/21/21 17:00	1 FedEx	2 FedEx	5/22/21 930	2 [signature]
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not intact	Preserved where applicable / Therm ID:	On Ice	Cooler Temp.
5		5				A	3-C

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SGS Sample Receipt Summary

Job Number: FA85745 **Client:** _____ **Project:** _____

Date / Time Received: 5/22/2021 9:30:00 AM **Delivery Method:** Fed Ex **Airbill #'s:** 5061 4507 7788

Cooler Temps (Raw Measured) °C: Cooler 1: (3.6);

Cooler Temps (Corrected) °C: Cooler 1: (2.9);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 212820 pH 12+: 203117A Other: (Specify) _____ _____

Comments

SM089-03
Rev. Date 12/7/17

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FA85745: Chain of Custody
Page 2 of 2

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: FA85745
Account: ALSE - SGS Orlando, FL
Project: GRINCC: Lenoir Store; 3240 Horatio Haggard Rd, Horatio, SC

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
% Gravel	GP33959/GN18885	JD25473-7	%	26.3	22.5	15.3	0-41%
% Sand	GP33959/GN18885	JD25473-7	%	38.7	42.0	8.1	0-16%
% Silt, Clay, Colloids	GP33959/GN18885	JD25473-7	%	35.0	35.5	1.4	0-40%
0.0015 mm (Hydrometer)	GP33959/GN18885	JD25473-7	%	11	11.0	0.0	0-45%
0.005 mm (Hydrometer)	GP33959/GN18885	JD25473-7	%	16	16.0	0.0	0-48%
0.030 mm (Hydrometer)	GP33959/GN18885	JD25473-7	%	29	29.3	0.0	0-36%
0.375 Inch Sieve	GP33959/GN18885	JD25473-7	%	84.1	88.6	5.2	0-14%
0.75 Inch Sieve	GP33959/GN18885	JD25473-7	%	92.0	100	8.9	0-9%
1.5 Inch Sieve	GP33959/GN18885	JD25473-7	%	100	100	0.0	0-20%
3 Inch Sieve	GP33959/GN18885	JD25473-7	%	100	100	0.0	0-20%
No.10 Sieve (2.00 mm)	GP33959/GN18885	JD25473-7	%	64.7	67.6	4.3	0-14%
No.100 Sieve (0.15 mm)	GP33959/GN18885	JD25473-7	%	39.9	40.5	1.6	0-31%
No.16 Sieve (1.18 mm)	GP33959/GN18885	JD25473-7	%	63.9	66.7	4.3	0-17%
No.200 Sieve (0.075 mm)	GP33959/GN18885	JD25473-7	%	35.0	35.5	1.4	0-40%
No.30 Sieve (0.60 mm)	GP33959/GN18885	JD25473-7	%	61.6	64.3	4.2	0-21%
No.4 Sieve (4.75 mm)	GP33959/GN18885	JD25473-7	%	73.7	77.5	4.9	0-13%
No.50 Sieve (0.30 mm)	GP33959/GN18885	JD25473-7	%	55.2	57.3	3.8	0-30%
No.8 Sieve (2.36 mm)	GP33959/GN18885	JD25473-7	%	86.3	69.1	4.1	0-14%

Associated Samples:
Batch GP33959: FA85745-45, FA85745-46, FA85745-47, FA85745-48
(*) Outside of QC limits

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APPENDIX I

Field Data Information Sheets

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Tom Knight	Field Personnel: Kyle Perry / DJ Johnson

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-1	14.49	4.5-14.5	–	6.55	–	Y	N	Cracked	0/2	N
MW-2	14.38	5-15	–	6.16	–	Y	N	Y	0/2	N
MW-3	13.82	4-14	–	5.53	–	Y	N	Y	0/2	Y
MW-4	12.17	2-12	–	7.09	–	Y	N	buried	0/3	N
MW-5	12.26	2-12	–	5.69	–	Y	N	buried	0/2	Y
MW-6	12.05	2-12	–	4.83	–	Y	N	Y	3/3	N
MW-7	NF	2-12	–	–	–	–	–	–	–	NF
MW-8	NF	3-13	–	–	–	–	–	–	–	NF
MW-9	12.33	2-12	–	5.39	–	Y	N	buried	1/3	N
MW-10	12.18	2-12	–	5.37	–	Y	N	Y	1/3	N
MW-11	11.93	2-12	–	4.45	–	Y	N	buried	2/3	N
MW-12	12.59	3-13	–	3.97	–	Y	N	Y	0/3	N
MW-13	11.62	2-12	–	4.36	–	Y	N	Y	1/3	N

Notes: MW-7 + MW-8 = not found

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Tom Knight	Field Personnel: Kyle Perry / DJ Johnson

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-14	11.08	7-12	–	3.43	–	Y	N	buried	1/3	N
MW-15	13.35	3-13	–	4.84	–	Y	N	Y	2/3	N
MW-16	NF	3-13	–	–	–	–	–	–	–	NF
MW-17	11.54	3-13	–	5.62	–	Y	N	buried	2/3	N
MW-18	13.16	3-13	–	5.99	–	Y	N	Y	2/2	N
MW-19	13.09	4-14	–	4.67	–	Y	N	Y	0/2	Y
MW-20	13.73	4-14	–	5.86	–	Y	N	cracked	1/2	Y
MW-21	NF	4-14	–	–	–	–	–	–	–	NF
MW-22	NF	4-14	–	–	–	–	–	–	–	NF
MW-23	13.50	4-14	–	6.87	–	Y	N	buried	0/2	Y
MW-24	13.44	4-14	–	5.93	–	Y	N	buried	1/2	Y
MW-25	NF	4.5-14.5	–	–	–	–	–	–	–	NF
MW-26	NF	5-15	–	–	–	–	–	–	–	NF

Notes: MW-16 = not found / MW-21 + MW-22 = not found due to overgrown vegetation / MW-25 + MW-26 = not found

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Tom Knight	Field Personnel: Kyle Perry / DJ Johnson

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-27	14.58	5-15	–	7.06	–	Y	N	cracked	1/3	N
MW-28	13.58	5-15	–	7.31	–	Y	N	buried	0/3	N
MW-29	12.94	4-14	–	3.12	–	Y	N	buried	0/3	N
MW-30	13.57	4-14	–	3.93	–	Y	N	buried	1/3	N
MW-31	14.57	5-15	–	4.29	–	Y	N	cracked	2/3	N
MW-32	NF	5-15	–	–	–	–	–	–	–	NF
MW-33	13.09	5-15	–	4.13	–	Y	N	Y	3/3	N
MW-34	NA	5-15	–	–	–	–	–	–	–	NA
MW-35	NA	3-13	–	–	–	–	–	–	–	NA
MW-36I	19.12	15-20	–	6.10	–	Y	N	Y	2/2	N
MW-37I	19.76	15-20	–	6.60	–	Y	N	Y	2/2	N
MW-38I	19.82	15-20	–	6.87	–	Y	N	Y	2/2	N
MW-39I	18.86	15-20	–	7.17	–	Y	N	Y	2/2	N

Notes: MW-32 = not found / MW-34 & 35 = not accessible - wells are behind a locked fence.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store
County: Sumter	Project Manager: Tom Knight	Field Personnel: Kyle Perry / DJ Johnson

