

**20-DAY / INITIAL ABATEMENT ACTION REPORT
ADAM'S MINI MART
2000 N WILLIAM STREET
GOLDSBORO, WAYNE COUNTY
NORTH CAROLINA
INCIDENT NUMBER: PENDING
FACILITY ID NUMBER: 0-030014
GRI PROJECT NUMBER: 4818**

Prepared for:

Ibrahim Odeh
5335 Sharon Church Road
Kinston, North Carolina 28501-7181


Prepared by:

Geological Resources, Inc.
3502 Hayes Road
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November 29, 2018



William Regenthal, P. G.
Project Manager



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EXECUTIVE SUMMARY

Adam's Mini Mart is a former petroleum retail facility and convenience store located at 2000 N William Street, Goldsboro, Wayne County, North Carolina. The site is located within the city limits of Goldsboro. The adjoining properties are commercial and residential. Municipal water is available to the site and surrounding properties. According to the NCDEQ database, a previous incident occurred at the dispenser island associated with the UST system and was subsequently closed by NCDEQ in March 2015.

Three 10,000-gallon gasoline underground storage tanks, associated dispensers and product piping were removed from the site between October 22 and 26, 2018. Free product and ground water were encountered during the UST closure activities. Based on the field observations, over excavation was conducted in the UST basin until the free product was removed.

During excavation activities, soil samples were collected along the sidewalls of the UST basin, as well as beneath the product piping and dispensers. Concentrations of requested method constituents that exceeded the Regulatory Action Levels and/or the soil-to-water Maximum Contaminant Concentrations were reported in the soil samples collected during the October 2018 UST closure activities. None of the reported contaminant concentrations exceeded the Residential Soil Cleanup Levels.

Since ground water was encountered in the UST basin, a monitoring well was installed on October 29, 2018, and a ground water sample was collected on November 1, 2018. A concentration of lead that exceeded the applicable ground water quality standard was reported in the ground water sample collected from GMW-1. It is likely that the concentration of lead is naturally occurring. No concentrations of requested method constituents exceeded the Gross Contamination Levels.

Based on these results, a release has occurred at the site. Due to the presence of the Notice of Residual Petroleum filed on January 27, 2015 for the previous incident, the site risk classification should remain low and no additional soil or ground water assessment is warranted for this facility.

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A. SITE INFORMATION

1. Site Identification:

Date of Report: November 29, 2018
Facility ID Number: 0-030014
Incident Number: Pending
Site Name: Adam's Mini Mart
Site Address: 2000 N William Street
City: Goldsboro
State: North Carolina
Zip Code: 27530
County: Wayne

Description of Geographical Data Point: Calculated from topographic map.
Latitude: 35.406309° N **Longitude:** 77.982676° W

2. Contacts Associated with Leaking UST System:

UST Owner/Operator: Ibrahim Odeh
5335 Sharon Church Road
Kinston, North Carolina 28501-7181
(252) 258-3404

Property Owner: Ibrahim and Ruby Odeh
5335 Sharon Church Road
Kinston, North Carolina 28501-7181

Closure Contractor: Geological Resources, Inc.
3502 Hayes Road
Monroe, North Carolina 28110
(704) 845-4010

Primary Consultant: Geological Resources, Inc.
3502 Hayes Road
Monroe, North Carolina 28110
(704) 845-4010

Laboratory: SGS North America, Inc.
4405 Vineland Road, Suite C-15
Orlando, Florida 32811
(407) 425-6700
State Certification Number: 573

3. Release Information

Date Discovered: October 23, 2018

Estimated Quantity of Release: Unknown

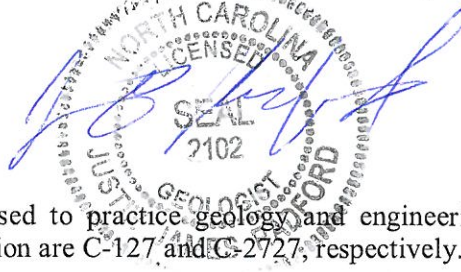
Cause of Release: Unknown

Source of Release: Unknown

UST Size/Contents: Three 10,000-gallon gasoline underground storage tanks (USTs), associated dispensers and product piping were removed from the site between October 22 and 26, 2018.

4. Certification:

I, Justin Radford, a Licensed Geologist for Geological Resources, Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.



Geological Resources, Inc. is licensed to practice geology and engineering in North Carolina. The certification numbers of the corporation are C-127 and C-2727, respectively.

B. SITE HISTORY AND CHARACTERIZATION

1. UST Owner and Operator Information:

The UST owner and operator information has been summarized in the attached **Table 1**.

2. UST System Information:

The UST system information has been summarized in the attached **Table 2**.

3. Non-UST Information:

No aboveground storage tanks are currently located on-site.

4. Comprehensive Description of the Release:

A release was confirmed on October 23, 2018, during the UST closure activities. Free product and ground water were encountered upon removal of the USTs. Over-excavation activities were conducted in the UST basin until the free product was removed. A UST-61 Form was submitted to the Washington Regional Office of NCDEQ on November 20, 2018 upon receipt of the laboratory results for the soil samples collected during closure activities. A copy of the UST-61 Form is included as **Appendix A**.

5. Description of the Site Characteristics:

Adam's Mini Mart is a former petroleum retail facility and convenience store located at 2000 N William Street, Goldsboro, Wayne County, North Carolina (**Figure 1**). The adjoining properties are commercial and residential. Public water is available to the site and surrounding properties. A Site Map has been included as **Figure 2**.

6. Summary of Initial Abatement Actions, Assessment Activities, and Corrective Actions:

Please note, Incident Number 38168 was issued for a release that occurred at the dispenser island associated with the UST system during a routine NCDEQ compliance inspection. The incident was closed in March 2015 with the completion of a Notice of Residual Petroleum filed on January 27, 2015. Please refer to the incident file for further historical information regarding this incident.

Prior to closure, the appropriate officials were notified (i.e. Fire Marshal). Three 10,000-gallon gasoline USTs, associated dispensers and product piping were removed from the site between October 22 and 26, 2018. Free product and ground water were encountered upon removal of the USTs. Over-excavation activities were conducted in the UST basin until the free product was removed.

C. SITE CHECK

A site check was not part of this assessment.

D. UST CLOSURE

1. Preparation for Closure:

In July 2018, Ibrahim Odeh contracted GRI to supervise the UST removal activities. GRI was responsible for the removal and proper disposal of the UST system. Prior to closure activities, GRI personnel notified the Goldsboro Fire Marshal. Copies of the City of Goldsboro Fire Permit, Fire Inspection Report and Business Registration are included as **Appendix B**. A Notice of Intent: UST Permanent Closure or Change-in-Service (UST-3 Form) Form was submitted to the NCDEQ Washington Regional office on October 5, 2018, and is included as **Appendix C**. A copy of the Site Investigation Report for Permanent Closure or Change-in-Service of UST Form (UST-2A Form) is included as **Appendix D**. A copy of the site specific health and safety plan is included as **Appendix E**.

2. Closure Procedure:

Between October 22 and 26, 2018, three 10,000-gallon gasoline USTs were uncovered and removed using a track mounted excavator. The USTs were covered with approximately 3 feet of concrete and soil. The steel USTs were in good condition with no visible pitting, holes or corrosion. The 10,000-gallon USTs were approximately 8 feet in diameter by 26' 7" feet in length. Product piping associated with the UST system was fiberglass. Subsequent to removal, the USTs were transported off-site. A disposal manifest for the USTs removed in October 2018 is included as **Appendix F**.

3. Residual Material:

A total of 2,702 gallons of residual liquid was removed from the USTs prior to closure activities. A copy of the liquid disposal manifest is included as **Appendix G**.

4. Release Information:

Upon removal of USTs, free product and ground water were encountered. Over-excavation activities were conducted in the UST basin until the free product was removed.

5. Soil Excavation Activities:

Free product and ground water were encountered upon removal of the USTs. Over-excavation activities

were conducted in the UST basin until the free product was removed. A total of 765.56 tons of contaminated soil were removed during the October 2018 UST closure activities. The excavation boundaries are shown on **Figure 2**. Soil disposal manifests and weigh tickets are included as **Appendix H**.

6. Site Investigation:

Since ground water was encountered in the UST basin, soil samples (SS-1-4' through SS-11-4', SS-12-2' and SS-12-4') were collected along the sidewalls of the UST basin excavation at depths of approximately 2 to 4 feet below grade and were submitted for laboratory analyses of gasoline-range organic hydrocarbons (TPH-GRO) using EPA Method 5030/8015C and BTEX constituents using EPA Method 8260.

The facility included two dispensers associated with the UST system. Soil samples (SS-13-2 and SS-16-2) were collected beneath each dispenser at depths of two feet below grade and were submitted for laboratory analyses of TPH-GRO and BTEX constituents.

During the excavation activities, the fiberglass product lines were removed. Soil samples (SS-14-2, SS-15-2 and SS-17-2) were collected beneath the product lines at depths of two feet below grade and were submitted for laboratory analyses of TPH-GRO and BTEX constituents. Soil sample SS-17-2 was submitted for full volatile organic compound (VOC) analyses using EPA Method 8260B, as well as MADEP Method VPH.

Based on the field observations and presence of free product in the UST basin, over-excavation was conducted in the UST basin until the free product was removed. Soil samples T-1 through T-26 were collected during the over-excavation activities and submitted for laboratory analyses of TPH-GRO.

All soil samples were collected using either a hand auger or directly from the bucket of the excavator. Soil sample locations are shown on **Figure 3**.

E. FREE PRODUCT INVESTIGATION AND RECOVERY REPORT

Free product was encountered during the October 2018 UST closure activities. Soil was excavated from the UST basin until free product was no longer observed.

F. GROUND WATER INVESTIGATION

Since ground water was encountered during the UST closure activities, a monitoring well (GMW-1) was installed in the former UST basin on October 29, 2018. GMW-1 was installed to a total depth of 10 feet and was completed with an 8-foot screened interval set to bracket the water table at the time of installation. A ground water sample was collected from GMW-1 on November 1, 2018, and was submitted for laboratory analyses of VOCs plus oxygenates using EPA Method 6200B, EDB using EPA Method 504.1, lead using EPA Method 6010B and VPH using the MADEP Method. The location of GMW-1 is shown on **Figure 2**. Well construction information is presented in **Table 3**. The Well Construction Record is included as **Appendix I**.

G. INITIAL RESPONSE AND ABATEMENT ACTION

1. Initial Response Actions:

Three 10,000-gallon gasoline USTs, associated dispensers and product piping were removed from the site between October 22 and 26, 2018. Based on the field observations and the presence of free product in the UST basin, over excavation activities were conducted. The excavation basin was backfilled to grade with clean fill material.

- **Source Control Actions:** Three 10,000-gallon gasoline USTs, associated dispensers and product piping were removed from the site between October 22 and 26, 2018.
- **Contaminant Migration Control Measures:** A new release was discovered during the October 2018 UST closure activities at the UST basin.
- **Measures Taken to Mitigate Fire/Safety Hazards:** Prior to closure, the appropriate officials were notified (i.e. Fire Marshal). Free product was encountered during closure activities, however, there did not appear to be any immediate fire or safety hazards present as a result of the product.
- **Measures Taken to Identify and Mitigate Pollution Hazards:** The release was to the subsurface; therefore, no migration control measures were necessary.

2. Initial Abatement Actions:

- **Contaminated Soil Storage/Treatment and/or Disposal:** Contaminated soil was loaded onto dump trucks and transported to a permitted disposal facility. The excavation was backfilled with clean regional fill material.

H. EXCAVATION OF CONTAMINATED SOIL

1. Extent of Soil Contamination:

Free product was encountered upon removal of the USTs. Over-excavation activities were conducted in the UST basin until the free product was removed. A total of 765.56 tons of contaminated soil were removed during the October 2018 UST closure activities.

2. Excavation Process:

The excavation activities were conducted using a track-mounted excavator by GRI personnel. Contaminated soil was loaded onto dump trucks and transported to a permitted disposal facility.

3. Sampling Description:

All soil samples were collected directly from the bucket of the excavator or using a hand auger by GRI personnel. Samples were collected with clean, disposable nitrile gloves, and placed in laboratory-supplied glassware and placed on ice until relinquished to the laboratory.

I. SOIL AND GROUND WATER SAMPLE RESULTS

- **Soil:**

Concentrations of TPH-GRO that exceeded the RALs were reported in the soil samples collected from SS-8-4', SS-11-4' and SS-15-4'. Concentrations of benzene, ethylbenzene, xylenes, naphthalene, methylene chloride, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene and/or C9-C10 aromatics that exceeded the soil-to-water Maximum Contaminant Concentrations (MCCs) were reported in the soil samples collected from SS-7-4', SS-11-4', SS-15-4' and SS-17-4'. None of the reported contaminant concentrations exceeded the Residential Soil Cleanup Levels. A summary of soil sample analytical results is presented as **Table 4**. A Soil Quality Map has been included as **Figure 3**. Copies of the laboratory reports are included as **Appendix J**. Laboratory results for the soil samples collected during over-excavation activities (T1-T26) are included in Appendix J.

- **Ground Water:**

A concentration of lead reported in the ground water sample collected from GMW-1 exceeded the Maximum Allowable Concentration (MAC) specified in T15A NCAC 2L.0202. It is likely that lead is naturally occurring at the site. No concentrations of requested method constituents exceeded the Gross Contamination Levels (GCLs). A Ground Water Quality Map is included as **Figure 4**. A summary of ground water sample analytical results is included as **Table 5**. A complete laboratory report for the ground water sample collected in November 2018 is included as **Appendix J**.

J. SUMMARY AND CONCLUSIONS

- Three 10,000-gallon gasoline USTs, associated dispensers and product piping were removed from the site between October 22 and 26, 2018.
- The site is located in a commercial and residential area within the city limits of Goldsboro, Wayne County. Municipal water is available to the site and surrounding properties.
- Free product was observed in the UST basin and was removed during excavation activities.
- A total of 765.56 tons of contaminated soil was removed from the site during the October 2018 UST closure activities.
- Concentrations of TPH-GRO that exceeded the RALs were reported in the soil samples collected from SS-8-4', SS-11-4' and SS-15-4'. Concentrations of benzene, ethylbenzene, xylenes, naphthalene, methylene chloride, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene and/or C9-C10 aromatics that exceeded the soil-to-water MCCs were reported in the soil samples collected from SS-7-4', SS-11-4', SS-15-4' and SS-17-4'. None of the reported contaminant concentrations exceeded the Residential Soil Cleanup Levels.
- A concentration of lead reported in the ground water sample collected from GMW-1 exceeded the MAC. It is likely that lead is naturally occurring in the vicinity of the site. No concentrations of requested method constituents exceeded the GCLs.
- Based on these results, a release has occurred at the site. Due to the presence of the Notice of Residual Petroleum filed on January 27, 2015 for the previous incident, the site risk classification should remain low and no additional soil or ground water assessment is warranted for this facility.

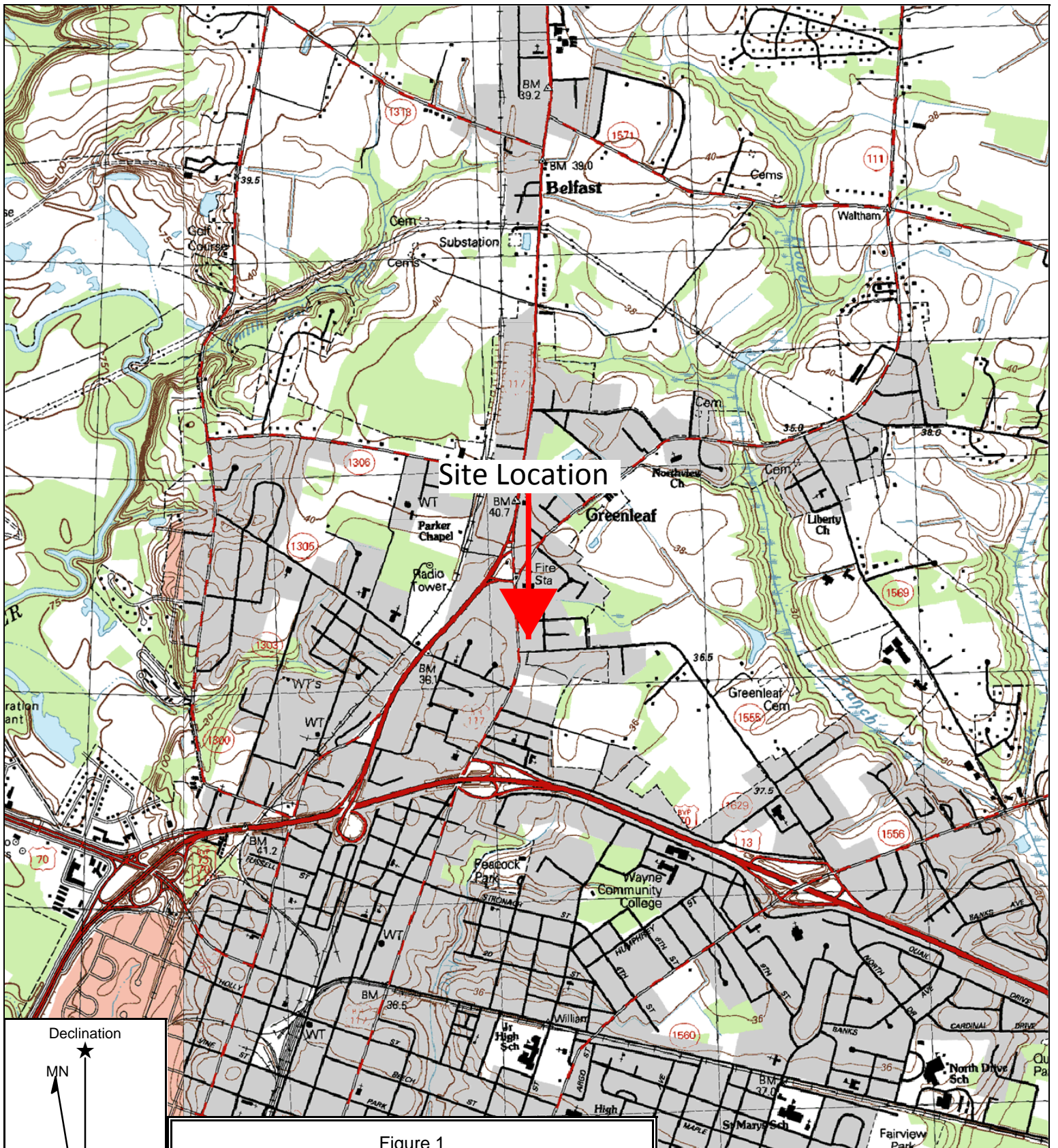
K. LIMITATIONS

This report has been prepared for the exclusive use of Ibrahim Odeh for specific application to the referenced site in Wayne County, North Carolina. The assessment was conducted based on the scope of work and level of effort specified by NCDEQ 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 North 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.

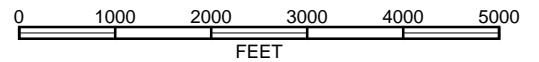
FIGURES



Site Location

Figure 1
 Site Location Map
 Adam's Mini Mart
 2000 N. William Street, Goldsboro, Wayne County, NC
 Incident No. Pending
 GRI Project No. 4818

SCALE 1:24000



Declination

MN

MN 9.52° W

Date: 11/25/18
 Scale: 1 inch = 2,000 ft.