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
~~MW-401~~										
TW-1	40.05	36-41	-	6.75	-	Y	N	Y	0/3	N
TW-2	36.30	33-38	-	5.44	-	Y	N	cracked	1/3	Y
TW-3	39.72	35-40	-	7.33	-	Y	N	buried	0/3	Y
RW-1	19.41	5-20	-	6.70	-	Y	N	Y	0/3	Y
RW-2	19.55	5-20	-	6.43	-	Y	N	Y	0/3	N

Notes: _____

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	160300048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4.5 to 14.5	Total Well Depth (TWD) (ft.): 14.49	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.55	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.94	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1246							
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time: ~~1238~~ 1247	Duplicate: (Y) or N	If yes, Duplicate Time: 1200

Notes: Sheen/odor - no parameters taken
No Purge

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15		Total Well Depth (TWD) (ft.): 14.58
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.16		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 8.22	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1705							
PH (s.u.)	5.77							
Specific Conductivity (µS/cm)	73.0							
Water Temperature (°C)	19.13							
Turbidity (NTU)	69.3							
Dissolved Oxygen (mg/L)	8.15							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1706	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-3	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.82
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.53	Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 8.29	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):
		5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1613							
PH (s.u.)	4.66							
Specific Conductivity (µS/cm)	46.0							
Water Temperature (°C)	18.60							
Turbidity (NTU)	87.9							
Dissolved Oxygen (mg/L)	2.46							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1614	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12.17
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.09		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 5.08	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1625							
PH (s.u.)	4.95							
Specific Conductivity (µS/cm)	42.0							
Water Temperature (°C)	19.17							
Turbidity (NTU)	77.1							
Dissolved Oxygen (mg/L)	2.68							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1626	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12.26	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.69	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 6.57	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1319							
PH (s.u.)	4.97							
Specific Conductivity (µS/cm)	27.0							
Water Temperature (°C)	19.38							
Turbidity (NTU)	86.1							
Dissolved Oxygen (mg/L)	7.71							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1320	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12.05	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.83	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.22	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1330							
PH (s.u.)	4.46							
Specific Conductivity (µS/cm)	19.0							
Water Temperature (°C)	19.63							
Turbidity (NTU)	42.2							
Dissolved Oxygen (mg/L)	3.45							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1331	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-7	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not found

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-8	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.):

Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Found

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-9	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12.33
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.39	Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 6.94	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):
		5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1349							
PH (s.u.)	5.05							
Specific Conductivity (µS/cm)	48.0							
Water Temperature (°C)	19.35							
Turbidity (NTU)	75.4							
Dissolved Oxygen (mg/L)	2.35							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1350	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-10	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 12.18	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.37	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 6.81	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1358							
PH (s.u.)	5.30							
Specific Conductivity (µS/cm)	36.0							
Water Temperature (°C)	18.79							
Turbidity (NTU)	91.1							
Dissolved Oxygen (mg/L)	4.21							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1359	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-11	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 11.93	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.45	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.48	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1419							
PH (s.u.)	5.01							
Specific Conductivity (µS/cm)	54.0							
Water Temperature (°C)	18.40							
Turbidity (NTU)	152.4							
Dissolved Oxygen (mg/L)	2.14							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1420	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-12	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 12.59
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.97		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 8.62	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1405							
PH (s.u.)	5.11							
Specific Conductivity (µS/cm)	36.0							
Water Temperature (°C)	19.05							
Turbidity (NTU)	109.6							
Dissolved Oxygen (mg/L)	1.77							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1409	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-13	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 11.62	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.36	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.26	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1431							
PH (s.u.)	4.93							
Specific Conductivity (µS/cm)	35.0							
Water Temperature (°C)	18.40							
Turbidity (NTU)	93.5							
Dissolved Oxygen (mg/L)	3.79							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1432	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-14	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 2 to 12	Total Well Depth (TWD) (ft.): 11.08	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.43	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.65	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1442							
PH (s.u.)	4.50							
Specific Conductivity (µS/cm)	47.0							
Water Temperature (°C)	18.54							
Turbidity (NTU)	128.2							
Dissolved Oxygen (mg/L)	1.56							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1443	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-15	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.): 13.35
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.84	Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 8.51	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals): / 5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1553							
PH (s.u.)	4.53							
Specific Conductivity (µS/cm)	90.6							
Water Temperature (°C)	18.28							
Turbidity (NTU)	71.3							
Dissolved Oxygen (mg/L)	2.75							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1554	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-16	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: not found

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-17	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.): 11.54
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.62	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):
5.92			—

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1308							
PH (s.u.)	5.67							
Specific Conductivity (µS/cm)	59.0							
Water Temperature (°C)	70.58							
Turbidity (NTU)	221.7							
Dissolved Oxygen (mg/L)	4.68							

Sampling Data

Sampled By:	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:
Kyle Perry	1309		

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-18	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13		Total Well Depth (TWD) (ft.): 13.16
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.99		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.17	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1257							
PH (s.u.)	4.94							
Specific Conductivity (µS/cm)	48.0							
Water Temperature (°C)	20.79							
Turbidity (NTU)	84.5							
Dissolved Oxygen (mg/L)	3.98							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1258	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-19	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.09
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.67	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):
8.42			—

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1544							
PH (s.u.)	4.60							
Specific Conductivity (µS/cm)	63.0							
Water Temperature (°C)	17.49							
Turbidity (NTU)	174.0							
Dissolved Oxygen (mg/L)	2.55							

Sampling Data

Sampled By:	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:
Kyle Perry	1545		

Notes: No Purge

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/Cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-20	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.73	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.86	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.87	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1714							
PH (s.u.)	5.72							
Specific Conductivity (µS/cm)	102.0							
Water Temperature (°C)	20.76							
Turbidity (NTU)	74.0							
Dissolved Oxygen (mg/L)	2.81							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1715	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-21	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: not found -

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 03~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-72	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals): / 5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not found

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-23	2"		X Bailer ___Pump

X MW ___IW ___RW ___Other ___ ___Private WSW ___Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.50
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.87	Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 6.63	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):
		5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1604							
PH (s.u.)	4.72							
Specific Conductivity (µS/cm)	44.0							
Water Temperature (°C)	19.38							
Turbidity (NTU)	111.7							
Dissolved Oxygen (mg/L)	1.38							

Sampling Data

Sampled By:	Sampling Time: ~~1545~~ 1605	Duplicate: Y or (N)	If yes, Duplicate Time:
Kyle Perry			

Notes: No Purge.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 85~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-24	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.44	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.93	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 7.51	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1227							
PH (s.u.)	6.05							
Specific Conductivity (µS/cm)	119.0							
Water Temperature (°C)	19.77							
Turbidity (NTU)	117.2							
Dissolved Oxygen (mg/L)	2.79							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1238	Duplicate: (Y) or N	If yes, Duplicate Time: 1201

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 85~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-25	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4.5 to 14.5	Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals): / 5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Found

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	18100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-26	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.):

Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Found.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-27	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 14.58
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.06	Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.52	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):
		5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1636							
PH (s.u.)	5.32							
Specific Conductivity (µS/cm)	58.0							
Water Temperature (°C)	19.03							
Turbidity (NTU)	82.6							
Dissolved Oxygen (mg/L)	2.47							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1637	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-28	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 13.58
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.31	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):
6.27			—

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)	1340							
PH (s.u.)	4.78							
Specific Conductivity (µS/cm)	58.0							
Water Temperature (°C)	20.46							
Turbidity (NTU)	78.8							
Dissolved Oxygen (mg/L)	3.69							

Sampling Data

Sampled By:	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:
Kyle Perry	1341		

Notes: No Purge.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-29	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 17.94	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.12	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 9.82	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	0952	0955	0958					
PH (s.u.)	5.84	5.59	5.43					
Specific Conductivity (µS/cm)	76.0	75.0	73.0					
Water Temperature (°C)	19.55	17.89	17.05					
Turbidity (NTU)	122.5	1000+	1000+					
Dissolved Oxygen (mg/L)	1.50	2.51	3.12					

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 0959	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4.0 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-30	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 4 to 14	Total Well Depth (TWD) (ft.): 13.57	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 3.93	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 9.64	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	1010	1013						
PH (s.u.)	5.37	5.00						
Specific Conductivity (µS/cm)	33.0	31.0						
Water Temperature (°C)	19.87	18.47						
Turbidity (NTU)	106.2	1000+						
Dissolved Oxygen (mg/L)	1.46	2.34						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1014	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 2.25 gal. Limited Volume.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-31	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 14.57	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.29	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 10.28	1 casing volume (CV=LWC*C)(gals): 1.75	3 casing volumes 3*CV)(gals): 5.25	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.75	3.50	5.25				
Time (military)	1024	1027						
PH (s.u.)	5.28	4.94						
Specific Conductivity (µS/cm)	45.0	45.0						
Water Temperature (°C)	18.36	16.91						
Turbidity (NTU)	102.7	723.1						
Dissolved Oxygen (mg/L)	1.67	2.72						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1028	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 2.75 gal. Limited Volume.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
La~~Motte~~ (Turbidity) Hach 2100Q	160300048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-32	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Found.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI-556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-33	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ ___Private WSW ___Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.): 13.09	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 4.13	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 8.96	1 casing volume (CV=LWC*C)(gals): 1.50	3 casing volumes 3*CV)(gals): 4.50	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.50	3.0	4.50				
Time (military)	1040	1043						
PH (s.u.)	5.28	5.02						
Specific Conductivity (µS/cm)	35.0	37.0						
Water Temperature (°C)	18.23	17.17						
Turbidity (NTU)	137.5	1000+						
Dissolved Oxygen (mg/L)	1.19	7.39						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1044	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 2.50 gal. Limited Volume.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-34	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 5 to 15	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Accessible - well behind locked fence

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-35	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 3 to 13	Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals): / 5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Not Accessible - well behind locked fence.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-36I	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 20	Total Well Depth (TWD) (ft.): 19.12	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.10	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 13.02	1 casing volume (CV=LWC*C)(gals): 7.0	3 casing volumes 3*CV)(gals): 6.0	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	7.0	4.0	6.0				
Time (military)	0934	0937	0941	0945				
PH (s.u.)	5.74	5.57	5.51	5.48				
Specific Conductivity (µS/cm)	77.0	72.0	73.0	77.0				
Water Temperature (°C)	20.77	19.35	19.25	19.79				
Turbidity (NTU)	92.7	1000+	1000+	1000+				
Dissolved Oxygen (mg/L)	2.85	3.62	2.72	2.74				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 0946	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-37I	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 20	Total Well Depth (TWD) (ft.): 19.76
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.60	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):
13.16	2.0	6.0	—

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	2.0	4.0	6.0				
Time (military)	0905	0909						
PH (s.u.)	5.43	5.31						
Specific Conductivity (µS/cm)	57.0	55.0						
Water Temperature (°C)	19.38	18.97						
Turbidity (NTU)	87.3	1000+						
Dissolved Oxygen (mg/L)	3.26	3.63						

Sampling Data

Sampled By:	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:
Kyle Perry	0910		

Notes: Dry @ 2.25 gal. Limited Volume.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
MW-38I	2"		X Bailer ___ Pump

X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 20	Total Well Depth (TWD) (ft.): 19.82
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.87	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):
12.95	7.0	6.0	—

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	7.0	4.0	6.0				
Time (military)	0823	0827						
PH (s.u.)	5.44	5.66						
Specific Conductivity (µS/cm)	66.0	64.0						
Water Temperature (°C)	20.22	19.15						
Turbidity (NTU)	113.7	561.8						
Dissolved Oxygen (mg/L)	3.34	3.55						

Sampling Data

Sampled By:	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:
Kyle Perry	0828		

Notes: Dry @ 2.25 gal. Limited volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: MW-39I	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 20	Total Well Depth (TWD) (ft.): 18.86	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.17	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 11.69	1 casing volume (CV=LWC*C)(gals): 1.75	3 casing volumes 3*CV)(gals): 5.25	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	1.75	3.50	5.25				
Time (military)	0803	0806	0809	0812				
PH (s.u.)	5.75	5.32	4.84	4.69				
Specific Conductivity (µS/cm)	42.0	38.0	38.0	38.0				
Water Temperature (°C)	19.21	18.51	19.21	18.78				
Turbidity (NTU)	115.2	1000+	1000+	1000+				
Dissolved Oxygen (mg/L)	2.56	2.31	3.54	4.36				

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 0813	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
TW-1	2"		X Bailer X Pump

___MW ___IW ___RW X Other TW=Telescoping well ___Private WSW ___Public WSW	Screened Interval (ft.): 36 to 41	Total Well Depth (TWD) (ft.): 40.05
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.75	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):
33.30	5.25	15.75	—

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	5.25	10.50	15.75				
Time (military)	0846	0854						
PH (s.u.)	6.01	5.99						
Specific Conductivity (µS/cm)	56.0	58.0						
Water Temperature (°C)	20.48	20.71						
Turbidity (NTU)	531.8	171.5						
Dissolved Oxygen (mg/L)	6.21	5.73						

Sampling Data

Sampled By:	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:
Kyle Perry	0855		

Notes: Dry @ 5.75 gal. Limited Volume.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny/cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID:	Well Diameter (ft.):	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection:
TW-2	2"		X Bailer X Pump

___MW ___IW ___RW X Other TW=Telescoping well ___Private WSW ___Public WSW	Screened Interval (ft.): 33 to 38	Total Well Depth (TWD) (ft.): 36.30
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 5.44	Free Product Thickness (ft.): —

Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):
30.86	5.0	15.0	—

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	5.0	10.0	15.0				
Time (military)	0933	0930						
PH (s.u.)	6.24	6.49						
Specific Conductivity (µS/cm)	127.0	132.0						
Water Temperature (°C)	21.29	21.23						
Turbidity (NTU)	340.7	123.1						
Dissolved Oxygen (mg/L)	3.41	3.92						

Sampling Data

Sampled By:	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:
Kyle Perry	0931		

Notes: Dry @ 5.25 gal - Limited Volume.