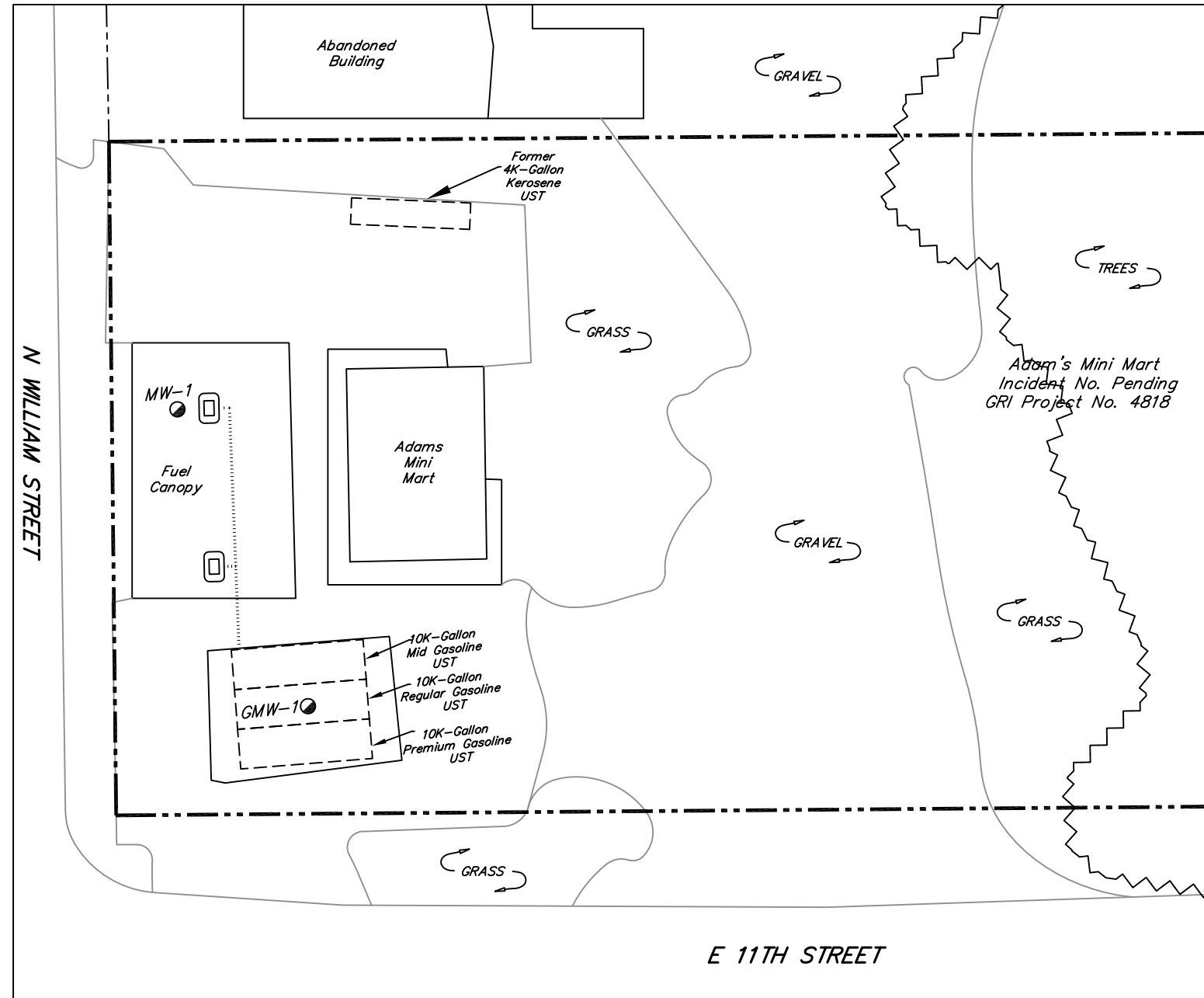
Location: 035.4063090° N 077.9826760° W

LEGEND

- PRODUCT LINE
- UNDERGROUND STORAGE TANK
- SUBJECT PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE
- ☐ FUEL DISPENSER
- MONITORING WELL

Note:

1. This Site Map is based on data from the Wayne County GIS of NC.
2. This site was not professionally surveyed, site features and utilities are approximate.



LEGEND

- PRODUCT LINE
- UNDERGROUND STORAGE TANK
- - - - - SUBJECT PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE

-  FUEL DISPENSER
-  SOIL SAMPLE LOCATION

<3.1	TPH-GRO
<0.077	BENZENE
<0.063	TOLUENE
<0.063	ETHYLBENZENE
<0.13	XYLENES
NR	MTBE
NR	NAPHTHALENE

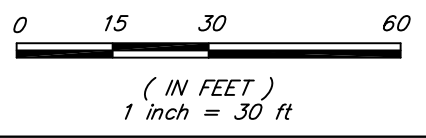
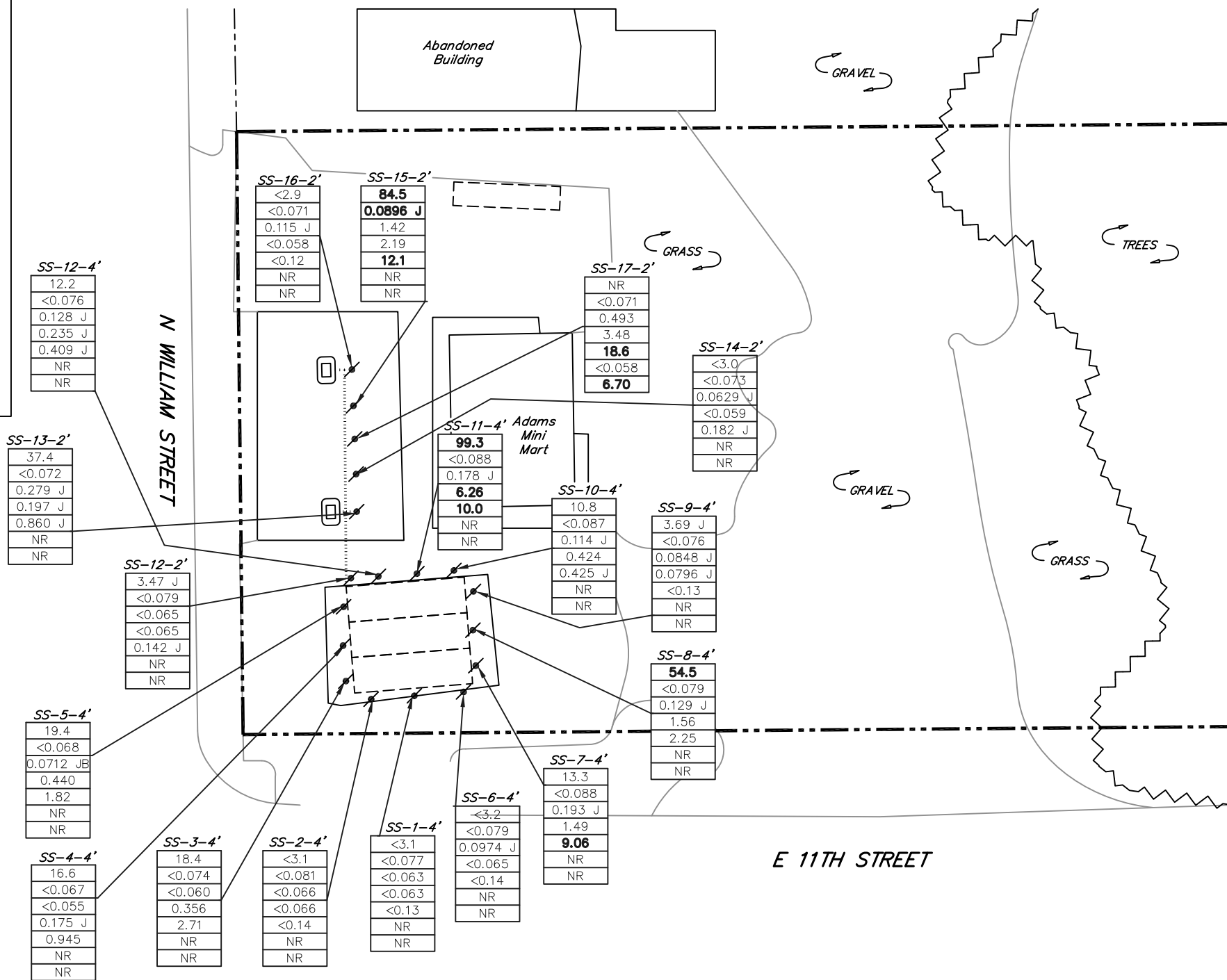
CONCENTRATIONS IN mg/kg

< LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

B: INDICATES ANALYTE DETECTED IN METHOD BLANK.

CONCENTRATIONS IN BOLD FACE TYPE EXCEEDED THE SOIL TO GROUND WATER MSCCS.



SOIL QUALITY MAP (10/23-25/18)			
Adam's Mini Mart Incident No. Pending GRI Project No. 4818		2000 N. William Street Goldsboro, Wayne County, NC	
Date:	11/29/18	Drawn by:	DTH Figure: 3

LEGEND

- UNDERGROUND STORAGE TANK
- - - - - SUBJECT PROPERTY BOUNDARY LINE
- ADJACENT PROPERTY BOUNDARY LINE

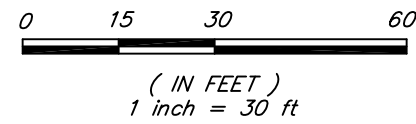
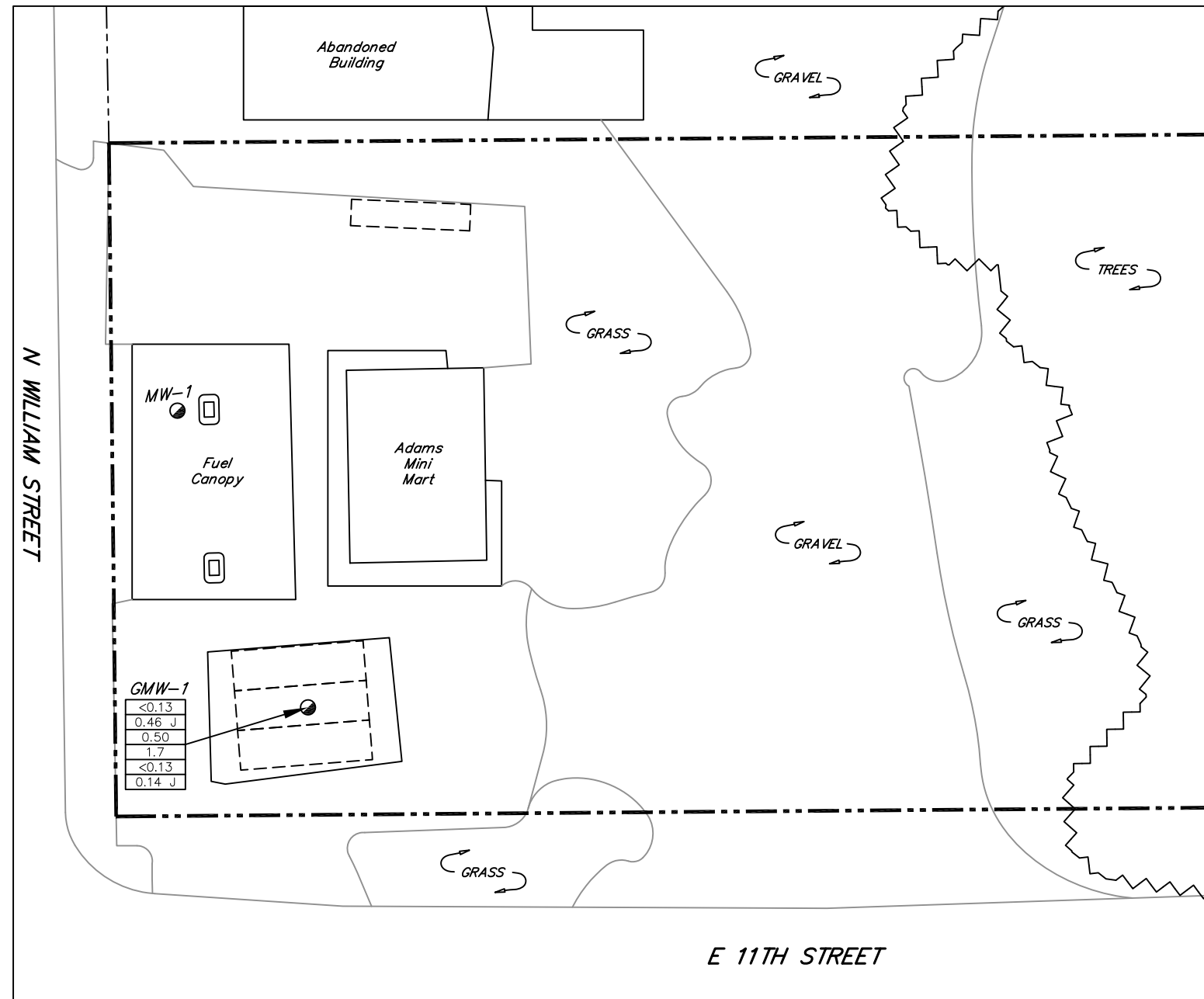
-  FUEL DISPENSER
-  MONITORING WELL

<0.13	BENZENE
0.46 J	TOLUENE
0.50	ETHYLBENZENE
1.7	XYLENES
<0.13	MTBE
0.14 J	NAPHTHALENE

CONCENTRATIONS IN mg/kg

<0.13 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

J: ESTIMATED VALUE



GROUND WATER QUALITY MAP (11/01/18)			
Adam's Mini Mart		2000 N. William Street	
Incident No. Pending		Goldsboro, Wayne County, NC	
GRI Project No. 4818			
Date:	11/29/18	Drawn by:	DTH Figure: 4

TABLES

**TABLE 1
UST OWNER/OPERATOR INFORMATION
ADAM'S MINI MART (INCIDENT NO. PENDING)**

UST ID Number	1 - 3	Facility ID Number	00-0-0000030014
Name of Owner or Operator		Dates of Ownership / Operation	Owner or Operator?
Ibrahim Odeh		04/25/08 - 10/23/18	Owner
Address		Telephone Number	
5335 Sharon Church Road, Kinston, NC 28501-7181		252-258-3404	
UST ID Number	4	Facility ID Number	00-0-0000030014
Name of Owner or Operator		Dates of Ownership / Operation	Owner or Operator?
Ibrahim Odeh		04/25/08 - 05/25/11	Owner
Address		Telephone Number	
5335 Sharon Church Road, Kinston, NC 28501-7181		252-258-3404	
UST ID Number	1 - 3	Facility ID Number	00-0-0000030014
Name of Owner or Operator		Dates of Ownership / Operation	Owner or Operator?
Spur Service Centers, Inc.		08/31/71 - 04/25/08	Owner
Address		Telephone Number	
Unknown		Unknown	
UST ID Number	4	Facility ID Number	00-0-0000030014
Name of Owner or Operator		Dates of Ownership / Operation	Owner or Operator?
Spur Service Centers, Inc.		03/30/83 - 04/25/08	Owner
Address		Telephone Number	
Unknown		Unknown	

**TABLE 2
UST SYSTEM INFORMATION
ADAM'S MINI MART (INCIDENT NO. PENDING)**

Date: 11/06/18

Facility ID#: 0-030014

UST ID No.	Current or Most Recent Contents	Previous Contents	Capacity (gallons)	Date Installed	Construction Details	Tank Dimensions	Description of Associated Product Piping and Pumps	Status of UST	Was Release Associated with UST System?
									(Yes / No)
1	Gasoline	Gasoline	10,000	08/31/71	Single Wall Steel	8' x 26' 7"	FRP	Removed (10/23/18)	Yes
2	Gasoline	Gasoline	10,000	08/31/71	Single Wall Steel	8' x 26' 7"	FRP	Removed (10/23/18)	Yes
3	Gasoline	Gasoline	10,000	08/31/71	Single Wall Steel	8' x 26' 7"	FRP	Removed (10/23/18)	Yes
4	Kerosene	Gasoline	4,000	03/30/83	Single Wall Steel	64" x 24'	Unknown	Removed (05/25/11)	Unknown

TABLE 3
WELL CONSTRUCTION AND GAUGING INFORMATION
ADAM'S MINI MART (INCIDENT NO. PENDING)

Date: 11/20/18

Facility ID #: 0-030014

Well ID	Well Installation (mm/dd/yy)	Date Water Level Measured (mm/dd/yy)	Well Casing Depth (ft. BGS)	Screened Interval (x to y ft. BGS)	Bottom of Well (ft. BGS)	Top of Casing Elevation (ft.)	Depth to Water from Top of Casing (ft)	Free Product Thickness (ft.)	Ground Water Elevation (ft.)	Comments
MW-1	10/29/18	11/01/18	2	2 - 10	10	NM	6.07	---	NM	

Notes:

- ft BGS : feet below ground surface.
- NM : Not Measured.

**TABLE 4
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
ADAM'S MINI MART (INCIDENT NO. PENDING)**

Date: 11/15/18

Facility ID No.: 0-030014

Analytical Method →			SW846 8015C	SW846 8260B											MADEP Method VPH		
Contaminant of Concern →			TPH-GRO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	Isopropylbenzene	Methylene chloride	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics
Sample ID	Date Collected (mm/dd/yy)	Sample Depth (feet)															
RAL (mg/kg)			50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Soil to Water MSCC (mg/kg)			NE	0.0056	4.3	4.9	4.6	0.091	0.16	1.7	0.02	1.7	8.5	8.3	68	540	31
Residential Soil Cleanup Levels (mg/kg)			NE	18	1,200	1,560	3,129	350	313	1,564	85	626	782	782	939	1,500	469
SS-1-4'	10/24/2018	4	<3.1	<0.077	<0.063	<0.063	<0.13	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-2-4'	10/24/2018	4	<3.1	<0.081	<0.066	<0.066	<0.14	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-3-4'	10/24/2018	4	18.4	<0.074	<0.060	0.356	2.71	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-4-4'	10/24/2018	4	16.6	<0.067	<0.055	0.175 J	0.945	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-5-4'	10/24/2018	4	19.4	<0.068	0.0712 JB	0.440	1.82	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-6-4'	10/23/2018	4	<3.2	<0.079	0.0974 J	<0.065	<0.14	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-7-4'	10/23/2018	4	13.3	<0.088	0.193 J	1.49	9.06	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-8-4'	10/23/2018	4	54.5	<0.079	0.129 J	1.56	2.25	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-9-4'	10/24/2018	4	3.69 J	<0.076	0.0848 J	0.0796 J	<0.13	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-10-4'	10/24/2018	4	10.8	<0.087	0.114 J	0.424	0.425 J	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-11-4'	10/24/2018	4	99.3	<0.088	0.178 J	6.26	10.0	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-12-2'	10/25/2018	2	3.47 J	<0.079	<0.065	<0.065	0.142 J	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-12-4'	10/24/2018	4	12.2	<0.076	0.128 J	0.235 J	0.409 J	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-13-2'	10/25/2018	2	37.4	<0.072	0.279 J	0.197 J	0.860 J	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-14-2'	10/25/2018	2	<3.0	<0.073	0.0629 J	<0.059	0.182 J	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-15-2'	10/25/2018	2	84.5	0.0896 J	1.42	2.19	12.1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-16-2'	10/25/2018	2	<2.9	<0.071	0.115 J	<0.058	<0.12	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
SS-17-2'	10/25/2018	2	NR	<0.071	0.493	3.48	18.6	<0.058	6.70	0.996	0.790 B	4.24	47.3	9.57	14.5	<23	83.0

Notes:

- Results reported in mg/kg (milligrams per kilograms)
- MSCC: Maximum Soil Contaminant Concentration level as specified by T 15A NCAC 2L.0202.
- < : Less than the method detection limit specified in the laboratory report
- Concentrations in bold face type exceeded the soil to ground water MSCCs.
- Please refer to the laboratory report for other reported contaminant concentrations that did not exceed the MSCC.
- NE: Not Established
- J: Estimated value.
- B: Indicates analyte detected in method blank.

**TABLE 5
SUMMARY OF GROUND WATER SAMPLE ANALYTICAL RESULTS
ADAM'S MINI MART (INCIDENT NO. PENDING)**

Date: 11/19/18

Facility ID No.: 0-030014

Analytical Method →		SM 6200B											EPA 504.1	SW846 6010D	MADEP Method VPH		
Contaminant of Concern →		Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	tert-Amyl alcohol (TAA)	tert-Amyl methyl ether (TAME)	tert-Butyl alcohol (TBA)	tert-Butyl formate (TBF)	Ethyl tert-butyl ether (ETBE)	EDB	Lead	C5-C8 Aliphatics	C9-C12 Aliphatics	C9-C10 Aromatics
Well ID	Date Collected (mm/dd/yy)																
2L Standard (µg/l)		1	600	600	500	20	6	40	128	10	40	47	0.02	15	400	700	200
GCL (µg/l)		5,000	260,000	84,500	85,500	20,000	6,000	40,000	12,800	10,000	40,000	47,000	50	15,000	NE	NE	NE
GMW-1	11/01/18	<0.13	0.46 J	0.50	1.7	<0.13	0.14 J	<2.0	<0.20	<2.0	<2.0	<0.13	<0.0092	114	<35	<35	<35

Notes:

- Results reported in micrograms per liter (µg/l).
- < : Less than the method detection limit specified in the laboratory report.
- 2L Standard specified in T15A NCAC 2L.0202.
- GCL: Gross contamination level.
- NE: Not Established
- Concentrations in bold face type exceeded the 2L standards.
- Refer to laboratory report for detected constituents that did not exceed the MACs, or for which no standard has been established.