Signature: Kyle Perry

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/19/2021	Site ID #: 08875	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: TW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer X Pump
___MW ___IW ___RW X Other TW=Telescoping well ___Private WSW ___Public WSW	Screened Interval (ft.): 35 to 40		Total Well Depth (TWD) (ft.): 39.72
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 7.33		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 32.39	1 casing volume (CV=LWC*C)(gals): 5.25	3 casing volumes 3*CV)(gals): 15.75	5 casing volumes (5*CV)(gals). —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.25	5.25	10.50	15.75				
Time (military)	0753	0801						
PH (s.u.)	6.37	6.03						
Specific Conductivity (µS/cm)	67.0	66.0						
Water Temperature (°C)	20.33	20.40						
Turbidity (NTU)	719.2	265.8						
Dissolved Oxygen (mg/L)	3.06	2.63						

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 0802	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ First Volume

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: RW-1	Well Diameter (ft.): 4"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
___MW ___IW X RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 5 to 20	Total Well Depth (TWD) (ft.): 19.41	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.70	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 12.71	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.50							
Time (military)	1645							
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1646	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Sheen/odor - no parameters taken. No Purge.

Signature: Kyle Perry

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 05/18/2021	Site ID #: 08825	Site Name: Lenoir Store	Field Personnel: Kyle Perry / DJ Johnson
County: Sumter	Project Manager: Tom Knight	General Weather Conditions: Sunny / cloudy	Ambient Air Temp (°F): 55-85°

Quality Assurance

Meter Name	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 55~~ (Dissolved Oxygen) YSI 556		Y or N			
~~LaMotte~~ (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: (Y) or N	1.0 NTU: (Y) or N	10.0 NTU: (Y) or N	

Well Information

Well ID: RW-2	Well Diameter (ft.): 4"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
___MW ___IW X RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): 5 to 20	Total Well Depth (TWD) (ft.): 19.55	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 6.43	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 13.12	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals): —

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	.50							
Time (military)	1654							
PH (s.u.)	5.43							
Specific Conductivity (µS/cm)	75.0							
Water Temperature (°C)	20.43							
Turbidity (NTU)	89.5							
Dissolved Oxygen (mg/L)	2.12							

Sampling Data

Sampled By: Kyle Perry	Sampling Time: 1655	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: No Purge.

Signature: Kyle Perry

APPENDIX J

Contractor Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?	X		
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	X		
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?	X		
9	Are the receptor survey results provided as required?	X		
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?	X		
12	Has the primary soil type been described?	X		
13	Have field screening results been described? (Soil)	X		
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed? (Soil)	X		
16	Has the monitoring well installation and development dates been provided?	X		
17	Has the method of well development been detailed?	X		
18	Has justification been provided for the locations of the monitoring wells?	X		
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	X		
20	Has the groundwater sampling methodology been detailed?	X		
21	Have the groundwater sampling dates and groundwater measurements been provided?	X		
22	Has the purging methodology been detailed?	X		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	X		
24	If free-product is present, has the thickness been provided?			X
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	X		
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?	X		
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	X		
40	Has the site potentiometric map been provided? (Figure 5)	X		
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)		X	
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements? (Appendix C)	X		
47	Have the soil boring/field screening logs been provided? (Appendix D)	X		
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)	X		
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)	X		
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information.

44. Samples for EDB (Method 504.1) were collected from water supply wells WSW-2 and WSW-7. The associated duplicate sample and water supply well field blank for this analyses were also submitted. However, the laboratory notified that they could not locate those sample vials after the sample coolers had been received. Neither could they locate the trip blank associated with the water supply well samples. Therefore, there were no results reported for those samples.

dhec
Healthy People. Healthy Communities.

AUG 19 2021

UST 104 Tech DOCKETING

CARRIE B LENOIR
3240 HORATIO HAGOOD RD
HORATIO SC 29062-0156

Re: **Site Specific Work Plan for Additional Assessment**
Lenoir Store, 3240 Horatio Hagood Rd, Horatio
UST Permit #08825
Release reported June 29, 1993
Groundwater Assessment Report received August 4, 2021
Sumter County

Dear Ms. Lenoir:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the groundwater above Risk-Based Screening Levels. To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina UST Control Regulations R.61-92, implementation of additional assessment is necessary.

The next appropriate scope of work is to find and/or replace monitoring wells not located that are needed for plume definition, repair wells as needed including replacement of bolts, conduct additional assessment to define the plume in high permeability units especially towards water supply wells. Specific recommendations are as follows:

- Install MW-40I.
- Slug test MW-39I.
- Resample the recently installed wells, water supply wells and wells with recent detections. Please use a purge method to sample all monitoring wells.
- Conduct additional assessment in the intermediate zone as needed to fully define the movement in higher permeability zones laterally. Note the permeability differences within this zone. Would field screening in this unit be helpful?
- Consider the need to install some wells or screening samples in the flowing sands to evaluate the potential for migration in this unit. PID readings are noted.
- Consider the abandonment of out of use water supply wells.
- Please gauge wells not being sampled and develop potentiometric maps for each hydrologic interval.
- Please evaluate the need for additional slug tests when purging wells. Please target those wells that recharge more quickly for additional tests as needed. Additional slug tests of existing and newly installed deep wells maybe appropriate.
- Consider zones of higher permeability as the primary dissolved migration pathways including thin permeable sand zones. Consider the rate of filling of purge wells as an indicator of relative permeability in wells.

- Consider revising the site conceptual model of plume migration including back diffusion processes and geologic control of dissolved plume migration. Additional cross sections maybe helpful with the additional soil borings.

The assessment must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the UST QAPP is available atscdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

Your contractor must submit the Site Specific Work Plan and Cost Proposal within 30 days from the date of this letter. The Proposed location of wells and borings should consider the presence of existing underground structures, utilities, piping, etc. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins**.

On all correspondence regarding this site, please reference UST Permit # 08825. If there are any questions concerning this project, please contact me at (803) 898-0601 or by email at knightbt@dhec.sc.gov.

Sincerely,

Tom Knight, P.G., Hydrogeologist
Assessment & Non-Permitted Petroleum Section
UST Management Division
Bureau of Land and Waste Management

cc: Geological Resources Inc., 3502 Hayes Road, Monroe, NC 28110
Technical File

Geological Resources, Inc.

November 8, 2021

RECEIVED
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UST DIVISION

UST 105 DOCKETING

Mr. Tom Knight
South Carolina Department of Health
And Environmental Control
Underground Storage Tank Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Re: GRI Proposal No. 21-533
Site Specific Work Plan
Lenoir Store
3240 Horatio Hagood Road
Horatio, Sumter County
UST Permit No. 08825
GRI Project No. 2001

Dear Mr. Knight:

Attached is a Site-Specific Work Plan for approved ACQAP and the associated Assessment Component Cost Agreement for the above referenced site in Horatio, Sumter County, South Carolina. Since municipal water is available in the area and several water supply wells are no longer in use, only limited additional assessment is proposed.

Receptors

Water supply wells (WSW) 1,3,4,6 & 9 are out of service. WSW-2 and 7 are used for potable purposes. WSW-8 use is located inside a locked fence and the use is unknown. The use of WSW-8 should be determined. Attempts should be made to connect the properties containing WSW-2, 7 and 8 (if potable use) to the municipal supply. Attempts should be made to abandon all water supply wells which are not in use or not used for potable purposes.

Subsurface Lithology

Field descriptions in MW-36I, 37I, 38I & 39I (screened 15-20') are pretty consistent; "clay" (and/or silt from previous nearby well installations) to 10-14' depth, then sand and gravel (grain size analyses show consistently "clayey, fine to medium sand"). Field descriptions for MW-26, 27, 28 (screened 5-15'): silt to

3502 Hayes Road • Monroe, North Carolina 28110
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

7 or 8', then coarse sand; MW-34 & 35 (screened 5-15' and 3-13', respectively): silt and fine sand to 10-12', then coarse sand.

Site Hydrology

Ground water flow is generally toward northwest and west, though highly variable over smaller distances. Slug tests generally show higher seepage velocities in the intermediate wells that in the shallow or telescoping wells.

Contaminant Distribution

Over the last 2 years, COCs and oxygenates have only been reported at concentrations exceeding the RBSLs or Action Levels in the following monitoring wells: MW-1, 4, 15, 20, 24, 25, 27, 28, 36I, 38I, RW-1, and RW-2. In general, contaminant concentrations are highest near the original source area and at shallower depths. Typically, the contaminant concentrations in the paired intermediate wells are much lower or undetectable in comparison with their paired shallow wells. COCs and oxygenates have never been reported above RBSLs or Action Levels in the telescoping wells. It appears that the bulk of the contaminant mass is located from the water table to a depth of about 15'. The higher conductivity zones below this depth have probably resulted in any dissolved contaminants getting to that depth being "flushed out". Several important MWs are either missing (MW-7, 8, 16, 21, 22, 25, 26, and 32) or located inside the locked fence on the property containing WSW-8 (MW-34 and 35).

Proposed Work Scope

- Contact owner of property containing WSW-8 to determine use and obtain access to sample MW-34 & 35.
- Attempt to connect properties with potable wells to municipal supply (WSW-2, 7 & possibly 8).
- Attempt to abandon water supply wells which are out of service or not used for potable purposes.
- An updated receptor survey that includes obtaining permission to abandon water supply wells and connecting users of those wells to municipal water is proposed. Once permission is granted to abandon all or some of the water supply wells, a separate ACCA will be submitted for well abandonment activities.
- Install previously approved MW-40I.
- Replace MW-16, MW-25 & MW-26; these are within contaminant plume area and needed to monitor potable water supply wells.
- Slug test MW-39I & 40I to further evaluate higher conductivity zone which appears to be just below dissolved contaminant zone.
- Install additional intermediate MWs (MW-41I & 42I) adjacent to MW-10 (protect WSW-2) and MW-23 (apparent down gradient direction).
- Survey top of casing elevations for replacement and new monitoring wells.
- Sample Type III wells 1, 2, 3, 4, 10, 14, 15, 16R, 20, 23, 24, 25R, 26R, 27, 28, 34, 35,
- Sample intermediate wells 36I, 37I, 38I, 39I, 40I, 41I, 42I,

- Sample recovery wells RW-1, 2,
- Sample telescoping wells TW-1, 2, 3
- Gauge all MWs which are not sampled
- **Please note that a site visit will be conducted prior to well installation activities to ensure that the transport trailer has moved from the area where MW-40I is to be installed and to ensure that access inside the security wall where MW-34, MW-35 and WSW-8 are located can be obtained. This property owner/occupant is typically absent from the property. A written request to the property owner may be required in order to ensure access.**

Please contact me at (704) 845-4010 or by e-mail at wsb@geologicalresourcesinc.com if you have questions or comments concerning this matter.

Sincerely,

W. Scott Ball

W. Scott Ball
Senior Project Manager

JOHN M. BROWN REGISTERED 1116 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

Jo[illegible] P.G.
License #1116

Enclosures

cc: file

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Tom Knight (SCDHEC Project Manager)
From: Scott Ball (Contractor Project Manager)
Contractor: Geological Resources, Inc. UST Contractor Certification Number: 74

Facility Name: Lenoir Store UST Permit #: 08825
Facility Address: 3240 Horatio Hagood Road, Horatio, Sumter County, SC
Responsible Party: Carrie Lenoir c/o Steve Lenoir Phone: (843) 499-4023
RP Address: 3240 Horatio Hagood Road, Horatio, Sumter County, South Carolina, 29062-0156
Property Owner (if different): NA
Property Owner Address:
Current Use of Property: Commercial - Country Store and US Post Office

Scope of Work (Please check all that apply)

- ☐ IGWA
- ☐ Tier I
- ☐ Tier II
- ☑ Monitoring Well Installation
- ☑ Groundwater Sampling
- ☑ Other Receptor Survey (abandon WSWs if possible)
- ☐ GAC

Analyses (Please check all that apply)

Groundwater/Surface Water:

- ☑ BTEXNMDCA (8260D)
- ☑ Oxygenates (8260D)
- ☑ EDB (8011)
- ☐ PAH (8270E)
- ☐ Lead
- ☐ 8 RCRA Metals
- ☐ TPH
- ☐ pH
- ☐ BOD
- ☐ Nitrate
- ☐ Sulfate
- ☐ Other
- ☐ Methane
- ☐ Ethanol
- ☐ Dissolved Iron

Drinking Water Supply Wells:

- ☐ BTEXNMDCA (524.2)
- ☐ Oxygenates & Ethanol (8260D)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☐ EDB (504.1)

Soil:

- ☐ BTEXNM
- ☐ Lead
- ☐ RCRA Metals
- ☐ PAH
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☑ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

____ Soil	____ Water Supply Wells	____ Air	2 Field Blank
29 Monitoring Wells	____ Surface Water	2 Duplicate	1 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: _____ Estimated Footage _____ feet per point
# of deep points proposed _____ Estimated Footage _____ feet per point
Field Screening Methodology _____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: 3 (MW-16, MW-25 & MW-26) Estimated Footage: 13-15 feet per point
of ~~deep~~ Intermediate wells: 3 (MW-40I, MW-41I & MW-42I) Estimated Footage: 20 feet per point
of recovery wells: _____ Estimated Footage _____ feet per point
Comments, if warranted: See SSWP Cover Letter

UST Permit #: 08825 Facility Name: Lenoir Store

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 20 days from approval of SSWP Field Work Completion: 25 days from approval of SSWP

Report Submittal: 90 days from approval of SSWP # of Copies Provided to Property Owners: 3

Aquifer Characterization

Pump Test: ☐ Slug Test: ☑ (Check one and provide explanation below for choice)

Conduct slug tests on MW-39I and MW-40I

Investigation Derived Waste Disposal

Soil: 2 Tons Purge Water: 250 Gallons

Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.

Sample monitoring wells MW-1 through MW-4, MW-10, MW-14, MW-15, MW-16R, MW-20, MW-23, MW-24, MW-25R, MW-26R, MW-27, MW-28, MW-34, MW-35, MW-36I, MW-37I, MW-38I, MW-39I, MW-40I, MW-41I, MW-42I, RW-1, RW-2, TW-1, TW-2 & TW-3. All ground water samples collected from monitoring wells will be submitted for analyses of BTEX, MTBE, naphthalene, 1,2-DCA and 8 oxygenates by Method 8260 and EDB by Method 8011. Only the newly installed monitoring wells and monitoring wells with buried screens will be purged prior to sample collection. Remaining monitoring wells not sampled will be gauged only (approximately 15). Two monitoring well samples will be duplicated. The appropriate trip blanks and field blanks will be collected/submited A receptor survey to obtain permission to abandon WSWs will be conducted. Slug tests conducted on MW-39I and MW-40I.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____

SCDHEC Certification Number: _____

Name of Laboratory Director: _____

Yes Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below

Name of Well Driller: _____

SCLLR Certification Number: _____

No Other variations from ACQAP. Please describe below.