APPENDICES

APPENDIX A
UST-61 Form

UST-61

24-Hour Release and UST Leak Reporting Form.

For Releases
in NC

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

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

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

Facility ID Number 0-030014
Date Leak Discovered 10/23/18
Comm/Non-Commercial? Commercial
Reg/Non-regulated? Reg

INCIDENT DESCRIPTION

Incident Name: Adam's Mini Mart

Address: 2000 N William Street

County: Wayne

City/Town: Goldsboro

Zip Code: 287530

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

Latitude (decimal degrees): 35.40616

Longitude (decimal degrees) : 77.982602

Obtained by:

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

GPS

Topographic map

GIS Address matching

Other Google Earth

Unknown

Describe location:

Petroleum Retail Facility and convenience store.

Free product was observed during the removal of USTs at the site in October 2018. Soil contamination was confirmed upon receipt of the laboratory report in November 2018.

HOW RELEASE WAS DISCOVERED (Release Code)

(Check one)

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

Visual/Odor
 Water in Tank
 Water Supply Well Contamination

Groundwater Contamination
 Surface Water Contamination
 Other (specify) _____

SOURCE OF CONTAMINATION

Source of Release

(Check one to indicate primary source)

Tank
 Piping
 Dispenser
 Submersible Turbine Pump
 Delivery Problem
 Other
 Unknown

Cause of Release

(Check one to indicate primary cause)

Spill
 Overfill
 Corrosion
 Physical or Mechanical Damage
 Install Problem
 Other
 Unknown

Type of Release

(Check one)

Petroleum
 Non-Petroleum
 Both

Location

(Check one)

Facility
 Residence
 Other

Product Type Released

(Check one to indicate primary product type released)

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

Definitions presented on reverse

Definitions presented on reverse

Ownership

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

Operation Type

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

IMPACT ON DRINKING WATER SUPPLIES

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

Number of Water Supply Wells Affected _____

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

- 1.
- 2.
- 3.

UST SYSTEM OWNER

UST Owner/Company

Ibrahim Odeh

Point of Contact

Ibrahim Odeh

Address

5335 Sharon Church Road

City

Kinston

State

NC

Zip Code

28501-7181

Telephone Number

252-258-3404

UST SYSTEM OPERATOR

UST Operator/Company

Adam's Mini Mart

Address

2000 N William St

City

Goldsboro

State

NC

Zip Code

27530

Telephone Number

252-258-3404

LANDOWNER AT LOCATION OF UST INCIDENT

Landowner

Ibrahim and Ruby Odeh

Address

5335 Sharon Church Road

City

Goldsboro

State

NC

Zip Code

28501-7181

Telephone Number

252-258-3404

Draw Sketch of Area (showing two major road intersections) or Attach Map

See attached site map.

Person Reporting Incident William Regenthal	Company Geological Resources, Inc.	Telephone Number 704-845-4010
---	------------------------------------	-------------------------------

Title Project Manager	Address 3502 Hayes Road, Monroe, NC 28110	Date 11/20/18
-----------------------	---	---------------

UST Form 61 (02/08)

Page 2 of 2

Definitions of Sources

Tank: means the tank that stores the product and is part of the underground storage tank system

Piping: means the piping and connectors running from the tank or submersible turbine pump to the dispenser or other end-use equipment (Vent, vapor recovery, or fill lines are excluded.)

Dispenser: includes the dispenser and the equipment used to connect the dispenser to the piping (e.g., a release from a suction pump or from components located above the shear valve)

Submersible Turbine Pump (STP) Area includes the submersible turbine pump head (typically located in the tank sump), the line leak detector, and the piping that connects the submersible turbine pump to the tank

Delivery Problem: identifies releases that occurred during product delivery to the tank. (Typical causes associated with this source are spills and overfills.)

Other: serves as the option to use when the release source is known but does not fit into one of the preceding categories (e.g., for releases from vent lines, vapor recovery lines, and fill lines)

Unknown: identifies releases for which the source has not been determined

Definitions of Causes

Spill: use this cause when a spill occurs (e.g., when the delivery hose is disconnected from the tank fill pipe or when the nozzle is removed from the dispenser)

Overflow: use when an overflow occurs (e.g., overfills may occur from the fill pipe at the tank or when the nozzle fails to shut off at the dispenser)

Physical or Mechanical Damage: use for all types of physical or mechanical damage, except corrosion (e.g., puncture of tank or piping, loose fittings, broken components, and components that have changed dimension)

Corrosion: use when a metal tank, piping, or other component has a release due to corrosion (e.g., for steel, corrosion takes the form of rust)

Installation Problem: use when the problem is determined to have occurred specifically because the UST system was not installed properly

Other: use this option when the cause is known but does not fit into one of the preceding categories (e.g., putting regulated substances into monitoring wells)

Unknown: use when the cause has not been determined



Imagery ©2018 Google, Map data ©2018 Google 50 ft

APPENDIX B

City of Goldsboro Fire Permit, Business Registration and Fire Inspection Report



City of Goldsboro
200 North Center Street
Goldsboro, NC 27530
919-580-4389/4385
For Inspections Call:
1-866-701-3308

Permit NO **TANK-09-18-045650**
 Permit Type: Tank Permit
 Work Classification: Other
 Permit Status: Active
 Issue Date: 9/7/2018
 Expires: 9/9/2019

Project Information

Parcel No: 3600342325 2000 N William St Goldsboro, NC 27530	Owner / Applicant Information ODEH IBRAHIM 5335 Sharon Church Rd Kinston, NC 28501
---	---

Proposed Construction / Details APP 234794- REMOVE 3 UNDERGROUND TANKS - ADAMS MINI MART	Valuation: \$ 30,000.00
	Total Sq Feet: 0.00

Contractor(s)	Type	Cell Phone	Bus. Phone
GEOLOGICAL RESOURCES INC 3502 Hayes Rd Monroe, NC 28110	Contractor		7048454010

Fee Name	Paid Amt	Fee Name	Paid Amt	Fee Name	Paid Amt
Tank Removal or Installation Fee	\$150.00	Technology Fee	\$15.00		
Total Fees: \$165.00		Payment Type: Credit Card		Amount Paid: \$165.00	Total Due: \$0.00

Required Inspections			
Tank Final	702	Tank Rough In	701

Permit Conditions

Permit Notes

I HEREBY ACKNOWLEDGE THAT I HAVE READ THIS PERMIT AND STATE THAT THE ABOVE INFORMATION IS CORRECT, AND AGREE TO COMPLY WITH ALL ORDINANCES AND STATE AND FEDERAL LAWS REGULATING ACTIVITIES COVERED BY THIS PERMIT.

******NOTICE******

THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN SIX (6) MONTHS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF ONE (1) YEAR AT ANY TIME AFTER WORK IS STARTED.

PERMIT FEES ARE NON-REFUNDABLE ONCE PERMIT IS ISSUED.

Randy Gwathmey
 Approved By: City of Goldsboro

 Owner / Applicant / Contractor / Agent

Friday, September 7, 2018
 Date
 Friday, September 7, 2018
 Date

**For Inspections Call:
1-866-701-3308**

Applicant Copy

CITY OF GOLDSBORO INSPIC
200 N CENTER ST
GOLDSBORO, NC 27530
(919)580-4386

SALE

MID: 0270 Store: 4063 Term: 0731
 REF#: 00000006
 Batch #: 015 RRN: 82509404526
 09/07/18 15:13:34 CIX: H

Trans ID: 46825069242312
 PO#: 045650 Manual CNP
 APPR CODE: 144069
 VISA SO SO
 *****8472 SQ
 15
 AMOUNT ~~20.00~~ \$185.00
 TANK-09-18-045650
 APPROVED

THANK YOU
CUSTOMER COPY



BE MORE DO MORE SEYMOUR

North Carolina

RECEIPT

2018 BUSINESS REGISTRATION

200 North Center Street
Goldsboro, NC 27530
(919) 580-4385

REGISTRATION #: BR-12236-2018 LOCATION: 3502 HAYES RD MONROE, NC 28110
INVOICE #: 73471 REGISTRATION FEE DUES \$ 20.00
DATE ISSUED: 09/10/2018 REGISTRATION FEE PAID \$ 20.00 REGISTRATION EXPIRES ON June 30, 2019

GEOLOGICAL RESOURCES INC
3502 HAYES RD
MONROE, NC 28110

DETACH-DO NOT DISPLAY



CITY OF GOLDSBORO, NORTH CAROLINA

BUSINESS REGISTRATION

REGISTRATION NUMBER: BR-12236-2018

9/10/18

Date Issued

Company Name: GEOLOGICAL RESOURCES INC

Business Name: GEOLOGICAL RESOURCES, INC.

Business Type(s):

3502 HAYES RD
MONROE, NC 28110

Location

3502 HAYES RD
MONROE, NC 28110

Mailing

Expires: June 30, 2019

The above named concern has been registered to do business in Goldsboro, subject to the provisions of all ordinances of the City.

Revenue Collector

THIS REGISTRATION MUST BE DISPLAYED IN A CONSPICUOUS PLACE



Goldsboro Fire Department
 "Committed to Life Safety"

Fire Inspection Report
 919-739-7408 or 919-739-7411

INSPECTION

RE-INSPECTION

START TIME: 10:06 END TIME: 15:30

Business Name: Ecological Resources Inc. Phone: 704-845-6100
 Emergency Contact: _____ Inspection Date: 01/29/2014
 Address: 2000 North Center Street Suite #: _____ Owner/Mgr: William George Huf
 Sprinkler System Service Date: _____ Name of Company: _____
 Fire Alarm System Services Date: _____ Name of Company: _____
 Kitchen Suppression System Service Date: _____ Name of Company: _____

Section I: Life Safety Violations

- Locked exit: Chapter 10 Section 1010.1.9
Corrected Date: _____
- Blocked exits: Chapter 10 Section 1003.6
Corrected Date: _____
- Exit access obstructed: Chapter 10 Section 1018.3 (Reference Sections 1005.1 and 1020.2)
Corrected Date: _____
- Exit lights inoperable: Chapter 10 Section 1013.3
Corrected Date: _____
- Combustible storage in exits, aisles or under stairs: Chapter 3 Section 315.3.2
Corrected Date: _____
- Fire sprinkler system inoperable: Chapter 9 Section 901.6
Corrected Date: _____
- Kitchen suppression system requires 6 month service: Chapter 9 Section 904.5.1 and 904.6.1
Corrected Date: _____

- Unapproved door locks or latches: Chapter 10 Section 1010.1.9.4 and 1010.1.9.5
Corrected Date: _____
- Smoke alarms/fire alarm system due for annual service: Chapter 9 Section 907.8.5
Corrected Date: _____
- Portable un-vented fuel-fired heaters are prohibited in Groups A, E, I, R-1, R-2, R-3 and R-4: Chapter 6 Section 603.4
Corrected Date: _____
- Emergency Lights inoperable: Chapter 10 Section 1008.3 - 1008.3.5
Corrected Date: _____
- Fire sprinkler system due for annual service: Chapter 9 Section 901.6.1
Corrected Date: _____
- Illegal Burning: Goldsboro Open Burning Ordinance Chapter 3 Section 307
- Hood cleaning: Chapter 6 Sections 609.3.3.1 - 609.3.3.3.1 (No less than once every 12 months)
Corrected Date: _____

Section II: Fire Code Violations

- Fire extinguisher service: annual, 6 yrs., 12.yrs. Chapter 9 Section 906.2
- Improper use of extension cords: Chapter 6 Section 605.5
- Required clearance around electrical panels: Chapter 6 Section 605.3
- Compressed gas cylinders unsecured: Chapter 53 Section 5303.5.3
- All Circuit breakers labeled. Chapter 6 Section 605.3.1
- General cleanup of area or room: Chapter 3 Section 304.1 - 304.1.1
- Replace broken or missing ceiling tiles: Chapter 7 Section 703.1

- Knox Box: (all keys and contents checked)
- 18" Clearance below sprinkler head: Chapter 3 Section 315
- Premises identification: An address number at least 6" high shall be attached to structure on the street side of building. Chapter 5 Section 505.1
- Business Registration: City Of Goldsboro Code of Ordinance 2016-32
- APPROVED FOR CONDITION RELEASE
- APPROVED FOR RELEASE
- NOT APPROVED FOR RELEASE

Section III: List Additional Violations or Information:

Monitor Random Callouts #7
Tank # 2 11:40 - 12:40
Tank # 3 11:25 - 12:40
All three tanks were in set pipes to removal and transported

Total violations from Section I: _____ Total violations: _____ Re-inspection date scheduled: _____

- Pay the fee/ fine of \$ _____ at 200 North Center Street or mail payment to PO Drawer A, Goldsboro, N.C. 27533.
- Provided owner/ representative copy of Order to Comply Form.

Tim Marshall
 Name of Fire Code Official: Printed
Tim Marshall
 Fire Code Official: Signature, Title

Justin Radford
 Business Representative: Printed
Justin Radford
 Business Representative: Signature

APPENDIX C

UST-3 Form

UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

Return completed form to:

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

STATE USE ONLY

I.D. # _____

Date Received _____

INSTRUCTIONS (READ THIS FIRST)

Complete and return at least **thirty (30) days** prior to closure or change-in-service activities. If a Professional Engineer (P.E.) or a Licensed Geologist (L.G.) provides supervision for closure or change-in-service site assessment activities and signs and seals all closure reports then at least a **five (5) working days** notice is acceptable.

Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2 form, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out.

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Site Checks, Tank Closure and Initial Response*. The guidelines can be obtained at <http://www.wastenotnc.org/web/wm/>. Note: To close tanks in place you must obtain prior approval from the DWM Regional office located in the region where the facility is located.

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

I. OWNERSHIP OF TANKS

II. LOCATION

Owner Name (Corporation, Individual, Public Agency, or Other Entity) Ibrahim Odeh		Facility Name or Company Adam's Mini Mart		
Street Address 5335 Sharon Church Road		Facility ID # (If known) 0-030014		
City Kinston	County Lenoir	Street Address 2000 N William Street		
State NC	Zip Code 28501-7181	City Goldsboro	County Wayne	Zip Code 27530
Phone Number		Phone Number		

III. CONTACT PERSONNEL

Name: William Regenthal, P. G.	Company Name: Geological Resources, Inc.	Job Title: Project Manager	Phone Number: 704-845-4010
--	--	--------------------------------------	--------------------------------------

IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE

- | | | |
|--|--|---|
| <ol style="list-style-type: none"> Contact local fire marshal. Plan entire closure event. Conduct Site Soil Assessment. If removing tanks or closing in place, refer to API Publication 2015 <i>Cleaning Petroleum Storage Tanks</i> and 1604 <i>Removal and Disposal of Used Underground Petroleum Storage Tanks</i>. | <ol style="list-style-type: none"> Provide a sketch locating piping, tanks and soil sampling locations. Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation. If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of | <ol style="list-style-type: none"> a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required. Keep closure records for three (3) years. |
|--|--|---|

V. WORK TO BE PERFORMED BY

Contractor Name: Justin J. Radford, P. G.		Contractor Company Name: Geological Resources, Inc.		
Address: 3502 Hayes Road, Monroe		State: NC	Zip Code: 28110	Phone No: 704-845-4010
Primary Consultant Name: William Regenthal, P. G.		Primary Consultant Company Name: Geological Resources, Inc.		Consultant Phone No: 704-845-4010

VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE


Tank ID No.	Size in Gallons	Last Contents	Proposed Activity		
			Closure		Change-In-Service
			Removal	Abandonment in Place *	New Contents Stored
1	10,000	Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2	10,000	Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3	10,000	Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: **William Regenthal, P. G.**

Signature 	Date Signed 10-05-18	SCHEDULED REMOVAL DATE 10-15-18	Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes
---	--------------------------------	---	---

APPENDIX D
UST-2A Form

UST-2A

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



Return completed form to: NC DEQ / DWM / UST SECTION 1646 MAIL SERVICE CENTER RALEIGH, NC 27699-1646 ATTN: REGISTRATION & PERMITTING phone (919) 707-8171 fax (919) 715-1117 http://www.wastenotnc.org/	Facility ID # _____ Date Received _____	STATE USE ONLY:
--	--	-----------------

INSTRUCTIONS (READ THIS FIRST)

- UST permanent closure or change in service must be completed in accordance with the latest version of the *Guidelines for Site Checks, Tank Closure and Initial Response and Abatement*. The guidelines can be obtained at <http://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/underground-storage-tanks-section>.
- Permanent closure:** Complete all sections of this form.
- Change-in-service:** Where a UST system will be converted from storing a regulated substance to a non-regulated substance, complete sections I, II, III, IV, and VI
- For more than 5 registered UST systems, attach additional forms as needed
- Tank Fee Refund:** An annual tank fee may be refunded for a tank for which a tank fee was not required. An owner or operator must submit a written request and include: (1) contact information, (2) federal identification # or SSN, and (3) a copy of UST-2 form. The annual tank fee will be prorated based on the date of permanent closure.
- UNREGISTERED USTs use Form UST-2B

I. OWNERSHIP OF TANKS				II. LOCATION OF TANKS			
Owner Name (Corporation, Individual, Public Agency, or Other Entity) Ibrahim Odeh				Facility Name or Company Adam's Mini Mart			
Street Address 5335 Sharon Church Road				Facility ID # (if known) 0-030014			
City Kinston	County Lenoir	Zip Code 28501-7181		Street Address 2000 N William Street			
State NC				City Goldsboro	County Wayne	Zip Code 27530	
Phone Number _____				Phone Number _____			

III. CONTACT PERSONNEL

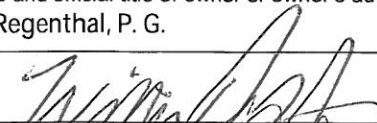
Contact for Facility: William Regenthal, P. G.		Job Title: Project Manager	Phone #: 704-845-4010
Closure Contractor Name: Justin Radford, P. G.	Closure Contractor Company: Geological Resources, Inc.	Address: 3502 Hayes Road	Phone # 704-845-4010
Primary Consultant Name: William Regenthal, P. G.	Primary Consultant Company: Geological Resources, Inc.	Address: Monroe, NC 28110	Phone # 704-845-4010

IV. UST INFORMATION FOR REGISTERED UST SYSTEMS UNREGISTERED USTs use Form UST-2B							V. EXCAVATION CONDITION					
Tank ID No.	Size in Gallons	Last Contents	Last Use Date	Permanent Close Date	Method of Permanent Closure: Indicate REMOVED or enter fill material, such as foam/ concrete/ sand	Change-in-Service Date	Water in excavation		Free product		Notable odor or visible soil contamination	
							Yes	No	Yes	No	Yes	No
1	10,000	Gasoline	2016	10/23/18	REMOVED		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	10,000	Gasoline	2016	10/23/18	REMOVED		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	10,000	Gasoline	2016	10/23/18	REMOVED		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

VI. CERTIFICATION

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

Print name and official title of owner or owner's authorized representative
William Regenthal, P. G.

Signature  Date Signed 11/19/18

APPENDIX E
Site Specific Health and Safety Plan

GEOLOGICAL RESOURCES, INC.

Site Specific Health and Safety Plan

1.0 General Information:

- a. Project name: Adam's Mini Mart
b. Location: 2000 N William St, Goldsboro, Wayne County
c. GRI Job #: 4818

2.0 Project Organization:

- a. Site Supervisor/H&S Officer: Justin Radford
b. Project Manager: William Regenthal
c. Subcontractor(s):

3.0 Safety Plan Preparation:

- a. Prepared by & date: William Regenthal 10/19/18
b. Reviewed/approved by & date: Justin Radford 10/19/18

4.0 Site History and Description:

- a. Type of site (i.e., spill, leaking UST system, etc.): Petroleum retail facility
b. Site/project description: UST Closure

5.0 Potential Hazards:

Physical Hazards: (check)

<input checked="" type="checkbox"/>	Slips	<input checked="" type="checkbox"/>	Overhead utilities	<input checked="" type="checkbox"/>	Explosion	<input type="checkbox"/>	Sun burn	<input checked="" type="checkbox"/>	Electricity
<input checked="" type="checkbox"/>	Trips	<input type="checkbox"/>	Underground utilities	<input checked="" type="checkbox"/>	Noise	<input type="checkbox"/>	Cold Weather	<input type="checkbox"/>	Pressurized line/vessels
<input checked="" type="checkbox"/>	Falls	<input checked="" type="checkbox"/>	Underground utilities	<input checked="" type="checkbox"/>	Pinch points	<input type="checkbox"/>	Hot Weather	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Fire	<input type="checkbox"/>		<input checked="" type="checkbox"/>	Burns	<input type="checkbox"/>	Crush	<input type="checkbox"/>	

Chemical Hazards: (check)

<input checked="" type="checkbox"/>	Gasoline	<input type="checkbox"/>	Used Oil	<input type="checkbox"/>	
<input type="checkbox"/>	Diesel	<input type="checkbox"/>	Solvents	<input type="checkbox"/>	
<input type="checkbox"/>	Kerosene	<input type="checkbox"/>	Antifreeze	<input type="checkbox"/>	
<input type="checkbox"/>	New Oil	<input type="checkbox"/>	Acid (sample preservative)	<input type="checkbox"/>	

Equipment/Vehicular/Other: (i.e., Geoprobe, drill rig, back hoe, track hoe, traffic, skid steer etc.)