Attachments

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
   - North Arrow
   - Location of property lines
   - Location of buildings
   - Previous soil sampling locations
   - Previous monitoring well locations
   - Proposed soil boring locations
   - Proposed monitoring well locations
   - Legend with facility name and address, UST permit number, and bar scale
   - Streets or highways (indicate names and numbers)
   - Location of all present and former ASTs and USTs
   - Location of all potential receptors
3. Assessment Component Cost Agreement, SCDHEC Form D-3664

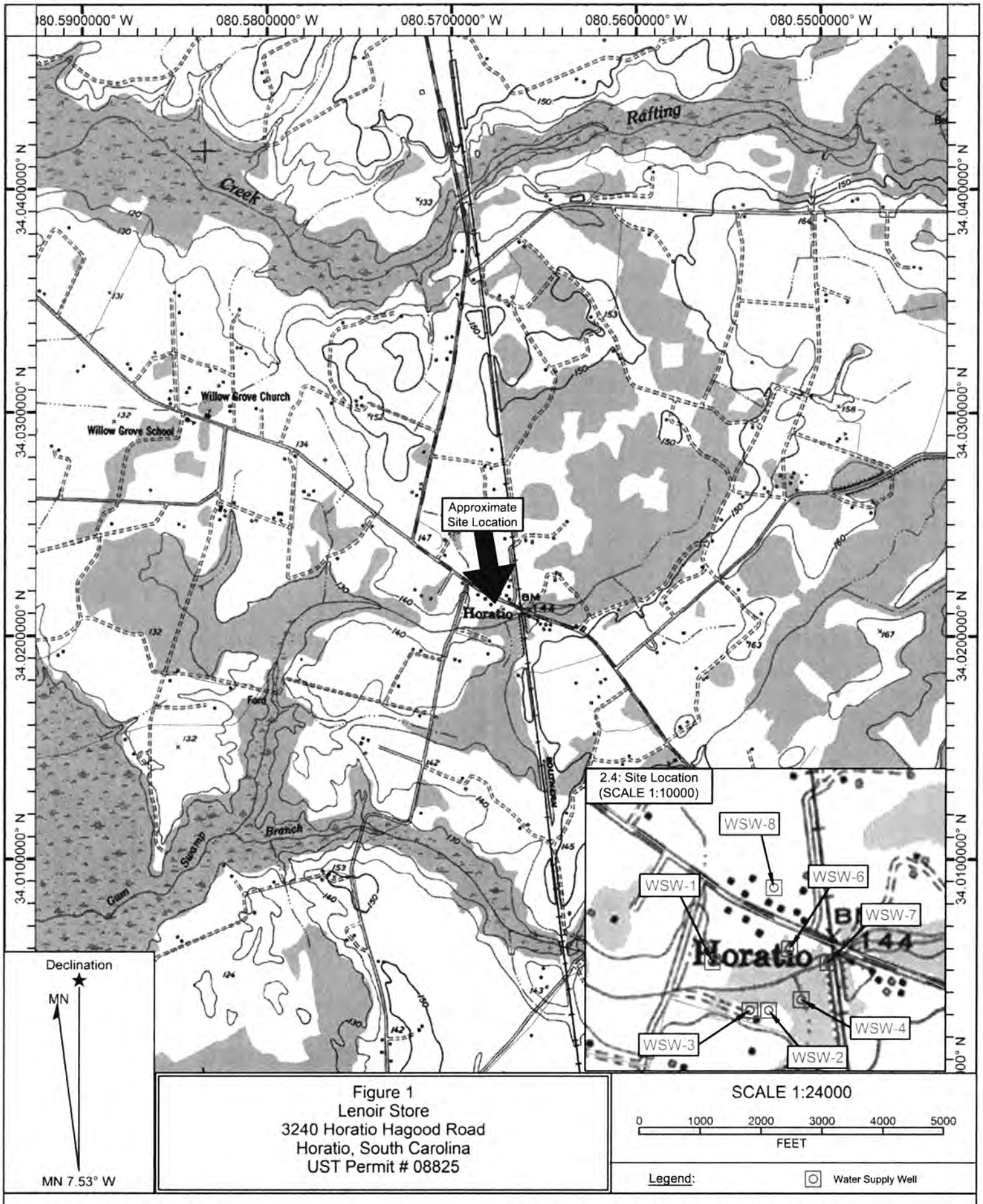


Figure 1
Lenoir Store
3240 Horatio Hagood Road
Horatio, South Carolina
UST Permit # 08825

SCALE 1:24000

0 1000 2000 3000 4000 5000
FEET

Legend: Water Supply Well

Name: Topographic Map
Date: 09/10/14
Scale: 1 inch = 2,000 ft.

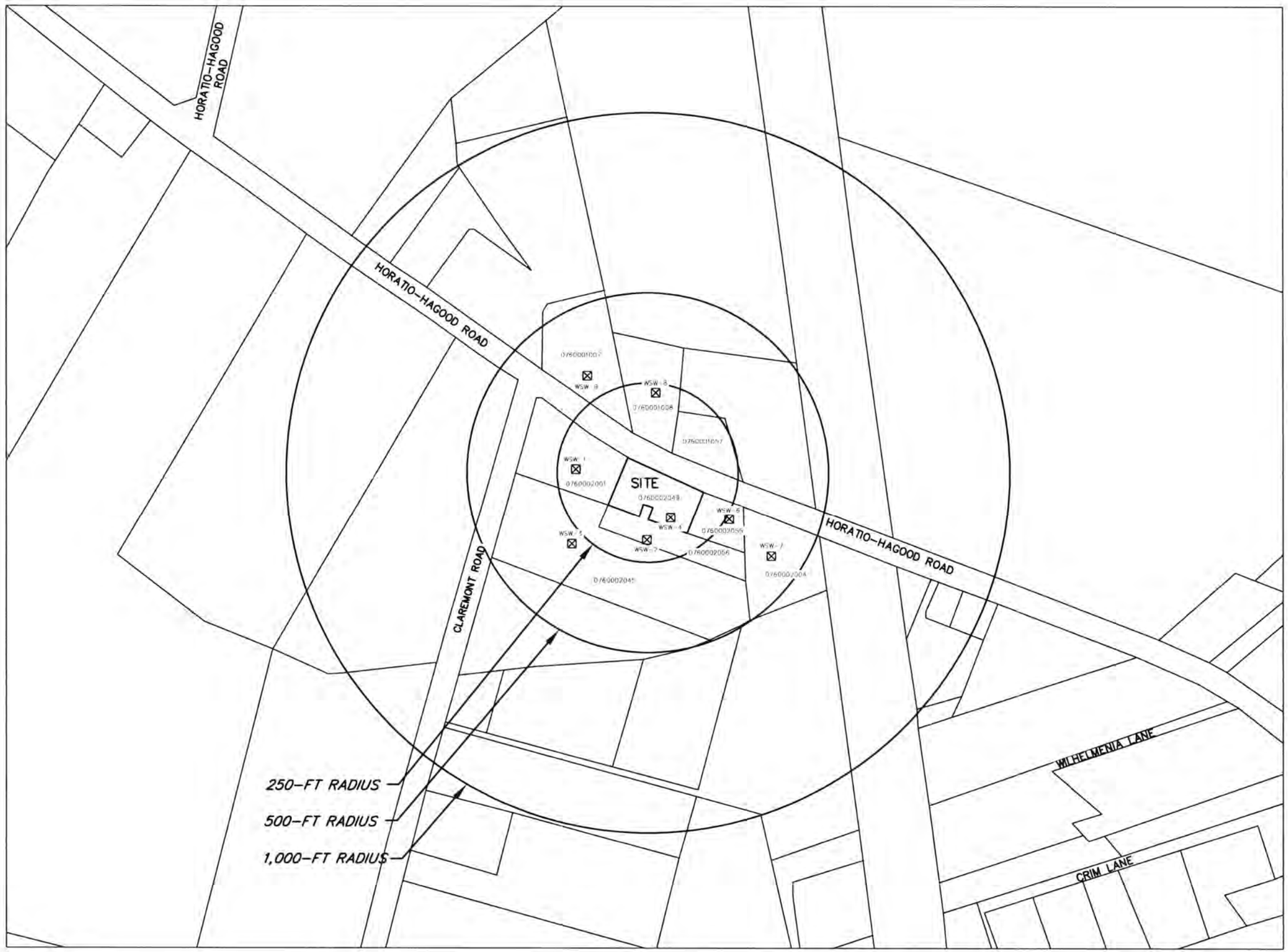
Location: 034.0216209° N 080.5678072° W

Generated by ECH at Geological Resources, Inc.

LEGEND

- SUBJECT PARCEL
- 07600020049 — SUMTER CO. PIN
- ⊠ — WATER SUPPLY WELL (WSW-1)

Note:
This map is based on data from the Sumter County GIS of SC.



Geological Resources, Inc.

0 150 300 600

(IN FEET)
1 inch = 300 ft

SITE VICINITY MAP

Lenoir Store
UST Permit. 08825
GRI Project No. 2001

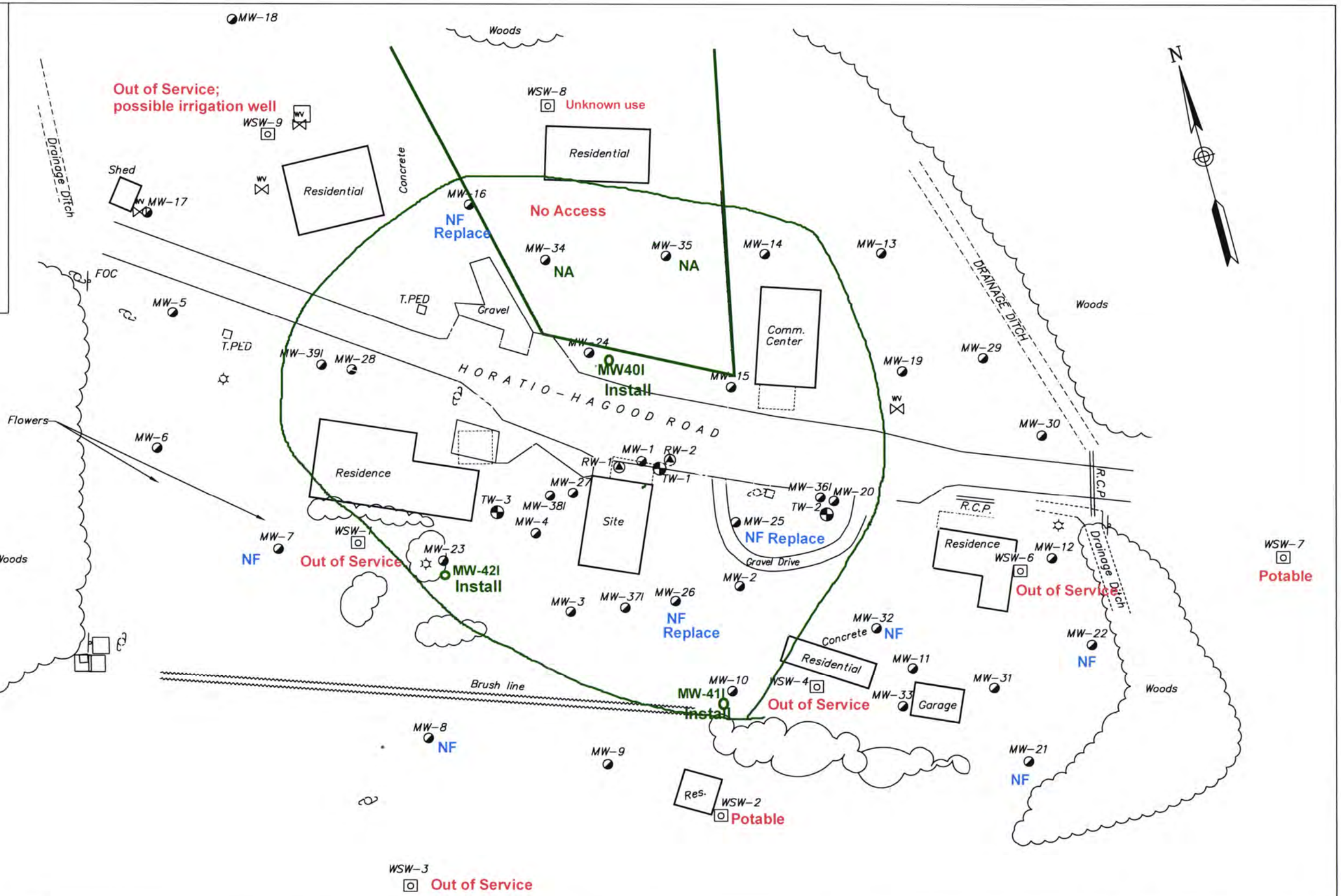
3240 Horatio Hagood Road
Horatio, South Carolina
Sumter County

Date:	08/01/2021	Drawn by:	DTH	Figure:	2

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- UTILITY POLE
- POWER LINE
- T.PED TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE

Note:
This Site Map is based on a Professional Survey Plat dated March 25, 2006 completed by Jay S. Joshi of Columbia, SC.



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0 30 60 120
(IN FEET)
1 inch = 60 ft