Track hoe, Bobcat, air compressor

Biological Hazards: (i.e., toxic insects, spiders, poisonous plants, poisonous snakes, aggressive dogs)

--

6.0 Site Organization and Safety Control: (Evaluate the need for site control to protect persons from exposure to hazardous conditions; i.e. work permits, cones, barricade tape, exclusion zones, etc.)

- a. Work area(s) identified: _____
- b. Work area marked ____ Yes ____ No
- c. Work area barricaded ____ Yes ____ No
- d. Support area established: _____
- e. Entry and escape routes identified: _____
- f. Rally point identified: ____ Yes ____ No Location: _____
- g. **Emergency shut-off for water identified** ____ Yes ____ No
- h. **Emergency fuel shut-off identified** ____ Yes ____ No
- i. Site map attached: X Yes ____ No

****Emergency Response Procedures****

Action (i.e. shut off all power equipment) Assemble at rally point
 Call 911 for medical or utilities emergency Do NOT enter confined spaces
Discuss what to do ifcut product line, water line, cable/electric line

7.0 Job Activities in Work Plan:

- | | | |
|-----------------------|------------------------|----------------------------|
| <u>X</u> UST Removal | <u>X</u> Soil Sampling | ____ Manual FP Recovery |
| ____ Soil Excavation | ____ System O&M | ____ Other (specify) _____ |
| ____ Powered Drilling | ____ MMPE/AFVR | ____ AST Removal |
| ____ Hand Augering | ____ Water sampling | _____ |

8.0 Required Education and/or Training:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> OSHA 40 hr | <input checked="" type="checkbox"/> Annual 8 hr Refresher | <input type="checkbox"/> OSHA Site Supervisor |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

9.0 Air Monitoring:

If, in the opinion of the site supervisor, petroleum hydrocarbon vapor concentrations are excessive, site activities will cease until petroleum hydrocarbon vapor concentrations diminish to acceptable levels.

10.0 Equipment:

- | | | |
|------------------------|------------------------------------|----------------|
| <u>X</u> FID/PID Probe | <u>X</u> Combustible gas indicator | ____ Interface |
| <u>X</u> O2 meter | ____ Other _____ | |

11.0 Personnel Protection Equipment:

- | | | | | |
|---|---|-------------------------------------|--|--------------------------|
| <input checked="" type="checkbox"/> Hard hat | <input type="checkbox"/> Rubber boots | <input type="checkbox"/> Respirator | <input checked="" type="checkbox"/> Hearing protection | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Safety glasses | <input checked="" type="checkbox"/> Work gloves | <input type="checkbox"/> Sun screen | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Steel toe boots | <input checked="" type="checkbox"/> First aid kit | <input type="checkbox"/> Repellent | <input checked="" type="checkbox"/> Nitrile gloves | <input type="checkbox"/> |
| <input type="checkbox"/> Tyvek suit | <input checked="" type="checkbox"/> Fire extinguisher | <input type="checkbox"/> Dust mask | <input type="checkbox"/> | <input type="checkbox"/> |

12.0 Decontamination Procedures: (evaluate need for decon, describe procedures)

13.0 Emergency Contacts:

a. Local Assistance:

Site Phone	NA	Fire Department	911
Police	911	Ambulance	911
Water Department	_____	Sanitary Sewer	_____
Natural Gas	_____	Power Company	_____

Nearest Urgent Care (directions attached)

Name	Wayne UNC Healthcare
Address	2700 Wayne Memorial Drive
	Goldsboro, NC
Number	(919) 736-1110

b. National or Regional Sources of Assistance:

- 1) Geological Resources, Inc. (866) 744-5220
- 2) Chemtrec (24 Hours) (800) 424-9300
- 3) Bureau of Explosives (24 Hours) (888) 283-2662
- 4) National Response Center, NRC (800) 424-8802
(Oil/Hazardous Substances)
- 5) DOT, Off. Of Haz. Operations (800) 467-4922

14.0 Signatures:

This plan has been reviewed by all on-site personnel and all provisions are clear (signatures required).

Project Manager: _____ 10/19/18
Site Supervisor: _____ 10-22-18
Other personnel: _____
_____ 10/22/18
_____ 10/23/2018

15.0 Amendments:

- a. Site Specific Health and Safety Plans are based on information available at the time of plan preparation. Unexpected conditions may arise. It is important that personal protective measures be thoroughly assessed prior to and during the planned activities. Unplanned activities and/or changes in the hazard status should initiate a review of this plan and may result in major changes to it.
- b. Changes in the hazard status or unplanned activities are to be submitted on “Amendment to the Site Specific Health and Safety Plan” which is included bellow.
- c. Amendment must be approved by the Project Manager prior to implementation of the amendment.

AMENDMENT TO THE SITE SPECIFIC HEALTH AND SAFETY PLAN

A. Changes in field activities or hazards:

B. Proposed amendment:

C. Approval:

Proposed by: _____ date _____

Approved by: _____ date _____

Amendment number: _____

Amendment effective date: _____

APPENDIX F
UST Disposal Manifest

UST DISPOSAL MANIFEST

Site Name: Adam's Mini Mart

Site Address: 2000 N William Street, Goldsboro, NC

The following UST(s) were removed from the above noted site on October 23, 2018, and transported to _____ where the USTs will be properly disposed of at a future date.

1. 10,000-gallon gasoline UST

2. 10,000-gallon gasoline UST

3. 10,000-gallon gasoline UST

4. _____

Signature: 

Printed Name: William Regenthal

Date: 11/21/18

APPENDIX G
Liquid Disposal Manifest

HOH CORPORATION
1701 Vargrave St.
Winston-Salem, NC 27107

24090

336 727-4644
336 727-8840 fax
www.hohcorp.com

NON-HAZARDOUS WASTE MANIFEST

Generator: Adams M.I.V. MAAT
Address: 2000 N Williams St.
Goldsboro N.C.
Contact: _____

Date: 10-22-18
Phone #: 252-813-7981
EPA ID#: _____
Bill to: GES

Process which generated waste: I certify that the materials described below are properly described, classified, packaged, marked and labeled, and are in proper condition to be transported in commerce under the applicable regulations of the State, the Environmental Protection Agency and the Department of Transportation. I certify that the waste described below is non-hazardous. I certify that the specific waste was delivered to the carrier named below for legal treatment, storage, or disposal at the site indicated.

Signature: Greg Prudgen

Date: 10-22-18

NAME AND/OR DESCRIPTION OF WASTE	QUANTITY	CIRCLE UNITS	CONTAINER TYPE & SIZE <i>(i.e. 5 gal pail, 30 gal drum, 55 gal drum, 85 gal. over-pack)</i>
<u>PCW</u>	<u>2702</u>	Lbs. / <u>0</u> Gallons / Drums / Totes / Tons / Cu. Yd. Bags	<u>VT</u>
		Lbs. / Gallons / Drums / Totes / Tons / Cu. Yd. Bags	
		Lbs. / Gallons / Drums / Totes / Tons / Cu. Yd. Bags	
		Lbs. / Gallons / Drums / Totes / Tons / Cu. Yd. Bags	
		Lbs. / Gallons / Drums / Totes / Tons / Cu. Yd. Bags	
		Lbs. / Gallons / Drums / Totes / Tons / Cu. Yd. Bags	

Transporter: GES
Rocky Mount N.C.

Phone #: 252-813-7981
EPA ID#: _____

I certify that the specified waste was transferred in a registered (licensed) vehicle to HOH Corporation and was accepted.

Greg Prudgen 10-22-18
Pickup Driver's Signature Date

Delivering Driver's Signature Date

(DO NOT WRITE BELOW THIS LINE)

Facility: HOH Corporation
1701 Vargrave St.
Winston-Salem, NC 27107

CWT Permit #: 1998 EPA ID#: NCR000012260

- HANDLING METHOD: WASTEWATER TREATMENT SOLIDIFICATION USED OIL RECYCLING
 PACKAGED/RETURNED GOODS GRINDING WASTE-TO-ENERGY OTHER: _____

I certify that the Transporter above delivered the specified material to this facility and was accepted and properly handled in the above manner.

Signature: _____ Date: _____

APPENDIX H
Soil Disposal Manifests and Weigh Tickets

Soilworks, Inc.



Certificate of Disposal

Facility Address:

Mailing Address:

Phone (919) 366-1500

7534 Hwy. 42E
Selma, NC 27576

7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Fax (919) 553-5832
laura@soilworksnc.com

revised 11/28/18

Soilworks, Inc., operating under Permit SRU600075, hereby acknowledges the receipt of 521.61 tons of soil contaminated with petroleum hydrocarbons and will properly execute the disposal of this soil in the prescribed manner set forth by the North Carolina Department of Environmental Quality, Division of Waste Management in accordance with the requirements of SRU600075.

CLIENT

Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

GENERATOR

Adams Mini Mart
2000 N. Williams Street
Goldsboro, NC 27530
Site: *Adams Mini Mart*
2000 N. Williams Street
Goldsboro, NC 27530

TRANSPORTER

Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

DATE(S) ACCEPTED

October 23-25, 2018

**CERTIFICATION BY
SOILWORKS, INC.**

Laura Buchanan

SIGNATURE

Laura Buchanan
PRINTED NAME

11/28/18
DATE

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 1

Date Weighed: 10/23/18

Truck Number: BC04

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 64180

Tare Weight (lbs): 22480

Net Weight (lbs): 41700

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 20.85

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 2

Date Weighed: 10/23/18

Truck Number: PB2

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 60760

Tare Weight (lbs): 24440

Net Weight (lbs): 36320

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 18.16

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 3

Date Weighed: 10/23/18

Truck Number: EE009

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 80840

Tare Weight (lbs): 26920

Net Weight (lbs): 53920

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 26.96

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 4

Date Weighed: 10/23/18

Truck Number: EE009

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 68200

Tare Weight (lbs): 26920

Net Weight (lbs): 41280

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 20.64

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 5

Date Weighed: 10/23/18

Truck Number: PB2

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 55100

Tare Weight (lbs): 24440

Net Weight (lbs): 30660

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 15.33

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Sollworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 6

Date Weighed: 10/23/18

Truck Number: BC04

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 53640

Tare Weight (lbs): 22480

Net Weight (lbs): 31160

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 15.58

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Soilworks, Inc.**Manifest**

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 7

Date Weighed: 10/23/18

Truck Number: EE04

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 72320

Tare Weight (lbs): 27000

Net Weight (lbs): 45320

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 22.66

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 8

Date Weighed: 10/23/18

Truck Number: PB2

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 59440

Tare Weight (lbs): 24440

Net Weight (lbs): 35000

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 17.50

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 9

Date Weighed: 10/23/18

Truck Number: EE009

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 65700

Tare Weight (lbs): 26920

Net Weight (lbs): 38780

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 19.39

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 10

Date Weighed: 10/23/18

Truck Number: BC04

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 55040

Tare Weight (lbs): 22480

Net Weight (lbs): 32560

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 16.28

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 11

Date Weighed: 10/23/18

Truck Number: EE04

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 70440

Tare Weight (lbs): 27000

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Net Weight (lbs): 43440

Equivalent Tons: 21.72

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 12

Date Weighed: 10/23/18

Truck Number: PB2

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 54260

Tare Weight (lbs): 24440

Net Weight (lbs): 29820

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 14.91

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 13

Date Weighed: 10/23/18

Truck Number: EE009

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 67440

Tare Weight (lbs): 26920

Net Weight (lbs): 40520

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 20.26

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/23/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 14

Date Weighed: 10/23/18

Truck Number: PB2

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Gross Weight (lbs): 56580

Tare Weight (lbs): 24440

Net Weight (lbs): 32140

Equivalent Tons: 16.07

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan

SIGNATURE

Laura Buchanan

PRINTED NAME

10/23/18

DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 15

Date Weighed: 10/24/18

Truck Number: EE12

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 86600

Tare Weight (lbs): 29360

Net Weight (lbs): 57240

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 28.62

INSPECTED & ACCEPTED BY SOILWORKS, INC.:



SIGNATURE

Laura Buchanan
PRINTED NAME

10/24/18
DATE

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 16

Date Weighed: 10/24/18

Truck Number: PB2

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 53060

Tare Weight (lbs): 24440

Net Weight (lbs): 28620

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 14.31

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/24/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 17

Date Weighed: 10/24/18

Truck Number: EE12

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 83900

Tare Weight (lbs): 29360

Net Weight (lbs): 54540

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 27.27

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/24/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 18

Date Weighed: 10/24/18

Truck Number: PB2

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 53140

Tare Weight (lbs): 24440

Net Weight (lbs): 28700

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 14.35

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/24/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 19

Date Weighed: 10/24/18

Truck Number: EE12

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 89940

Tare Weight (lbs): 29360

Net Weight (lbs): 60580

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 30.29

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/24/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
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SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 20

Date Weighed: 10/24/18

Truck Number: PB2

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 57580

Tare Weight (lbs): 24440

Net Weight (lbs): 33140

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 16.57

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/24/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
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SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 21

Date Weighed: 10/24/18

Truck Number: EE12

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 82560

Tare Weight (lbs): 29360

Net Weight (lbs): 53200

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 26.60

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/24/18
DATE

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 22

Date Weighed: 10/24/18

Truck Number: EE12

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 72020

Tare Weight (lbs): 29360

Net Weight (lbs): 42660

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 21.33

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/24/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.**Manifest**

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 23

Date Weighed: 10/25/18

Truck Number: PB2

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 54260

Tare Weight (lbs): 24440

Net Weight (lbs): 29820

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 14.91

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan

SIGNATURE

Laura Buchanan

PRINTED NAME

10/25/18

DATE

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 24

Date Weighed: 10/25/18

Truck Number: EE12

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 67520

Tare Weight (lbs): 29360

Net Weight (lbs): 38160

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 19.08

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/25/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 25

Date Weighed: 10/25/18

Truck Number: EE12

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 72180

Tare Weight (lbs): 29360

Net Weight (lbs): 42820

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 21.41

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

Laura Buchanan
SIGNATURE

Laura Buchanan
PRINTED NAME

10/25/18
DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



Manifest

Facility Address:
7534 Hwy. 42E
Selma, NC 27576

Mailing Address:
7230 Hwy. 42E
Selma, NC 27576

NCDENR
Permit
SRU600075

Phone (919) 366-1500
Fax (919) 553-5832
laura@soilworksnc.com

CLIENT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110
(704) 845-4010

SHIPMENT INFORMATION

Material Description:
Petroleum Contaminated Soil

Contaminant: gasoline

GENERATOR Adams Mini Mart
MAILING ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530
SITE ADDRESS 2000 N. Williams Street
Goldsboro, NC 27530

Manifest Number: 26

Date Weighed: 10/25/18

Truck Number: EE12

CONSULTANT Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

Gross Weight (lbs): 70480

Tare Weight (lbs): 29360

Net Weight (lbs): 41120

TRANSPORTER Peak Branch Construction
404 Peak Branch Rd.
Snow Hill, NC 28580

Equivalent Tons: 20.56

INSPECTED & ACCEPTED BY SOILWORKS, INC.:

SIGNATURE

Laura Buchanan

PRINTED NAME

10/25/18

DATE

Weight tickets will be issued using scales owned and operated by Soilworks, Inc (regulated by the NCDA-Standards Division [registration #582]). Weight tickets are certified by a Public Weighmaster.

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

09:31 am 10/23/2018
64180 1b GR

20.85

EMPTY WT TRUCK BC-04

Transporter Bed Rock Construction

Client Geological Resources

Project Adams Mini Mart Goldsboro

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41113

Benjamin H. Evans
INVALID UNLESS SIGNED

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

J

10:20am 10/23/2018
60760 lb GR

18.16

EMPTY WT TRUCK PB-2

Transporter Peak Branch Co

Client Geological Resources

Project Adam's Mini Mart

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115

Benjamin H. Evans
INVALID UNLESS SIGNED

3

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

10:22am 10/23/2018
80840 1b 6R

26.96

EMPTY WT TRUCK EE-009

Transporter Eric Everett

Client Geological Resources

Project Adams Mini Mart

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115
Benjamin H. Evans
INVALID UNLESS SIGNED

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

12:13pm 10/23/2018
68200 1b GR

4

20.67

EMPTY WT

TRUCK

EE-009

Transporter

Ernie Everett

Client

Geological Resources

Project

Adams Mini Mart

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

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NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

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PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115

Benjamin H. Evans
INVALID UNLESS SIGNED

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

12:16PM 10/23/2018
55100 1b GR

5

15.33

EMPTY WT TRUCK PB-2

Transporter Peak Branch Cons

Client Geological Resources

Project Adams Minin Mont

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115

Benjamin H. Evans
INVALID UNLESS SIGNED

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

12:31pm 10/23/2018
53640 1b GR

15.58

EMPTY WT TRUCK BE-04

Transporter Pat Rocks cons

Client Geological Resources

Project Adams Mini Mart Coatsboro

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115

Benjamin H. Evans
INVALID UNLESS SIGNED

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

01:41PM 10/23/2018
72320 1b GR

7

22.66

EMPTY WT TRUCK EE-4

Transporter Eric Everett

Client Geological Resources

Project Adams Mini Mart

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115

Benjamin H. Evans
INVALID UNLESS SIGNED

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

8

02:14pm 10/23/2018
59440 1b GR

17.5

EMPTY WT TRUCK PB-2

Transporter Peach Branch Cons

Client Geological Resources

Project Adam's Mini Mart

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115

Benjamin H. Evans
INVALID UNLESS SIGNED

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

02:17PM 10/23/2018
65700 1b GR

9

EMPTY WT TRUCK EE-0009

19.39

Transporter ERNE Everett

Client Geological Resources

Project Adams Mini Mart

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115
Benjamin H. Evans

INVALID UNLESS SIGNED

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

10

02:22pm 10/23/2018
55040 1b GR

16.28

EMPTY WT TRUCK BC-04

Transporter Bad Rock Cons.

Client Geological Resources

Project Adams Mini Mart Goldsboro

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PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

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7534 Hwy. 42 East
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(919) 366-1500
Permit SRU600075

03:33 PM 10/23/2018
70440 1b GR

21.72

EMPTY WT TRUCK EE-4

Transporter Eric Everett

Client Geological Resources

Project Adams Mini Mart

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12

03:57pm 10/23/2018
54260 1b GR

14.91

EMPTY WT TRUCK PB-2

Transporter Pea H Branch Cons

Client GOOLD, G. CON Resources

Project Adams Mini Mart

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04:06pm 10/23/2018
67440 1b GR

13

20.20

EMPTY WT TRUCK EE-009

Transporter Eric Everett

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10:50am 10/24/2018
56580 1b GR

14

16.07

EMPTY WT TRUCK PB-2

Transporter Peak Branch Cons

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15

10:53am 10/24/2018
86600 lb GR

28.62

EMPTY WT TRUCK EE-12

Transporter ERNIE EVERETT

Client Geo Resources

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16

12:32pm 10/24/2018
53080 1b GR

14.31

EMPTY WT TRUCK PB-2

Transporter Peak Branch Cons

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12:45pm 10/24/2018
83900 1b GR

17

27.27

EMPTY WT TRUCK EE-12

Transporter Eric Everett

Client Geo Resources

Project Alens Mini Mart

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18

02:13pm 10/24/2018
53140 1b GR

14.35

EMPTY WT TRUCK PB-2

Transporter Peak Branch

Client Geo Resources

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19

02:32PM 10/24/2018
89940 1b GR

30.201

EMPTY WT TRUCK EE-12

Transporter Eric Everett

Client Geo Resources

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Selma, NC 27576
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20

03:57pm 10/24/2018
57580 1b GR

16.57

EMPTY WT TRUCK PB-2

Transporter Peake Branch Cons

Client Geo Resources

Project Adm~~in~~istration

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NORTH CAROLINA
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Selma, NC 27576
(919) 366-1500
Permit SRU600075

21

04:15PM 10/24/2018
82560 1b GR

26.6

EMPTY WT TRUCK EE-12

Transporter Ernie Everett

Client Geo Resources

Project Adm's Mini Mart

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(919) 366-1500
Permit SRU600075

22

08:58am 10/25/2018
72020 1b GR

21.33

EMPTY WT TRUCK EE-12

Transporter Eric Everett

Client Gco Resources

Project Adams Mini Mart

NORTH CAROLINA
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LICENSE EXPIRES JUNE 30, 2019
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NORTH CAROLINA
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Benjamin H. Evans
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(919) 366-1500
Permit SRU600075

23

09:00am 10/25/2018
54260 1b GR

14.91

EMPTY WT TRUCK PB-2

Transporter Pratt Branch cans

Client Gco Resources

Project Adam's Mini Mart

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Permit SRU600075

24

10:46am 10/25/2018
67520 1b GR

EMPTY WT

TRUCK

EE-12

19.08

Transporter

Eric Everett

Client

Geo Resources

Project

Adon's Mini Mart

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(919) 366-1500
Permit SRU600075

25

12:48pm 10/25/2018
72180 1b GR

21.41

EMPTY WT TRUCK EE-12

Transporter Eric Everett

Client Geo Resources

Project Adams Mini Mart

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

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NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

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NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115

Benjamin H. Evans
INVALID UNLESS SIGNED

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03:08pm 10/25/2018
70480 1b GR

20.56

Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

EMPTY WT TRUCK EE-12

Transporter Ernie Everett

Client Geo Resources

Project Adam's Mini Mart

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

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PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
BENJAMIN HUNTER EVANS 41115

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INVALID UNLESS SIGNED

Benjamin H. Evans
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EW
Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

09:44am 10/23/2018
22480 lb GR

EMPTY WT TRUCK BC-04
Transporter Bed Rock Construction
Client Geological Resources
Project Adom's Mini Mart Goldsboro

EW
[Signature]

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

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LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

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BENJAMIN HUNTER EVANS 41115
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EW
Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

11:02am 10/24/2018
29360 1b GR

EMPTY WT TRUCK EE-12

Transporter Ernie Everett

Client Geo Resources

Project Adams Mini Mart

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LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

INVALID UNLESS SIGNED

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

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fw
Soilworks, Inc.



7534 Hwy. 42 East
Selma, NC 27576
(919) 366-1500
Permit SRU600075

10:39 AM 10/23/2018
24440 1b GR

EMPTY WT

TRUCK

PB-2

Transporter

Peak Branch con

Client

Geological Resources

Project

Adam's Mini Mart

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

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LICENSE EXPIRES JUNE 30, 2019
LAURA BUCHANAN 31739

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EW
Soilworks, Inc.



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Permit SRU600075

01:53PM 10/23/2018
27000 lb GR

EMPTY WT

TRUCK

EE-4

Transporter

Eric Everett

Client

Geological Resources

Project

Adams Mini Mart

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PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2019
RAYMOND EDWARD EARP 31977

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NORTH CAROLINA
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LAURA BUCHANAN 31739

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EW
Soilworks, Inc.

**7534 Hwy. 42 East
Selma, NC 27576
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Permit SRU600075**

10:35 AM 10/23/2018
26920 1b GR



TRUCK EE-009

Transporter Eric Everett

Client Geological Resources

Project Adams Mini Mart

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APPENDIX I
Well Construction Record

WELL CONSTRUCTION RECORD (GW-1)

1. Well Contractor Information:

Justin Radford

Well Contractor Name

3270

NC Well Contractor Certification Number

Geological Resources, Inc.

Company Name

2. Well Construction Permit #:

List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.)

3. Well Use (check well use):

Water Supply Well:	
<input type="checkbox"/> Agricultural	<input type="checkbox"/> Municipal/Public
<input type="checkbox"/> Geothermal (Heating/Cooling Supply)	<input type="checkbox"/> Residential Water Supply (single)
<input type="checkbox"/> Industrial/Commercial	<input type="checkbox"/> Residential Water Supply (shared)
<input type="checkbox"/> Irrigation	
Non-Water Supply Well:	
<input checked="" type="checkbox"/> Monitoring	<input type="checkbox"/> Recovery
Injection Well:	
<input type="checkbox"/> Aquifer Recharge	<input type="checkbox"/> Groundwater Remediation
<input type="checkbox"/> Aquifer Storage and Recovery	<input type="checkbox"/> Salinity Barrier
<input type="checkbox"/> Aquifer Test	<input type="checkbox"/> Stormwater Drainage
<input type="checkbox"/> Experimental Technology	<input type="checkbox"/> Subsidence Control
<input type="checkbox"/> Geothermal (Closed Loop)	<input type="checkbox"/> Tracer
<input type="checkbox"/> Geothermal (Heating/Cooling Return)	<input type="checkbox"/> Other (explain under #21 Remarks)

For Internal Use Only:

14. WATER ZONES							
FROM	TO	DESCRIPTION					
ft.	ft.						
ft.	ft.						
15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)							
FROM	TO	DIAMETER	THICKNESS	MATERIAL			
ft.	ft.	in.					
16. INNER CASING OR TUBING (geothermal closed-loop)							
FROM	TO	DIAMETER	THICKNESS	MATERIAL			
0 ft.	2 ft.	2" in.	Sched 40	PVC			
ft.	ft.	in.					
17. SCREEN							
FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL		
2 ft.	10 ft.	2" in.	0.010	Sched 40	PVC		
ft.	ft.	in.					
18. GROUT							
FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT				
0 ft.	0.5 ft.	Cement	pour				
0.5 ft.	1 ft.	bentonite	pour				
ft.	ft.						
19. SAND/GRAVEL PACK (if applicable)							
FROM	TO	MATERIAL	EMPLACEMENT METHOD				
1 ft.	10 ft.	#2 Gravel Pack	Pour				
ft.	ft.						
20. DRILLING LOG (attach additional sheets if necessary)							
FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)					
0 ft.	8 ft.	Tan med sand					
8 ft.	10 ft.	Gray clay					
ft.	ft.						
ft.	ft.						
ft.	ft.						
ft.	ft.						
ft.	ft.						
21. REMARKS							

4. Date Well(s) Completed: 10/29/18 Well ID# GMW-1

5a. Well Location:
Adam's Mini Mart 0-030014
 Facility/Owner Name Facility ID# (if applicable)
2000 N William St, Goldsboro 27530
 Physical Address, City, and Zip
Wayne 3600342325
 County Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
 (if well field, one lat/long is sufficient)
35.40616 N 77.982602 W

6. Is(are) the well(s) Permanent or Temporary

7. Is this a repair to an existing well: Yes or No
 If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled: _____

9. Total well depth below land surface: 10 (ft.)
 For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: 6.07 (ft.)
 If water level is above casing, use "+"

11. Borehole diameter: 3" (in.)

12. Well construction method Hand Auger
 (i.e. auger, rotary, cable, direct push, etc.)

22. Certification:

 Signature of Certified Well Contractor 11/20/18
 Date

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

23. Site diagram or additional well details:
 You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,
 1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells: In addition to sending the form to the address in 24a above, also submit one copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,
 1636 Mail Service Center, Raleigh, NC 27699-1636

24c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

FOR WATER SUPPLY WELLS ONLY:	
13a. Yield (gpm) _____	Method of test: _____
13b. Disinfection type: _____	Amount: _____

APPENDIX J

Laboratory Reports – Soil and 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.)

Adam's Mini Mart; Goldsboro, NC

SGS Job Number: FA58739

Sampling Dates: 10/23/18 - 10/25/18

Report to:

GRI (Geological Resources Inc.)

wlr@geologicalresourcesinc.com

ATTN: William Regenthal

Total number of pages in report: 116



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.

A handwritten signature in black ink that reads "Caitlin Brice".

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: FA58739

Adam's Mini Mart; Goldsboro, NC

Sample Number	Collected			Received	Matrix		Client Sample ID
	Date	Time	By		Code	Type	
FA58739-1	10/23/18	08:30	ER	10/26/18	SO	Soil	T-1
FA58739-2	10/23/18	09:25	ER	10/26/18	SO	Soil	T-2
FA58739-3	10/23/18	09:25	ER	10/26/18	SO	Soil	T-3
FA58739-4	10/23/18	11:18	ER	10/26/18	SO	Soil	T-4
FA58739-5	10/23/18	11:21	ER	10/26/18	SO	Soil	T-5
FA58739-6	10/23/18	11:34	ER	10/26/18	SO	Soil	T-6
FA58739-7	10/23/18	12:25	ER	10/26/18	SO	Soil	T-7
FA58739-8	10/23/18	13:10	ER	10/26/18	SO	Soil	T-8
FA58739-9	10/23/18	13:20	ER	10/26/18	SO	Soil	T-9
FA58739-10	10/23/18	13:26	ER	10/26/18	SO	Soil	T-10
FA58739-11	10/23/18	14:35	ER	10/26/18	SO	Soil	T-11
FA58739-12	10/23/18	15:03	ER	10/26/18	SO	Soil	T-12
FA58739-13	10/23/18	15:10	ER	10/26/18	SO	Soil	T-13

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary (continued)

GRI (Geological Resources Inc.)

Job No: FA58739

Adam's Mini Mart; Goldsboro, NC

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA58739-14	10/24/18	10:00 ER	10/26/18	SO	Soil	T-14
FA58739-15	10/24/18	09:50 ER	10/26/18	SO	Soil	T-15
FA58739-16	10/24/18	11:40 ER	10/26/18	SO	Soil	T-16
FA58739-17	10/24/18	11:50 ER	10/26/18	SO	Soil	T-17
FA58739-18	10/24/18	11:52 ER	10/26/18	SO	Soil	SS-1-4'
FA58739-19	10/24/18	11:55 ER	10/26/18	SO	Soil	SS-2-4'
FA58739-20	10/24/18	11:58 ER	10/26/18	SO	Soil	SS-3-4'
FA58739-21	10/24/18	12:00 ER	10/26/18	SO	Soil	SS-4-4'
FA58739-22	10/24/18	12:04 ER	10/26/18	SO	Soil	SS-5-4'
FA58739-23	10/24/18	13:17 ER	10/26/18	SO	Soil	T-18
FA58739-24	10/24/18	13:35 ER	10/26/18	SO	Soil	T-19
FA58739-25	10/23/18	14:05 ER	10/26/18	SO	Soil	SS-6-4'
FA58739-26	10/23/18	14:10 ER	10/26/18	SO	Soil	SS-7-4'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary (continued)

GRI (Geological Resources Inc.)

Job No: FA58739

Adam's Mini Mart; Goldsboro, NC

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA58739-27	10/23/18	14:15 ER	10/26/18	SO	Soil	SS-8-4'
FA58739-28	10/23/18	15:00 ER	10/26/18	SO	Soil	T-20
FA58739-29	10/23/18	15:22 ER	10/26/18	SO	Soil	T-21
FA58739-30	10/24/18	08:05 ER	10/26/18	SO	Soil	T-22
FA58739-31	10/24/18	08:05 ER	10/26/18	SO	Soil	T-23
FA58739-32	10/24/18	08:19 ER	10/26/18	SO	Soil	SS-9-4'
FA58739-33	10/24/18	08:24 ER	10/26/18	SO	Soil	SS-10-4'
FA58739-34	10/24/18	08:30 ER	10/26/18	SO	Soil	SS-11-4'
FA58739-35	10/24/18	08:33 ER	10/26/18	SO	Soil	SS-12-4'
FA58739-36	10/24/18	09:50 ER	10/26/18	SO	Soil	T-24
FA58739-37	10/25/18	11:45 ER	10/26/18	SO	Soil	T-25
FA58739-38	10/25/18	11:47 ER	10/26/18	SO	Soil	SS-12-2'
FA58739-39	10/25/18	11:52 ER	10/26/18	SO	Soil	SS-13-2'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary (continued)

GRI (Geological Resources Inc.)

Job No: FA58739

Adam's Mini Mart; Goldsboro, NC

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
FA58739-40	10/25/18	11:56 ER	10/26/18	SO	Soil	SS-14-2'
FA58739-41	10/25/18	11:59 ER	10/26/18	SO	Soil	SS-15-2'
FA58739-42	10/25/18	12:03 ER	10/26/18	SO	Soil	SS-16-2'
FA58739-43	10/25/18	13:20 ER	10/26/18	SO	Soil	SS-17-2'
FA58739-44	10/25/18	13:50 ER	10/26/18	SO	Soil	T-26

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: FA58739
Account: GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC
Collected: 10/23/18 thru 10/25/18

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA58739-1	T-1					
TPH-GRO (C6-C10)		521	330	160	mg/kg	SW846 8015C
FA58739-2	T-2					
TPH-GRO (C6-C10)		141	29	14	mg/kg	SW846 8015C
FA58739-3	T-3					
TPH-GRO (C6-C10)		340	57	28	mg/kg	SW846 8015C
FA58739-4	T-4					
TPH-GRO (C6-C10)		197	29	15	mg/kg	SW846 8015C
FA58739-5	T-5					
TPH-GRO (C6-C10)		163	27	14	mg/kg	SW846 8015C
FA58739-6	T-6					
TPH-GRO (C6-C10)		376	57	29	mg/kg	SW846 8015C
FA58739-7	T-7					
TPH-GRO (C6-C10)		294	70	35	mg/kg	SW846 8015C
FA58739-8	T-8					
TPH-GRO (C6-C10)		396	62	31	mg/kg	SW846 8015C
FA58739-9	T-9					
TPH-GRO (C6-C10)		180	28	14	mg/kg	SW846 8015C
FA58739-10	T-10					
TPH-GRO (C6-C10)		296	61	30	mg/kg	SW846 8015C
FA58739-11	T-11					
TPH-GRO (C6-C10)		307	60	30	mg/kg	SW846 8015C

Summary of Hits

Job Number: FA58739
Account: GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC
Collected: 10/23/18 thru 10/25/18

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA58739-12	T-12					
TPH-GRO (C6-C10)		238	55	28	mg/kg	SW846 8015C
FA58739-13	T-13					
TPH-GRO (C6-C10)		237	70	35	mg/kg	SW846 8015C
FA58739-14	T-14					
TPH-GRO (C6-C10)		108	32	16	mg/kg	SW846 8015C
FA58739-15	T-15					
TPH-GRO (C6-C10)		257	55	28	mg/kg	SW846 8015C
FA58739-16	T-16					
TPH-GRO (C6-C10)		898	310	150	mg/kg	SW846 8015C
FA58739-17	T-17					
TPH-GRO (C6-C10)		299	54	27	mg/kg	SW846 8015C
FA58739-18	SS-1-4'					
No hits reported in this sample.						
FA58739-19	SS-2-4'					
No hits reported in this sample.						
FA58739-20	SS-3-4'					
Ethylbenzene ^a		0.356	0.30	0.060	mg/kg	SW846 8260B
Xylene (total) ^a		2.71	0.90	0.13	mg/kg	SW846 8260B
TPH-GRO (C6-C10)		18.4	5.7	2.9	mg/kg	SW846 8015C
FA58739-21	SS-4-4'					
Ethylbenzene ^a		0.175 J	0.28	0.055	mg/kg	SW846 8260B
Xylene (total) ^a		0.945	0.83	0.12	mg/kg	SW846 8260B
TPH-GRO (C6-C10)		16.6	5.1	2.6	mg/kg	SW846 8015C

Summary of Hits

Job Number: FA58739
 Account: GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC
 Collected: 10/23/18 thru 10/25/18

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA58739-22	SS-5-4'					
Toluene ^b		0.0712 JB	0.28	0.055	mg/kg	SW846 8260B
Ethylbenzene ^b		0.440	0.28	0.055	mg/kg	SW846 8260B
Xylene (total) ^b		1.82	0.83	0.12	mg/kg	SW846 8260B
TPH-GRO (C6-C10)		19.4	5.5	2.8	mg/kg	SW846 8015C
FA58739-23	T-18					
TPH-GRO (C6-C10)		218	63	32	mg/kg	SW846 8015C
FA58739-24	T-19					
TPH-GRO (C6-C10)		137	29	15	mg/kg	SW846 8015C
FA58739-25	SS-6-4'					
Toluene ^a		0.0974 J	0.33	0.065	mg/kg	SW846 8260B
FA58739-26	SS-7-4'					
Toluene		0.193 J	0.36	0.072	mg/kg	SW846 8260B
Ethylbenzene		1.49	0.36	0.072	mg/kg	SW846 8260B
Xylene (total)		9.06	1.1	0.15	mg/kg	SW846 8260B
TPH-GRO (C6-C10)		13.3	7.1	3.6	mg/kg	SW846 8015C
FA58739-27	SS-8-4'					
Toluene ^b		0.129 J	0.32	0.064	mg/kg	SW846 8260B
Ethylbenzene ^b		1.56	0.32	0.064	mg/kg	SW846 8260B
Xylene (total) ^b		2.25	0.97	0.14	mg/kg	SW846 8260B
TPH-GRO (C6-C10)		54.5	5.6	2.8	mg/kg	SW846 8015C
FA58739-28	T-20					
TPH-GRO (C6-C10)		290	68	34	mg/kg	SW846 8015C
FA58739-29	T-21					
TPH-GRO (C6-C10)		402	310	160	mg/kg	SW846 8015C
FA58739-30	T-22					
TPH-GRO (C6-C10)		576	570	280	mg/kg	SW846 8015C

Summary of Hits

Job Number: FA58739
Account: GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC
Collected: 10/23/18 thru 10/25/18

Lab Sample ID	Client Sample ID	Result/ Analyte	RL	MDL	Units	Method
FA58739-31	T-23					
		TPH-GRO (C6-C10)	254	60	30	mg/kg SW846 8015C
FA58739-32	SS-9-4'					
		Toluene	0.0848 J	0.31	0.062	mg/kg SW846 8260B
		Ethylbenzene	0.0796 J	0.31	0.062	mg/kg SW846 8260B
		TPH-GRO (C6-C10)	3.69 J	6.1	3.0	mg/kg SW846 8015C
FA58739-33	SS-10-4'					
		Toluene	0.114 J	0.36	0.071	mg/kg SW846 8260B
		Ethylbenzene	0.424	0.36	0.071	mg/kg SW846 8260B
		Xylene (total)	0.425 J	1.1	0.15	mg/kg SW846 8260B
		TPH-GRO (C6-C10)	10.8	6.5	3.3	mg/kg SW846 8015C
FA58739-34	SS-11-4'					
		Toluene	0.178 J	0.36	0.072	mg/kg SW846 8260B
		Ethylbenzene	6.26	0.36	0.072	mg/kg SW846 8260B
		Xylene (total)	10.0	1.1	0.15	mg/kg SW846 8260B
		TPH-GRO (C6-C10)	99.3	14	7.0	mg/kg SW846 8015C
FA58739-35	SS-12-4'					
		Toluene ^b	0.128 J	0.31	0.062	mg/kg SW846 8260B
		Ethylbenzene ^b	0.235 J	0.31	0.062	mg/kg SW846 8260B
		Xylene (total) ^b	0.409 J	0.93	0.13	mg/kg SW846 8260B
		TPH-GRO (C6-C10)	12.2	7.0	3.5	mg/kg SW846 8015C
FA58739-36	T-24					
		TPH-GRO (C6-C10)	753	550	270	mg/kg SW846 8015C
FA58739-37	T-25					
		TPH-GRO (C6-C10)	703	530	270	mg/kg SW846 8015C
FA58739-38	SS-12-2'					
		Xylene (total)	0.142 J	0.97	0.14	mg/kg SW846 8260B
		TPH-GRO (C6-C10)	3.47 J	6.1	3.0	mg/kg SW846 8015C

Summary of Hits

Job Number: FA58739
 Account: GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC
 Collected: 10/23/18 thru 10/25/18

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA58739-39	SS-13-2'					
Toluene		0.279 J	0.29	0.059	mg/kg	SW846 8260B
Ethylbenzene		0.197 J	0.29	0.059	mg/kg	SW846 8260B
Xylene (total)		0.860 J	0.88	0.12	mg/kg	SW846 8260B
TPH-GRO (C6-C10)		37.4	6.8	3.4	mg/kg	SW846 8015C
FA58739-40	SS-14-2'					
Toluene		0.0629 J	0.30	0.059	mg/kg	SW846 8260B
Xylene (total)		0.182 J	0.89	0.12	mg/kg	SW846 8260B
FA58739-41	SS-15-2'					
Benzene		0.0896 J	0.29	0.071	mg/kg	SW846 8260B
Toluene		1.42	0.29	0.058	mg/kg	SW846 8260B
Ethylbenzene		2.19	0.29	0.058	mg/kg	SW846 8260B
Xylene (total)		12.1	0.88	0.12	mg/kg	SW846 8260B
TPH-GRO (C6-C10)		84.5	12	5.8	mg/kg	SW846 8015C
FA58739-42	SS-16-2'					
Toluene		0.115 J	0.29	0.058	mg/kg	SW846 8260B
FA58739-43	SS-17-2'					
Acetone ^c		0.882 J	2.9	0.58	mg/kg	SW846 8260B
n-Butylbenzene		1.55	0.29	0.058	mg/kg	SW846 8260B
Ethylbenzene		3.48	0.29	0.058	mg/kg	SW846 8260B
Isopropylbenzene		0.996	0.29	0.058	mg/kg	SW846 8260B
Methylene Chloride ^c		0.790 B	0.58	0.23	mg/kg	SW846 8260B
Naphthalene		6.70	0.29	0.12	mg/kg	SW846 8260B
n-Propylbenzene		4.24	0.29	0.058	mg/kg	SW846 8260B
Toluene		0.493	0.29	0.058	mg/kg	SW846 8260B
1,2,4-Trimethylbenzene		47.3	2.9	0.58	mg/kg	SW846 8260B
1,3,5-Trimethylbenzene		9.57	0.29	0.058	mg/kg	SW846 8260B
Xylene (total)		18.6	0.87	0.12	mg/kg	SW846 8260B
Ethylbenzene		1.76	0.13	0.065	mg/kg	MADEP VPH REV 1.1
Naphthalene		4.13	0.32	0.19	mg/kg	MADEP VPH REV 1.1
Toluene		0.299	0.13	0.065	mg/kg	MADEP VPH REV 1.1
m,p-Xylene		8.54	0.26	0.13	mg/kg	MADEP VPH REV 1.1
o-Xylene		2.93	0.13	0.065	mg/kg	MADEP VPH REV 1.1
C5- C8 Aliphatics (Unadj.)		14.8	6.5	2.3	mg/kg	MADEP VPH REV 1.1
C9- C10 Aromatics (Unadj.)		83.0	65	23	mg/kg	MADEP VPH REV 1.1
C5- C8 Aliphatics		14.5	6.5	2.3	mg/kg	MADEP VPH REV 1.1

Summary of Hits

Job Number: FA58739
Account: GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC
Collected: 10/23/18 thru 10/25/18

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
C9- C10 Aromatics		83.0	65	23	mg/kg	MADEP VPH REV 1.1
FA58739-44	T-26					
TPH-GRO (C6-C10)		852	270	140	mg/kg	SW846 8015C

- (a) Dilution required due to matrix interference (sample foamed).
- (b) Dilution required due to matrix interference (non-target compounds above calibration range).
- (c) Suspected laboratory contaminant. Associated CCV outside of control limits high.

Sample Results

Report of Analysis

Report of Analysis

3.1
3

Client Sample ID: T-1		
Lab Sample ID: FA58739-1		Date Sampled: 10/23/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 90.6
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084199.D	10	10/31/18 10:25	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.57 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	521	330	160	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	108%		56-149%		
98-08-8	aaa-Trifluorotoluene	101%		66-132%		

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

Report of Analysis

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3

Client Sample ID: T-2	
Lab Sample ID: FA58739-2	Date Sampled: 10/23/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 92.3
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084200.D	1	10/31/18 10:54	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.07 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	141	29	14	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	141%		56-149%		
98-08-8	aaa-Trifluorotoluene	103%		66-132%		

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

Report of Analysis

Client Sample ID: T-3	
Lab Sample ID: FA58739-3	Date Sampled: 10/23/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 91.4
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084201.D	1	10/31/18 11:22	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.24 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	340	57	28	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	136%		56-149%		
98-08-8	aaa-Trifluorotoluene	104%		66-132%		

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

Report of Analysis

3.4
3

Client Sample ID: T-4 Lab Sample ID: FA58739-4 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/23/18 Date Received: 10/26/18 Percent Solids: 92.0
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084190.D	1	10/31/18 00:01	SH	n/a	n/a	GUV4419
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.02 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	197	29	15	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	147%		56-149%		
98-08-8	aaa-Trifluorotoluene	106%		66-132%		

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

Report of Analysis

3.5
3

Client Sample ID: T-5 Lab Sample ID: FA58739-5 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/23/18 Date Received: 10/26/18 Percent Solids: 91.7
--	--

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084203.D	1	10/31/18 12:19	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.43 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	163	27	14	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	144%		56-149%		
98-08-8	aaa-Trifluorotoluene	106%		66-132%		

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

Report of Analysis

3.6
3

Client Sample ID: T-6 Lab Sample ID: FA58739-6 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/23/18 Date Received: 10/26/18 Percent Solids: 91.3
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084204.D	1	10/31/18 12:48	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.24 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	376	57	29	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	128%		56-149%		
98-08-8	aaa-Trifluorotoluene	108%		66-132%		

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

37
3

Client Sample ID: T-7 Lab Sample ID: FA58739-7 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/23/18 Date Received: 10/26/18 Percent Solids: 91.8
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084205.D	1	10/31/18 13:16	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.13 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	294	70	35	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	126%		56-149%		
98-08-8	aaa-Trifluorotoluene	101%		66-132%		

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

Report of Analysis

Client Sample ID: T-8 Lab Sample ID: FA58739-8 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/23/18 Date Received: 10/26/18 Percent Solids: 83.5
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084206.D	1	10/31/18 13:44	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.74 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	396	62	31	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	134%		56-149%		
98-08-8	aaa-Trifluorotoluene	107%		66-132%		

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

3.9
3

Client Sample ID: T-9	
Lab Sample ID: FA58739-9	Date Sampled: 10/23/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 91.0
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084210.D	1	10/31/18 15:38	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.33 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	180	28	14	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	137%		56-149%		
98-08-8	aaa-Trifluorotoluene	104%		66-132%		

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

Report of Analysis

Client Sample ID: T-10		
Lab Sample ID: FA58739-10		Date Sampled: 10/23/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 88.0
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084211.D	1	10/31/18 16:06	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.28 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	296	61	30	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	127%		56-149%		
98-08-8	aaa-Trifluorotoluene	105%		66-132%		

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

Report of Analysis

Client Sample ID: T-11 Lab Sample ID: FA58739-11 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/23/18 Date Received: 10/26/18 Percent Solids: 90.9
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084212.D	1	10/31/18 16:35	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.99 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	307	60	30	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	128%		56-149%		
98-08-8	aaa-Trifluorotoluene	107%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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: T-12		
Lab Sample ID: FA58739-12		Date Sampled: 10/23/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 91.1
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084213.D	1	10/31/18 17:03	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.46 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	238	55	28	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	121%		56-149%		
98-08-8	aaa-Trifluorotoluene	102%		66-132%		

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

Report of Analysis

Client Sample ID: T-13 Lab Sample ID: FA58739-13 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/23/18 Date Received: 10/26/18 Percent Solids: 92.5
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084214.D	1	10/31/18 17:32	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.10 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	237	70	35	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	131%		56-149%		
98-08-8	aaa-Trifluorotoluene	102%		66-132%		

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

Report of Analysis

Client Sample ID: T-14	Date Sampled: 10/24/18
Lab Sample ID: FA58739-14	Date Received: 10/26/18
Matrix: SO - Soil	Percent Solids: 87.0
Method: SW846 8015C	
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084215.D	1	10/31/18 18:00	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.10 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	108	32	16	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	128%		56-149%		
98-08-8	aaa-Trifluorotoluene	100%		66-132%		

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

Report of Analysis

Client Sample ID: T-15	
Lab Sample ID: FA58739-15	Date Sampled: 10/24/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 90.6
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084216.D	1	10/31/18 18:29	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.53 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	257	55	28	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	132%		56-149%		
98-08-8	aaa-Trifluorotoluene	104%		66-132%		

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

Report of Analysis

Client Sample ID: T-16	
Lab Sample ID: FA58739-16	Date Sampled: 10/24/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 91.7
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084217.D	10	10/31/18 18:57	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.75 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	898	310	150	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	113%		56-149%		
98-08-8	aaa-Trifluorotoluene	106%		66-132%		

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

Report of Analysis

Client Sample ID: T-17 Lab Sample ID: FA58739-17 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/24/18 Date Received: 10/26/18 Percent Solids: 91.2
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084220.D	1	10/31/18 20:22	SH	n/a	n/a	GUV4420
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.58 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	299	54	27	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	135%		56-149%		
98-08-8	aaa-Trifluorotoluene	107%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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: SS-1-4'		
Lab Sample ID: FA58739-18		Date Sampled: 10/24/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8260B		Percent Solids: 94.3
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2502.D	1	10/26/18 18:33	SP	n/a	n/a	V3C98
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.40 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.32	0.077	mg/kg	
108-88-3	Toluene	ND	0.32	0.063	mg/kg	
100-41-4	Ethylbenzene	ND	0.32	0.063	mg/kg	
1330-20-7	Xylene (total)	ND	0.95	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		75-124%
17060-07-0	1,2-Dichloroethane-D4	113%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-1-4'		
Lab Sample ID: FA58739-18		Date Sampled: 10/24/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 94.3
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084187.D	1	10/30/18 22:36	SH	n/a	n/a	GUV4419
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.50 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.2	3.1	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	102%		56-149%		
98-08-8	aaa-Trifluorotoluene	99%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-2-4'	Date Sampled:	10/24/18
Lab Sample ID:	FA58739-19	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	94.5
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C2503.D	1	10/26/18 18:59	SP	n/a	n/a	V3C98
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.18 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.33	0.081	mg/kg	
108-88-3	Toluene	ND	0.33	0.066	mg/kg	
100-41-4	Ethylbenzene	ND	0.33	0.066	mg/kg	
1330-20-7	Xylene (total)	ND	0.99	0.14	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-124%
17060-07-0	1,2-Dichloroethane-D4	113%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

(a) Dilution required due to matrix interference (sample foamed).

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-2-4'		
Lab Sample ID: FA58739-19		Date Sampled: 10/24/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 94.5
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084188.D	1	10/30/18 23:04	SH	n/a	n/a	GUV4419
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.42 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.3	3.1	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	107%		56-149%		
98-08-8	aaa-Trifluorotoluene	103%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-3-4'	Date Sampled:	10/24/18
Lab Sample ID:	FA58739-20	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	93.6
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C2504.D	1	10/26/18 19:24	SP	n/a	n/a	V3C98
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.70 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.30	0.074	mg/kg	
108-88-3	Toluene	ND	0.30	0.060	mg/kg	
100-41-4	Ethylbenzene	0.356	0.30	0.060	mg/kg	
1330-20-7	Xylene (total)	2.71	0.90	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-124%
17060-07-0	1,2-Dichloroethane-D4	114%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

(a) Dilution required due to matrix interference (sample foamed).

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-3-4'							
Lab Sample ID: FA58739-20					Date Sampled: 10/24/18		
Matrix: SO - Soil					Date Received: 10/26/18		
Method: SW846 8015C					Percent Solids: 93.6		
Project: Adam's Mini Mart; Goldsboro, NC							

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084189.D	1	10/30/18 23:32	SH	n/a	n/a	GUV4419
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.97 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	18.4	5.7	2.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	118%		56-149%		
98-08-8	aaa-Trifluorotoluene	99%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-4-4'	Date Sampled:	10/24/18
Lab Sample ID:	FA58739-21	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	93.0
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C2505.D	1	10/26/18 19:50	SP	n/a	n/a	V3C98
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.22 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.28	0.067	mg/kg	
108-88-3	Toluene	ND	0.28	0.055	mg/kg	
100-41-4	Ethylbenzene	0.175	0.28	0.055	mg/kg	J
1330-20-7	Xylene (total)	0.945	0.83	0.12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-124%
17060-07-0	1,2-Dichloroethane-D4	116%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	98%		71-133%

(a) Dilution required due to matrix interference (sample foamed).

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-4-4' Lab Sample ID: FA58739-21 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/24/18 Date Received: 10/26/18 Percent Solids: 93.0
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153099.D	1	10/30/18 15:10	KB	n/a	n/a	GCD6416
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.66 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	16.6	5.1	2.6	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	122%		56-149%		
98-08-8	aaa-Trifluorotoluene	86%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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:	SS-5-4'	Date Sampled:	10/24/18
Lab Sample ID:	FA58739-22	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	92.3
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C2506.D	1	10/26/18 20:16	SP	n/a	n/a	V3C98
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.29 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.28	0.068	mg/kg	
108-88-3	Toluene	0.0712	0.28	0.055	mg/kg	JB
100-41-4	Ethylbenzene	0.440	0.28	0.055	mg/kg	
1330-20-7	Xylene (total)	1.82	0.83	0.12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-124%
17060-07-0	1,2-Dichloroethane-D4	113%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

(a) Dilution required due to matrix interference (non-target compounds above calibration range).

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-5-4' Lab Sample ID: FA58739-22 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/24/18 Date Received: 10/26/18 Percent Solids: 92.3
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153100.D	1	10/30/18 15:37	KB	n/a	n/a	GCD6416
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.31 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	19.4	5.5	2.8	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	143%		56-149%		
98-08-8	aaa-Trifluorotoluene	85%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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: T-18 Lab Sample ID: FA58739-23 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/24/18 Date Received: 10/26/18 Percent Solids: 91.3
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153132.D	1	10/31/18 11:30	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.67 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	218	63	32	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	145%		56-149%		
98-08-8	aaa-Trifluorotoluene	89%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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: T-19	
Lab Sample ID: FA58739-24	Date Sampled: 10/24/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 92.1
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153133.D	1	10/31/18 11:57	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.05 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	137	29	15	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	109%		56-149%		
98-08-8	aaa-Trifluorotoluene	92%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-6-4'	Date Sampled:	10/23/18
Lab Sample ID:	FA58739-25	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	88.7
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C2515.D	1	10/30/18 15:14	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.80 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.33	0.079	mg/kg	
108-88-3	Toluene	0.0974	0.33	0.065	mg/kg	J
100-41-4	Ethylbenzene	ND	0.33	0.065	mg/kg	
1330-20-7	Xylene (total)	ND	0.98	0.14	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		75-124%
17060-07-0	1,2-Dichloroethane-D4	117%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

(a) Dilution required due to matrix interference (sample foamed).

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-6-4'		
Lab Sample ID: FA58739-25		Date Sampled: 10/23/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 88.7
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153103.D	1	10/30/18 16:57	KB	n/a	n/a	GCD6416
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.96 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.3	3.2	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	85%		56-149%		
98-08-8	aaa-Trifluorotoluene	81%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-7-4'	Date Sampled:	10/23/18
Lab Sample ID:	FA58739-26	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	83.0
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2516.D	1	10/30/18 15:39	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.85 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.36	0.088	mg/kg	
108-88-3	Toluene	0.193	0.36	0.072	mg/kg	J
100-41-4	Ethylbenzene	1.49	0.36	0.072	mg/kg	
1330-20-7	Xylene (total)	9.06	1.1	0.15	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-124%
17060-07-0	1,2-Dichloroethane-D4	113%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	98%		71-133%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-7-4'		Date Sampled: 10/23/18
Lab Sample ID: FA58739-26		Date Received: 10/26/18
Matrix: SO - Soil		Percent Solids: 83.0
Method: SW846 8015C		
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153104.D	1	10/30/18 17:24	KB	n/a	n/a	GCD6416
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.95 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	13.3	7.1	3.6	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	132%		56-149%		
98-08-8	aaa-Trifluorotoluene	86%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-8-4'	Date Sampled:	10/23/18
Lab Sample ID:	FA58739-27	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	91.1
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C2517.D	1	10/30/18 16:05	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.61 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.32	0.079	mg/kg	
108-88-3	Toluene	0.129	0.32	0.064	mg/kg	J
100-41-4	Ethylbenzene	1.56	0.32	0.064	mg/kg	
1330-20-7	Xylene (total)	2.25	0.97	0.14	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		75-124%
17060-07-0	1,2-Dichloroethane-D4	113%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

(a) Dilution required due to matrix interference (non-target compounds above calibration range).

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-8-4'		
Lab Sample ID: FA58739-27		Date Sampled: 10/23/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 91.1
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153105.D	1	10/30/18 17:51	KB	n/a	n/a	GCD6416
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.32 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	54.5	5.6	2.8	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	306%		56-149%		
98-08-8	aaa-Trifluorotoluene	94%		66-132%		

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

Report of Analysis

Client Sample ID: T-20	
Lab Sample ID: FA58739-28	Date Sampled: 10/23/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 88.4
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153134.D	1	10/31/18 12:24	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.64 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	290	68	34	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	101%		56-149%		
98-08-8	aaa-Trifluorotoluene	90%		66-132%		

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

Report of Analysis

Client Sample ID: T-21 Lab Sample ID: FA58739-29 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/23/18 Date Received: 10/26/18 Percent Solids: 91.8
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153135.D	10	10/31/18 12:51	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.72 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	402	310	160	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	105%		56-149%		
98-08-8	aaa-Trifluorotoluene	86%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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: T-22	
Lab Sample ID: FA58739-30	Date Sampled: 10/24/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 90.7
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153136.D	10	10/31/18 13:18	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.36 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	576	570	280	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	100%		56-149%		
98-08-8	aaa-Trifluorotoluene	80%		66-132%		

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

Report of Analysis

Client Sample ID: T-23	
Lab Sample ID: FA58739-31	Date Sampled: 10/24/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 90.2
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153137.D	1	10/31/18 13:45	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.06 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	254	60	30	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	143%		56-149%		
98-08-8	aaa-Trifluorotoluene	93%		66-132%		

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

Report of Analysis

Client Sample ID: SS-9-4'	
Lab Sample ID: FA58739-32	Date Sampled: 10/24/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 92.6
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153138.D	1	10/31/18 14:12	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.74 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	3.69	6.1	3.0	mg/kg	J
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	110%		56-149%		
98-08-8	aaa-Trifluorotoluene	80%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-10-4'	Date Sampled:	10/24/18
Lab Sample ID:	FA58739-33	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	92.5
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2519.D	1	10/30/18 16:55	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.03 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.36	0.087	mg/kg	
108-88-3	Toluene	0.114	0.36	0.071	mg/kg	J
100-41-4	Ethylbenzene	0.424	0.36	0.071	mg/kg	
1330-20-7	Xylene (total)	0.425	1.1	0.15	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		75-124%
17060-07-0	1,2-Dichloroethane-D4	115%		72-135%
2037-26-5	Toluene-D8	96%		75-126%
460-00-4	4-Bromofluorobenzene	98%		71-133%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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

3.33
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Client Sample ID: SS-10-4' Lab Sample ID: FA58739-33 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/24/18 Date Received: 10/26/18 Percent Solids: 92.5
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153139.D	1	10/31/18 14:39	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.41 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	10.8	6.5	3.3	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	117%		56-149%		
98-08-8	aaa-Trifluorotoluene	85%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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:	SS-11-4'	Date Sampled:	10/24/18
Lab Sample ID:	FA58739-34	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	89.1
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2520.D	1	10/30/18 17:21	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.23 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.36	0.088	mg/kg	
108-88-3	Toluene	0.178	0.36	0.072	mg/kg	J
100-41-4	Ethylbenzene	6.26	0.36	0.072	mg/kg	
1330-20-7	Xylene (total)	10.0	1.1	0.15	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		75-124%
17060-07-0	1,2-Dichloroethane-D4	112%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates 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: SS-11-4'	
Lab Sample ID: FA58739-34	Date Sampled: 10/24/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 89.1
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153142.D	1	10/31/18 15:59	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.39 g	5.0 ml	50.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	99.3	14	7.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	141%		56-149%		
98-08-8	aaa-Trifluorotoluene	85%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-12-4'	Date Sampled:	10/24/18
Lab Sample ID:	FA58739-35	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	94.1
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	3C2521.D	1	10/30/18 17:46	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.49 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.31	0.076	mg/kg	
108-88-3	Toluene	0.128	0.31	0.062	mg/kg	J
100-41-4	Ethylbenzene	0.235	0.31	0.062	mg/kg	J
1330-20-7	Xylene (total)	0.409	0.93	0.13	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-124%
17060-07-0	1,2-Dichloroethane-D4	116%		72-135%
2037-26-5	Toluene-D8	96%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

(a) Dilution required due to matrix interference (non-target compounds above calibration range).

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-12-4' Lab Sample ID: FA58739-35 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/24/18 Date Received: 10/26/18 Percent Solids: 94.1
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153143.D	1	10/31/18 16:26	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	3.97 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	12.2	7.0	3.5	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	120%		56-149%		
98-08-8	aaa-Trifluorotoluene	84%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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: T-24		
Lab Sample ID: FA58739-36		Date Sampled: 10/24/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 90.8
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153144.D	10	10/31/18 16:53	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.52 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	753	550	270	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	103%		56-149%		
98-08-8	aaa-Trifluorotoluene	83%		66-132%		

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

Report of Analysis

Client Sample ID: T-25		
Lab Sample ID: FA58739-37		Date Sampled: 10/25/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 89.9
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153145.D	10	10/31/18 17:20	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.82 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	703	530	270	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	102%		56-149%		
98-08-8	aaa-Trifluorotoluene	82%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-12-2'	Date Sampled:	10/25/18
Lab Sample ID:	FA58739-38	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	91.8
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2522.D	1	10/30/18 18:11	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.52 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.32	0.079	mg/kg	
108-88-3	Toluene	ND	0.32	0.065	mg/kg	
100-41-4	Ethylbenzene	ND	0.32	0.065	mg/kg	
1330-20-7	Xylene (total)	0.142	0.97	0.14	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-124%
17060-07-0	1,2-Dichloroethane-D4	114%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	98%		71-133%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates 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: SS-12-2' Lab Sample ID: FA58739-38 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/25/18 Date Received: 10/26/18 Percent Solids: 91.8
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153146.D	1	10/31/18 17:47	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.85 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	3.47	6.1	3.0	mg/kg	J
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	95%		56-149%		
98-08-8	aaa-Trifluorotoluene	84%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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: SS-13-2'		
Lab Sample ID: FA58739-39		Date Sampled: 10/25/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8260B		Percent Solids: 88.4
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2523.D	1	10/30/18 18:36	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.43 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.29	0.072	mg/kg	
108-88-3	Toluene	0.279	0.29	0.059	mg/kg	J
100-41-4	Ethylbenzene	0.197	0.29	0.059	mg/kg	J
1330-20-7	Xylene (total)	0.860	0.88	0.12	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		75-124%
17060-07-0	1,2-Dichloroethane-D4	114%		72-135%
2037-26-5	Toluene-D8	96%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates 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: SS-13-2'		
Lab Sample ID: FA58739-39		Date Sampled: 10/25/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 88.4
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153122.D	1	10/31/18 01:29	KB	n/a	n/a	GCD6416
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.64 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	37.4	6.8	3.4	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	99%		56-149%		
98-08-8	aaa-Trifluorotoluene	91%		66-132%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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:	SS-14-2'	Date Sampled:	10/25/18
Lab Sample ID:	FA58739-40	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	90.4
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2524.D	1	10/30/18 19:01	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.11 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.30	0.073	mg/kg	
108-88-3	Toluene	0.0629	0.30	0.059	mg/kg	J
100-41-4	Ethylbenzene	ND	0.30	0.059	mg/kg	
1330-20-7	Xylene (total)	0.182	0.89	0.12	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-124%
17060-07-0	1,2-Dichloroethane-D4	116%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-14-2' Lab Sample ID: FA58739-40 Matrix: SO - Soil Method: SW846 8015C Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 10/25/18 Date Received: 10/26/18 Percent Solids: 90.4
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153123.D	1	10/31/18 01:56	KB	n/a	n/a	GCD6416
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.03 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.0	3.0	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	84%		56-149%		
98-08-8	aaa-Trifluorotoluene	82%		66-132%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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:	SS-15-2'	Date Sampled:	10/25/18
Lab Sample ID:	FA58739-41	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	88.6
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2525.D	1	10/30/18 19:27	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.42 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0896	0.29	0.071	mg/kg	J
108-88-3	Toluene	1.42	0.29	0.058	mg/kg	
100-41-4	Ethylbenzene	2.19	0.29	0.058	mg/kg	
1330-20-7	Xylene (total)	12.1	0.88	0.12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		75-124%
17060-07-0	1,2-Dichloroethane-D4	111%		72-135%
2037-26-5	Toluene-D8	97%		75-126%
460-00-4	4-Bromofluorobenzene	98%		71-133%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates 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: SS-15-2'	
Lab Sample ID: FA58739-41	Date Sampled: 10/25/18
Matrix: SO - Soil	Date Received: 10/26/18
Method: SW846 8015C	Percent Solids: 88.6
Project: Adam's Mini Mart; Goldsboro, NC	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084232.D	1	11/01/18 10:52	SH	n/a	n/a	GUV4421
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.42 g	5.0 ml	50.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	84.5	12	5.8	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	110%		56-149%		
98-08-8	aaa-Trifluorotoluene	112%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-16-2'	Date Sampled:	10/25/18
Lab Sample ID:	FA58739-42	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	91.1
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2526.D	1	10/30/18 19:52	SP	n/a	n/a	V3C99
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.14 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.29	0.071	mg/kg	
108-88-3	Toluene	0.115	0.29	0.058	mg/kg	J
100-41-4	Ethylbenzene	ND	0.29	0.058	mg/kg	
1330-20-7	Xylene (total)	ND	0.87	0.12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		75-124%
17060-07-0	1,2-Dichloroethane-D4	115%		72-135%
2037-26-5	Toluene-D8	96%		75-126%
460-00-4	4-Bromofluorobenzene	97%		71-133%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates 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: SS-16-2'		
Lab Sample ID: FA58739-42		Date Sampled: 10/25/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 91.1
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD153148.D	1	10/31/18 18:41	KB	n/a	n/a	GCD6417
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.24 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.7	2.9	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	81%		56-149%		
98-08-8	aaa-Trifluorotoluene	78%		66-132%		

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

Report of Analysis

Client Sample ID:	SS-17-2'	Date Sampled:	10/25/18
Lab Sample ID:	FA58739-43	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	93.7
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C2527.D	1	10/30/18 20:17	SP	n/a	n/a	V3C99
Run #2	2B10910.D	1	10/31/18 18:45	SP	n/a	n/a	V2B408

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.87 g	5.0 ml	100 ul
Run #2	4.87 g	5.0 ml	10.0 ul

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^a	0.882	2.9	0.58	mg/kg	J
71-43-2	Benzene	ND	0.29	0.071	mg/kg	
75-27-4	Bromodichloromethane	ND	0.29	0.058	mg/kg	
75-25-2	Bromoform	ND	0.29	0.058	mg/kg	
78-93-3	2-Butanone (MEK)	ND	1.5	0.42	mg/kg	
104-51-8	n-Butylbenzene	1.55	0.29	0.058	mg/kg	
75-15-0	Carbon Disulfide	ND	0.29	0.058	mg/kg	
56-23-5	Carbon Tetrachloride	ND	0.29	0.059	mg/kg	
108-90-7	Chlorobenzene	ND	0.29	0.058	mg/kg	
75-00-3	Chloroethane ^b	ND	0.29	0.12	mg/kg	
67-66-3	Chloroform	ND	0.29	0.077	mg/kg	
110-82-7	Cyclohexane	ND	0.29	0.073	mg/kg	
124-48-1	Dibromochloromethane	ND	0.29	0.058	mg/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.29	0.11	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.29	0.058	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.29	0.12	mg/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.29	0.058	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.29	0.058	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.29	0.067	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.29	0.10	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.29	0.058	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.29	0.058	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.29	0.080	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.29	0.058	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.29	0.058	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.29	0.058	mg/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	0.29	0.058	mg/kg	
100-41-4	Ethylbenzene	3.48	0.29	0.058	mg/kg	
591-78-6	2-Hexanone	ND	1.5	0.44	mg/kg	
98-82-8	Isopropylbenzene	0.996	0.29	0.058	mg/kg	
79-20-9	Methyl Acetate	ND	1.5	0.52	mg/kg	
74-83-9	Methyl Bromide	ND	0.29	0.12	mg/kg	

ND = Not detected

MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SS-17-2'	Date Sampled:	10/25/18
Lab Sample ID:	FA58739-43	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	93.7
Method:	SW846 8260B		
Project:	Adam's Mini Mart; Goldsboro, NC		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
74-87-3	Methyl Chloride ^b	ND	0.29	0.12	mg/kg	
108-87-2	Methylcyclohexane	ND	0.29	0.099	mg/kg	
75-09-2	Methylene Chloride ^a	0.790	0.58	0.23	mg/kg	B
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1.5	0.44	mg/kg	
1634-04-4	Methyl Tert Butyl Ether ^b	ND	0.29	0.058	mg/kg	
91-20-3	Naphthalene	6.70	0.29	0.12	mg/kg	
103-65-1	n-Propylbenzene	4.24	0.29	0.058	mg/kg	
100-42-5	Styrene	ND	0.29	0.058	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.29	0.058	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.29	0.074	mg/kg	
108-88-3	Toluene	0.493	0.29	0.058	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.29	0.058	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.29	0.058	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.29	0.058	mg/kg	
79-01-6	Trichloroethylene	ND	0.29	0.058	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.29	0.12	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	47.3 ^c	2.9	0.58	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	9.57	0.29	0.058	mg/kg	
75-01-4	Vinyl Chloride	ND	0.29	0.058	mg/kg	
1330-20-7	Xylene (total)	18.6	0.87	0.12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	101%	75-124%
17060-07-0	1,2-Dichloroethane-D4	114%	105%	72-135%
2037-26-5	Toluene-D8	97%	99%	75-126%
460-00-4	4-Bromofluorobenzene	101%	94%	71-133%

(a) Suspected laboratory contaminant. Associated CCV outside of control limits high.

(b) Associated CCV outside of control limits high, sample was ND.

(c) 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:	SS-17-2'	Date Sampled:	10/25/18
Lab Sample ID:	FA58739-43	Date Received:	10/26/18
Matrix:	SO - Soil	Percent Solids:	93.7
Method:	MADEP VPH REV 1.1		
Project:	Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UU026010.D	1	10/31/18 18:02	SH	n/a	n/a	GUU1349
Run #2	UU026009.D	1	10/31/18 17:31	SH	n/a	n/a	GUU1349

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.43 g	5.1 ml	100 ul
Run #2	4.43 g	5.1 ml	10.0 ul

MADEP VPH List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.065	0.065	mg/kg	
100-41-4	Ethylbenzene	1.76	0.13	0.065	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.13	0.065	mg/kg	
91-20-3	Naphthalene	4.13	0.32	0.19	mg/kg	
108-88-3	Toluene	0.299	0.13	0.065	mg/kg	
	m,p-Xylene	8.54	0.26	0.13	mg/kg	
95-47-6	o-Xylene	2.93	0.13	0.065	mg/kg	
	C5- C8 Aliphatics (Unadj.)	14.8	6.5	2.3	mg/kg	
	C9- C12 Aliphatics (Unadj.)	ND ^a	65	23	mg/kg	
	C9- C10 Aromatics (Unadj.)	83.0 ^a	65	23	mg/kg	
	C5- C8 Aliphatics	14.5	6.5	2.3	mg/kg	
	C9- C12 Aliphatics	ND ^a	65	23	mg/kg	
	C9- C10 Aromatics	83.0 ^a	65	23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	BFB	113%	100%	70-130%
460-00-4	BFB	101%	85%	70-130%

(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: T-26		
Lab Sample ID: FA58739-44		Date Sampled: 10/25/18
Matrix: SO - Soil		Date Received: 10/26/18
Method: SW846 8015C		Percent Solids: 90.9
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV084233.D	10	11/01/18 11:21	SH	n/a	n/a	GUV4421
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.51 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	852	270	140	mg/kg	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	114%		56-149%		
98-08-8	aaa-Trifluorotoluene	105%		66-132%		

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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



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

FA58739

SGS - ORLANDO JOB #: PAGE 1 OF 4

Client / Reporting Information			Project Information			Analytical Information										Matrix Codes	
Company Name: <i>Geological Resources</i>			Project Name: <i>Adam's Mini Mart</i>													DW - Drinking Water CW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge LIQ - Other Liquid AIR - Air SOL - Other Solid	
Address:			Street:														
City: <i>Monroe</i> State: <i>NC</i> Zip: <i>28110</i>			City: <i>Goldshera</i> State: <i>NC</i>														
Project Contact: <i>William Respathal</i> Email:			Project #:														
Phone #: <i>704 845 4016</i>			Fax #:														
Sampler(s) Name(s) (Printed)			Client Purchase Order #														
Sampler 1: <i>Ethan King</i>																	
Sampler 2:																	
SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION		CONTAINER INFORMATION										LAB USE ONLY			
		DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	FCI	NICHH	INSD	PERCA	INAOH/PNA		D/WATER	MEDIA	
1	T-1	10/23	830	ER	SO	3											
2	T-2		925														
3	T-3		925														
4	T-4		1118														
5	T-5		1121														
6	T-6		1134														
7	T-7		1225														
8	T-8		1310														
9	T-9		1320														
10	T-10		1326														
11	T-11		1435														
12	T-12		1503														
Turnaround Time (Business days)			Data Deliverable Information										Comments / Remarks				
<input checked="" type="checkbox"/> 10 Day (Business) <input type="checkbox"/> 7 Day <input type="checkbox"/> 5 Day <input type="checkbox"/> 3 Day RUSH <input type="checkbox"/> 2 Day RUSH <input type="checkbox"/> 1 Day RUSH <input type="checkbox"/> Other			Approved By: / Date:			<input type="checkbox"/> COMMERCIAL "A" (RESULTS ONLY) <input type="checkbox"/> COMMERCIAL "B" (RESULTS PLUS QC) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input type="checkbox"/> FULLTY (2822-c QUEEN CITY DR) <input type="checkbox"/> EDD'S CLT NC 28203											
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		Date Time:		Relinquished By/Affiliation		Date Time:		Received By/Affiliation					
1 <i>gtr</i>		10-25-18		2 <i>Fedex</i>				3				4					
5				6				7				8					
Lab Use Only: Cooler Temperature (s) Celsius (corrected): <i>4.4, 3.6</i>																	
http://www.sgs.com/en/terms-and-conditions																	

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

FA58739: Chain of Custody

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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

FA58739

SGS - ORLANDO JOB #: PAGE 2 OF 4

Client / Reporting Information		Project Information		Analytical Information										Matrix Codes															
Company Name: <i>Geological Resources</i>		Project Name: <i>Adam's Mini Mart</i>												DW - Drinking Water															
Address:		Street:												GW - Ground Water															
City: <i>Monroe</i> State: <i>NC</i> Zip: <i>28110</i>		City: <i>Goldsboro</i> State: <i>NC</i>												WW - Water															
Project Contact: <i>William Bezeneth</i> Email:		Project #:												SW - Surface Water															
Phone #: <i>704 845 4010</i>		Fax #:												SO - Soil															
Sampler(s) Name(s) (Printed)		Client Purchase Order #:												SL - Sludge															
Sampler 1: <i>Ethan Rogerson</i> Sampler 2:														LIQ - Other Liquid															
														AIR - Air															
														SOL - Other Solid															
														LAB USE ONLY															
SGS Orlando Sample #		Field ID / Point of Collection		DATE		TIME		SAMPLED BY:		MATRIX		TOTAL # OF BOTTLES		OTHER		NOISE		PCB		MNHG		PSSCH		MNHG/ZNK		DI WATER		MESH	
T13 →		13		10/23		1510		ER		50		3																	
T14 →		14		10/24		1000																							
T15 →		15		10/24		950																							
T16 →		16		10/24		1140																							
17 T17				10/24		1150																							
18 SS-1-4'				10/24		1152						6																	
19 SS-2-4'				10/24		1155						3																	
20 SS-3-4'				10/24		1158						3																	
21 SS-4-4'				10/24		1200						6																	
22 SS-5-4'				10/24		1204						3																	
23 T18				10/24		1317																							
24 T19				10/24		1335																							
Turnaround Time (Business days)				Data Deliverable Information										Comments / Remarks															
<input checked="" type="checkbox"/> 10 Day (Business) <input type="checkbox"/> 7 Day <input type="checkbox"/> 5 Day <input type="checkbox"/> 3 Day RUSH <input type="checkbox"/> 2 Day RUSH <input type="checkbox"/> 1 Day RUSH <input type="checkbox"/> Other				Approved By: / Date:				<input type="checkbox"/> COMMERCIAL "A" (RESULTS ONLY) <input type="checkbox"/> COMMERCIAL "B" (RESULTS ONLY) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input type="checkbox"/> FULLT1 (EPA LEVEL 4) <input type="checkbox"/> EDD'S										* Run if GLO > 50 mg/kg. ACCEPT: 3T 2828 QUEEN C'T' DR CLT NC 28208											
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		Date Time:		Relinquished By/Affiliation		Date Time:		Received By/Affiliation		Date Time:		Received By/Affiliation													
1 <i>[Signature]</i>		10-25-16		2 <i>Fedex</i>				3				4				5													
5				6				7				8				9													
Lab Use Only : Cooler Temperature (s) Celsius (corrected): <i>4.4, 3.6</i>				http://www.sgs.com/en/terms-and-conditions																									

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

FA58739: Chain of Custody

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SGS Sample Receipt Summary

Job Number: FA58739

Client: GRI

Project: ADAM'S MINI MART

Date / Time Received: 10/26/2018 9:00:00 AM

Delivery Method: FED EX

Airbill #'s: 812575718650

Therm ID: IR 1;

Therm CF: -0.2;

of Coolers: 2

Cooler Temps (Raw Measured) °C: Cooler 1: (4.6); Cooler 2: (3.8);

Cooler Temps (Corrected) °C: Cooler 1: (4.4); Cooler 2: (3.6);

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 _____
 Test Strip Lot #: pH 0-3 230315
 Residual Chlorine Test Strip Lot #: _____

Number of 5035 Field Kits: _____
 pH 10-12 219813A

Number of Lab Filtered Metals: _____
 Other: (Specify) _____

Comments

SM001
 Rev. Date 05/24/17

Technician: HEATHERW

Date: 10/26/2018 9:00:00 A

Reviewer: _____

Date: _____

FA58739: Chain of Custody

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4.1
4

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: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C98-MB	3C2493.D	1	10/26/18	SP	n/a	n/a	V3C98

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-18, FA58739-19, FA58739-20, FA58739-21, FA58739-22

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	5.0	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
108-88-3	Toluene	1.3	5.0	1.0	ug/kg	J
1330-20-7	Xylene (total)	ND	15	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
1868-53-7	Dibromofluoromethane	101%	75-124%
17060-07-0	1,2-Dichloroethane-D4	118%	72-135%
2037-26-5	Toluene-D8	97%	75-126%
460-00-4	4-Bromofluorobenzene	98%	71-133%

5.1.1
5

Method Blank Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C99-MB	3C2513.D	1	10/30/18	SP	n/a	n/a	V3C99

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-25, FA58739-26, FA58739-27, FA58739-32, FA58739-33, FA58739-34, FA58739-35, FA58739-38, FA58739-39, FA58739-40, FA58739-41, FA58739-42, FA58739-43

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	10	ug/kg	
71-43-2	Benzene	ND	5.0	1.2	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.0	ug/kg	
75-25-2	Bromoform	ND	5.0	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	25	7.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.0	ug/kg	
75-15-0	Carbon Disulfide	ND	5.0	1.0	ug/kg	
56-23-5	Carbon Tetrachloride	ND	5.0	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.3	ug/kg	
110-82-7	Cyclohexane	ND	5.0	1.3	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	5.0	1.0	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	5.0	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	1.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
591-78-6	2-Hexanone	ND	25	7.5	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.0	ug/kg	
79-20-9	Methyl Acetate	ND	25	8.9	ug/kg	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/kg	
74-87-3	Methyl Chloride	ND	5.0	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	5.0	1.7	ug/kg	
75-09-2	Methylene Chloride	5.6	10	4.0	ug/kg	J
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	25	7.5	ug/kg	

Method Blank Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C99-MB	3C2513.D	1	10/30/18	SP	n/a	n/a	V3C99

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-25, FA58739-26, FA58739-27, FA58739-32, FA58739-33, FA58739-34, FA58739-35, FA58739-38, FA58739-39, FA58739-40, FA58739-41, FA58739-42, FA58739-43

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.0	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.3	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
75-01-4	Vinyl Chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	15	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	100% 75-124%
17060-07-0	1,2-Dichloroethane-D4	114% 72-135%
2037-26-5	Toluene-D8	97% 75-126%
460-00-4	4-Bromofluorobenzene	97% 71-133%

5.1.2
5

Method Blank Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B408-MB	2B10901.D	1	10/31/18	SP	n/a	n/a	V2B408

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-43

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
1868-53-7	Dibromofluoromethane	99%	75-124%
17060-07-0	1,2-Dichloroethane-D4	96%	72-135%
2037-26-5	Toluene-D8	99%	75-126%
460-00-4	4-Bromofluorobenzene	94%	71-133%

5.1.3
5

Blank Spike Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C98-BS	3C2494.D	1	10/26/18	SP	n/a	n/a	V3C98

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-18, FA58739-19, FA58739-20, FA58739-21, FA58739-22

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	51.6	103	76-126
100-41-4	Ethylbenzene	50	51.6	103	77-123
108-88-3	Toluene	50	48.9	98	76-124
1330-20-7	Xylene (total)	150	156	104	80-129

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	75-124%
17060-07-0	1,2-Dichloroethane-D4	110%	72-135%
2037-26-5	Toluene-D8	99%	75-126%
460-00-4	4-Bromofluorobenzene	99%	71-133%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C99-BS	3C2514.D	1	10/30/18	SP	n/a	n/a	V3C99

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-25, FA58739-26, FA58739-27, FA58739-32, FA58739-33, FA58739-34, FA58739-35, FA58739-38, FA58739-39, FA58739-40, FA58739-41, FA58739-42, FA58739-43

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	321	128	61-152
71-43-2	Benzene	50	53.2	106	76-126
75-27-4	Bromodichloromethane	50	58.1	116	74-130
75-25-2	Bromoform	50	55.3	111	76-127
78-93-3	2-Butanone (MEK)	250	295	118	75-137
104-51-8	n-Butylbenzene	50	57.1	114	71-128
75-15-0	Carbon Disulfide	50	49.0	98	72-122
56-23-5	Carbon Tetrachloride	50	51.4	103	78-133
108-90-7	Chlorobenzene	50	50.7	101	81-129
75-00-3	Chloroethane	50	65.4	131	68-133
67-66-3	Chloroform	50	55.7	111	72-123
110-82-7	Cyclohexane	50	53.3	107	73-126
124-48-1	Dibromochloromethane	50	55.8	112	76-127
96-12-8	1,2-Dibromo-3-chloropropane	50	50.2	100	70-137
106-93-4	1,2-Dibromoethane	50	53.8	108	77-126
75-71-8	Dichlorodifluoromethane	50	70.1	140	68-168
95-50-1	1,2-Dichlorobenzene	50	51.5	103	80-129
541-73-1	1,3-Dichlorobenzene	50	53.1	106	81-129
106-46-7	1,4-Dichlorobenzene	50	52.5	105	76-130
75-34-3	1,1-Dichloroethane	50	57.0	114	73-125
107-06-2	1,2-Dichloroethane	50	60.4	121	74-128
75-35-4	1,1-Dichloroethylene	50	54.4	109	81-136
156-59-2	cis-1,2-Dichloroethylene	50	51.4	103	74-126
156-60-5	trans-1,2-Dichloroethylene	50	54.7	109	70-127
78-87-5	1,2-Dichloropropane	50	57.0	114	74-125
10061-01-5	cis-1,3-Dichloropropene	50	55.4	111	80-123
10061-02-6	trans-1,3-Dichloropropene	50	59.8	120	75-131
100-41-4	Ethylbenzene	50	52.9	106	77-123
591-78-6	2-Hexanone	250	298	119	72-133
98-82-8	Isopropylbenzene	50	53.4	107	80-136
79-20-9	Methyl Acetate	250	312	125	67-137
74-83-9	Methyl Bromide	50	60.7	121	65-139
74-87-3	Methyl Chloride	50	60.7	121	71-144
108-87-2	Methylcyclohexane	50	52.5	105	75-128
75-09-2	Methylene Chloride	50	61.7	123	74-137
108-10-1	4-Methyl-2-pentanone (MIBK)	250	305	122	76-132

* = Outside of Control Limits.

5.2.2
5

Blank Spike Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3C99-BS	3C2514.D	1	10/30/18	SP	n/a	n/a	V3C99

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-25, FA58739-26, FA58739-27, FA58739-32, FA58739-33, FA58739-34, FA58739-35, FA58739-38, FA58739-39, FA58739-40, FA58739-41, FA58739-42, FA58739-43

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	50	58.7	117	77-120
91-20-3	Naphthalene	50	47.2	94	79-129
103-65-1	n-Propylbenzene	50	54.1	108	80-135
100-42-5	Styrene	50	52.2	104	78-125
79-34-5	1,1,2,2-Tetrachloroethane	50	57.7	115	71-126
127-18-4	Tetrachloroethylene	50	49.9	100	79-130
108-88-3	Toluene	50	50.0	100	76-124
120-82-1	1,2,4-Trichlorobenzene	50	51.1	102	78-130
71-55-6	1,1,1-Trichloroethane	50	52.3	105	70-129
79-00-5	1,1,2-Trichloroethane	50	56.8	114	74-124
79-01-6	Trichloroethylene	50	53.8	108	75-128
75-69-4	Trichlorofluoromethane	50	57.6	115	73-145
108-67-8	1,3,5-Trimethylbenzene	50	53.3	107	73-122
75-01-4	Vinyl Chloride	50	56.2	112	76-141
1330-20-7	Xylene (total)	150	160	107	80-129

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	75-124%
17060-07-0	1,2-Dichloroethane-D4	111%	72-135%
2037-26-5	Toluene-D8	98%	75-126%
460-00-4	4-Bromofluorobenzene	98%	71-133%

* = Outside of Control Limits.

5.2.2
5

Blank Spike Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B408-BS	2B10900.D	1	10/31/18	SP	n/a	n/a	V2B408

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-43

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	47.4	95	74-123

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	75-124%
17060-07-0	1,2-Dichloroethane-D4	98%	72-135%
2037-26-5	Toluene-D8	100%	75-126%
460-00-4	4-Bromofluorobenzene	98%	71-133%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58682-6MS	3C2500.D	1	10/26/18	SP	n/a	n/a	V3C98
FA58682-6MSD	3C2501.D	1	10/26/18	SP	n/a	n/a	V3C98
FA58682-6	3C2495.D	1	10/26/18	SP	n/a	n/a	V3C98

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-18, FA58739-19, FA58739-20, FA58739-21, FA58739-22

CAS No.	Compound	FA58682-6 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	6.3 U	64.6	52.9	82	54.2	40.8	75*	26	76-126/26
100-41-4	Ethylbenzene	6.3 U	64.6	41.9	65*	54.2	29.8	55*	34*	77-123/31
108-88-3	Toluene	6.3 U	64.6	47.4	73*	54.2	35.4	65*	29	76-124/30
1330-20-7	Xylene (total)	19 U	194	123	64*	162	87.2	54*	34*	80-129/30

CAS No.	Surrogate Recoveries	MS	MSD	FA58682-6	Limits
1868-53-7	Dibromofluoromethane	100%	101%	106%	75-124%
17060-07-0	1,2-Dichloroethane-D4	111%	111%	125%	72-135%
2037-26-5	Toluene-D8	104%	104%	104%	75-126%
460-00-4	4-Bromofluorobenzene	112%	112%	112%	71-133%

* = Outside of Control Limits.

5.3.1
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58765-3MS	3C2536.D	1	10/31/18	SP	n/a	n/a	V3C99
FA58765-3MSD	3C2537.D	1	10/31/18	SP	n/a	n/a	V3C99
FA58765-3 ^a	3C2530.D	1	10/30/18	SP	n/a	n/a	V3C99

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-25, FA58739-26, FA58739-27, FA58739-32, FA58739-33, FA58739-34, FA58739-35, FA58739-38, FA58739-39, FA58739-40, FA58739-41, FA58739-42, FA58739-43

CAS No.	Compound	FA58765-3 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	132		344	69	345	367	68	1	61-152/27
71-43-2	Benzene	5.8 U		68.8	35.8	52*	68.9	37.7	5	76-126/26
75-27-4	Bromodichloromethane	5.8 U		68.8	34.0	49*	68.9	36.3	7	74-130/25
75-25-2	Bromoform	5.8 U		68.8	18.1	26*	68.9	20.1	10	76-127/26
78-93-3	2-Butanone (MEK)	9.9	I	344	294	83	345	293	0	75-137/25
104-51-8	n-Butylbenzene	5.8 U		68.8	5.7	8*	68.9	5.7	0	71-128/35
75-15-0	Carbon Disulfide	5.8 U		68.8	31.6	46*	68.9	32.2	2	72-122/29
56-23-5	Carbon Tetrachloride	5.8 U		68.8	26.4	38*	68.9	27.5	4	78-133/29
108-90-7	Chlorobenzene	5.8 U		68.8	18.9	27*	68.9	20.2	7	81-129/29
75-00-3	Chloroethane	5.8 U		68.8	56.0	81	68.9	57.9	3	68-133/29
67-66-3	Chloroform	5.8 U		68.8	42.1	61*	68.9	43.6	4	72-123/26
110-82-7	Cyclohexane	5.8 U		68.8	20.3	30*	68.9	20.2	0	73-126/32
124-48-1	Dibromochloromethane	5.8 U		68.8	26.1	38*	68.9	28.0	7	76-127/27
96-12-8	1,2-Dibromo-3-chloropropane	5.8 U		68.8	16.3	24*	68.9	17.7	8	70-137/29
106-93-4	1,2-Dibromoethane	5.8 U		68.8	31.0	45*	68.9	32.8	6	77-126/26
75-71-8	Dichlorodifluoromethane	5.8 U		68.8	51.1	74	68.9	51.7	1	68-168/29
95-50-1	1,2-Dichlorobenzene	5.8 U		68.8	8.3	12*	68.9	8.4	1	80-129/32
541-73-1	1,3-Dichlorobenzene	5.8 U		68.8	8.2	12*	68.9	8.2	0	81-129/33
106-46-7	1,4-Dichlorobenzene	5.8 U		68.8	10.2	15*	68.9	10.4	2	76-130/32
75-34-3	1,1-Dichloroethane	5.8 U		68.8	46.5	68*	68.9	47.9	3	73-125/27
107-06-2	1,2-Dichloroethane	5.8 U		68.8	50.4	73*	68.9	51.9	3	74-128/23
75-35-4	1,1-Dichloroethylene	5.8 U		68.8	42.7	62*	68.9	42.9	0	81-136/28
156-59-2	cis-1,2-Dichloroethylene	5.8 U		68.8	39.8	58*	68.9	41.1	3	74-126/26
156-60-5	trans-1,2-Dichloroethylene	5.8 U		68.8	42.2	61*	68.9	43.1	2	70-127/27
78-87-5	1,2-Dichloropropane	5.8 U		68.8	39.1	57*	68.9	41.1	5	74-125/25
10061-01-5	cis-1,3-Dichloropropene	5.8 U		68.8	31.3	46*	68.9	32.7	4	80-123/26
10061-02-6	trans-1,3-Dichloropropene	5.8 U		68.8	32.0	47*	68.9	33.5	5	75-131/28
100-41-4	Ethylbenzene	2.0	I	68.8	14.7	18*	68.9	15.7	7	77-123/31
591-78-6	2-Hexanone	29 U		344	252	73	345	260	3	72-133/26
98-82-8	Isopropylbenzene	5.8 U		68.8	9.3	14*	68.9	10	7	80-136/32
79-20-9	Methyl Acetate	29 U		344	502	146*	345	481	4	67-137/30
74-83-9	Methyl Bromide	5.8 U		68.8	49.3	72	68.9	53.7	9	65-139/31
74-87-3	Methyl Chloride	5.8 U		68.8	55.5	81	68.9	55.7	0	71-144/27
108-87-2	Methylcyclohexane	5.8 U		68.8	13.1	19*	68.9	12.9	2	75-128/31
75-09-2	Methylene Chloride	12 U		68.8	72.4	105	68.9	75.3	4	74-137/28
108-10-1	4-Methyl-2-pentanone (MIBK)	29 U		344	281	82	345	287	2	76-132/26

* = Outside of Control Limits.

5.3.2
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58765-3MS	3C2536.D	1	10/31/18	SP	n/a	n/a	V3C99
FA58765-3MSD	3C2537.D	1	10/31/18	SP	n/a	n/a	V3C99
FA58765-3 ^a	3C2530.D	1	10/30/18	SP	n/a	n/a	V3C99

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-25, FA58739-26, FA58739-27, FA58739-32, FA58739-33, FA58739-34, FA58739-35, FA58739-38, FA58739-39, FA58739-40, FA58739-41, FA58739-42, FA58739-43

CAS No.	Compound	FA58765-3 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	5.8 U	68.8	62.5	91	68.9	62.1	90	1	77-120/24
91-20-3	Naphthalene	5.8 U	68.8	5.1	7*	68.9	5.0	7*	2	79-129/33
103-65-1	n-Propylbenzene	5.8 U	68.8	9.7	14*	68.9	10.1	15*	4	80-135/33
100-42-5	Styrene	5.8 U	68.8	12.6	18*	68.9	13.6	20*	8	78-125/30
79-34-5	1,1,2,2-Tetrachloroethane	5.8 U	68.8	28.8	42*	68.9	29.8	43*	3	71-126/30
127-18-4	Tetrachloroethylene	5.8 U	68.8	14.8	22*	68.9	15.8	23*	7	79-130/31
108-88-3	Toluene	5.8 U	68.8	23.8	35*	68.9	25.2	37*	6	76-124/30
120-82-1	1,2,4-Trichlorobenzene	5.8 U	68.8	3.6	5*	68.9	3.4	5*	6	78-130/34
71-55-6	1,1,1-Trichloroethane	5.8 U	68.8	34.5	50*	68.9	35.6	52*	3	70-129/27
79-00-5	1,1,2-Trichloroethane	5.8 U	68.8	36.9	54*	68.9	38.7	56*	5	74-124/28
79-01-6	Trichloroethylene	5.8 U	68.8	34.1	50*	68.9	35.8	52*	5	75-128/27
75-69-4	Trichlorofluoromethane	5.8 U	68.8	38.6	56*	68.9	38.1	55*	1	73-145/31
108-67-8	1,3,5-Trimethylbenzene	5.8 U	68.8	8.5	12*	68.9	8.8	13*	3	73-122/33
75-01-4	Vinyl Chloride	5.8 U	68.8	48.9	71*	68.9	49.6	72*	1	76-141/27
1330-20-7	Xylene (total)	18 U	206	42.2	20*	207	45.2	22*	7	80-129/30

CAS No.	Surrogate Recoveries	MS	MSD	FA58765-3	Limits
1868-53-7	Dibromofluoromethane	102%	102%	108%	75-124%
17060-07-0	1,2-Dichloroethane-D4	111%	115%	124%	72-135%
2037-26-5	Toluene-D8	100%	100%	105%	75-126%
460-00-4	4-Bromofluorobenzene	112%	112%	132%	71-133%

(a) Associated internal standard response outside control limits. Confirmed by reanalysis.

* = Outside of Control Limits.

5.3.2
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58841-2MS	2B10923.D	1	11/01/18	SP	n/a	n/a	V2B408
FA58841-2MSD	2B10924.D	1	11/01/18	SP	n/a	n/a	V2B408
FA58841-2	2B10913.D	1	10/31/18	SP	n/a	n/a	V2B408

The QC reported here applies to the following samples:

Method: SW846 8260B

FA58739-43

CAS No.	Compound	FA58841-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	4.6 U	61.9	56.0	90	61.5	51.7	84	8	74-123/34

CAS No.	Surrogate Recoveries	MS	MSD	FA58841-2	Limits
1868-53-7	Dibromofluoromethane	100%	101%	100%	75-124%
17060-07-0	1,2-Dichloroethane-D4	100%	99%	103%	72-135%
2037-26-5	Toluene-D8	104%	106%	116%	75-126%
460-00-4	4-Bromofluorobenzene	120%	118%	120%	71-133%

* = Outside of Control Limits.

5.3.3
5

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: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUU1349-MB	UU026008.D	1	10/31/18	SH	n/a	n/a	GUU1349

The QC reported here applies to the following samples:

Method: MADEP VPH REV 1.1

FA58739-43

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	51	51	ug/kg	
100-41-4	Ethylbenzene	ND	100	51	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	51	ug/kg	
91-20-3	Naphthalene	ND	260	150	ug/kg	
108-88-3	Toluene	ND	100	51	ug/kg	
95-47-6	m,p-Xylene	ND	200	100	ug/kg	
	o-Xylene	ND	100	51	ug/kg	
	C5- C8 Aliphatics (Unadj.)	ND	5100	1800	ug/kg	
	C9- C12 Aliphatics (Unadj.)	ND	5100	1800	ug/kg	
	C9- C10 Aromatics (Unadj.)	ND	5100	1800	ug/kg	
	C5- C8 Aliphatics	ND	5100	1800	ug/kg	
	C9- C12 Aliphatics	ND	5100	1800	ug/kg	
	C9- C10 Aromatics	ND	5100	1800	ug/kg	

CAS No.	Surrogate Recoveries	Limits
460-00-4	BFB	100% 70-130%
460-00-4	BFB	90% 70-130%

Method Blank Summary

Job Number: FA58739
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV4419-MB	UV084164.D	1	10/30/18	SH	n/a	n/a	GUV4419

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-4, FA58739-18, FA58739-19, FA58739-20

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Limits	
460-00-4	4-Bromofluorobenzene	90%	56-149%
98-08-8	aaa-Trifluorotoluene	96%	66-132%

Method Blank Summary

Job Number: FA58739
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD6416-MB	CD153098.D	1	10/30/18	KB	n/a	n/a	GCD6416

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-21, FA58739-22, FA58739-25, FA58739-26, FA58739-27, FA58739-39, FA58739-40

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Limits	
460-00-4	4-Bromofluorobenzene	74%	56-149%
98-08-8	aaa-Trifluorotoluene	77%	66-132%

Method Blank Summary

Job Number: FA58739
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV4420-MB	UV084198.D	1	10/31/18	SH	n/a	n/a	GUV4420

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-1, FA58739-2, FA58739-3, FA58739-5, FA58739-6, FA58739-7, FA58739-8, FA58739-9, FA58739-10, FA58739-11, FA58739-12, FA58739-13, FA58739-14, FA58739-15, FA58739-16, FA58739-17

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Limits	
460-00-4	4-Bromofluorobenzene	93%	56-149%
98-08-8	aaa-Trifluorotoluene	97%	66-132%

Method Blank Summary

Job Number: FA58739
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD6417-MB	CD153131.D	1	10/31/18	KB	n/a	n/a	GCD6417

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-23, FA58739-24, FA58739-28, FA58739-29, FA58739-30, FA58739-31, FA58739-32, FA58739-33, FA58739-34, FA58739-35, FA58739-36, FA58739-37, FA58739-38, FA58739-42

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Limits	
460-00-4	4-Bromofluorobenzene	74%	56-149%
98-08-8	aaa-Trifluorotoluene	78%	66-132%

Method Blank Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV4421-MB	UV084231.D	1	11/01/18	SH	n/a	n/a	GUV4421

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-41, FA58739-44

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries	Limits	
460-00-4	4-Bromofluorobenzene	92%	56-149%
98-08-8	aaa-Trifluorotoluene	95%	66-132%

Blank Spike Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV4419-BS	UV084163.D	1	10/30/18	SH	n/a	n/a	GUV4419

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-4, FA58739-18, FA58739-19, FA58739-20

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	22.4	112	74-128

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	104%	56-149%
98-08-8	aaa-Trifluorotoluene	112%	66-132%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD6416-BS	CD153097.D	1	10/30/18	KB	n/a	n/a	GCD6416

The QC reported here applies to the following samples: Method: SW846 8015C

FA58739-21, FA58739-22, FA58739-25, FA58739-26, FA58739-27, FA58739-39, FA58739-40

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	20.5	103	74-128

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	92%	56-149%
98-08-8	aaa-Trifluorotoluene	102%	66-132%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV4420-BS