SITE MAP

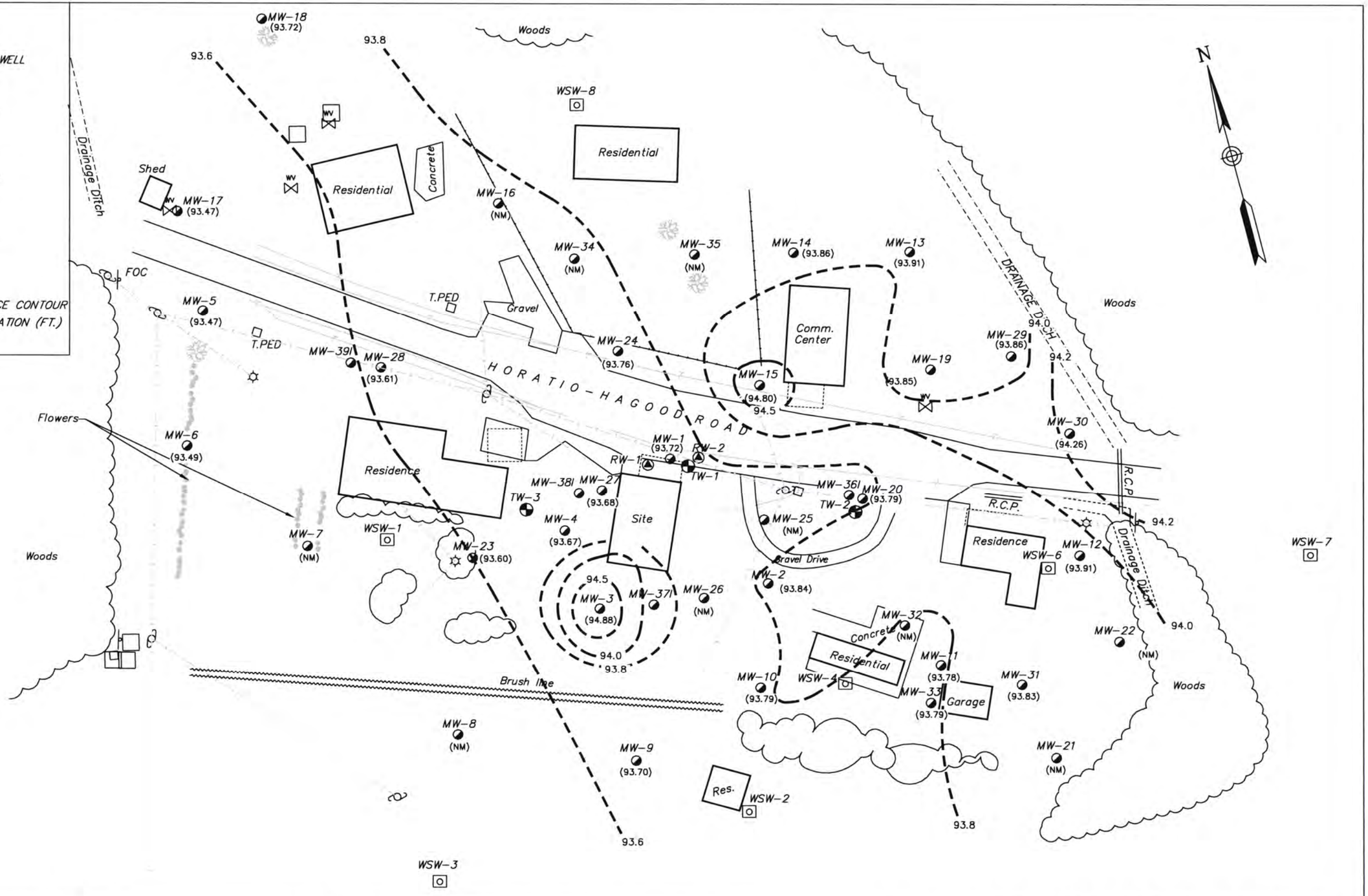
Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, South Carolina
Sumter County

Date:	08/01/2021	Drawn by:	DTH	Figure:	3

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING WELL
- RECOVERY WELL
- WATER SUPPLY WELL
- LIGHT POLE
- UTILITY POLE
- POWER LINE
- T.PED — TELEPHONE PEDESTAL
- TELEPHONE LINE
- WATER VAULT
- ELECTRIC BOX
- FIBER OPTIC CABLE
- FENCE
- DRAINAGE DITCH
- TREE
- 92.8 — WATER TABLE SURFACE CONTOUR
- (89.03) GROUND WATER ELEVATION (FT.)
- NOT MEASURED



Geological Resources, Inc.

0 30 60 120

(IN FEET)
1 inch = 60 ft

WATER TABLE SURFACE MAP (05/18/2021)

Lenoir Store
UST Permit No. 08825
GRI Project No. 2001

3240 Horatio Hagood Road
Horatio, South Carolina
Sumter County

Date:	07/22/2021	Drawn by:	DTH	Figure:	5

dhec
Healthy People. Healthy Communities

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: Lenoir Store

UST Permit #: 08825 **Cost Agreement #:** _____ GRI Proposal 21-533

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. **Plan Preparation**					
1. Site-specific Work Plan	1	each	$160.05		$160.05
2. Tax Map		each	$74.69		$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
B. **Receptor Survey ***	1	each	$587.92		$587.92
C. **Survey (500 ft x 500 ft)**					
1. Comprehensive Survey Subsurface Geophysical Survey		each	$1,109.68		$0.00
2. < 10 meters below grade		each	$1,387.10		$0.00
3. > 10 meters below grade		each	$2,464.77		$0.00
4. Geophysical UST or Drum Survey		each	$970.97		$0.00
D. **Mob/Demob**					
1. Equipment	1	each	$1,088.34		$1,088.34
2. Personnel	4	each	$451.34		$1,805.36
3. Adverse Terrain Vehicle		each	$533.50		$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34		$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***					
1. Standard		per foot	$16.01		$0.00
2. Fractured Rock		per foot	$21.55		$0.00
G. **Soil Leachability Model**		each	$64.02		$0.00
H. **Abandonment (per foot)***					
1. 2" diameter or less		per foot	$3.31		$0.00
2. Greater than 2" to 6" diameter		per foot	$4.80		$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00		$0.00
I. **Well Installation (per foot)***					
1. Water Table (hand augered)		per foot	$11.31		$0.00
2. Water Table (drill rig) 2" Diameter	105	per foot	$40.55		$4,257.75
3. Telescoping		per foot	$53.35		$0.00
4. Rock Drilling		per foot	$61.89		$0.00
5. 2" Rock Coring		per foot	$32.97		$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64		$0.00
7. Recovery Well (4" diameter)		per foot	$48.02		$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01		$0.00
9. Rotosonic (2" diameter)		per foot	$46.95		$0.00
10. Re-develop Existing Well		per foot	$11.74		$0.00

J. Groundwater Sample Collection / Gauge Depth to Water or Product *					
1. Groundwater Purge	10	per well	$64.02		$640.20
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate		sample	$23.47		$0.00
4. Groundwater No Purge or Duplicate or Grab	21	sample	$29.88		$627.48
5. Gauge Well only	15	sample	$7.47		$112.05
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank	2	sample	$26.25		$52.50
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank		sample	$26.25		$0.00
K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	34	per sample	$130.17		$4,425.78
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011	33	per sample	$48.23		$1,591.59
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)		per sample	$132.36		$0.00
15. 7-OXYGENATES & ETHANOL (8260B)		per sample	$97.90		$0.00
16. EDB (504.1)		per sample	$84.83		$0.00
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. Analyses-Soil					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer		per sample	$110.97		$0.00
24. Total Organic Carbon		per sample	$32.65		$0.00
K. Analyses-Air					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. Analyses-Free Phase Product					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. Aquifer Characterization*					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test	2	per test	$203.80		$407.60
3. Fractured Rock		per test	$106.70		$0.00

M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***	1	each	$260.00		$260.00
Q. **Disposal (gallons or tons)***					
1. Wastewater	250	gallon	$0.60		$150.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal	2	ton	$64.02		$128.04
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00

X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00
6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*		each	$53.35		$0.00
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*		each	$125.91		$0.00
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock		each	$16.00		$0.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*		each	$160.05		$0.00
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$16,294.66		$1,955.36
TOTAL					$18,250.02

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary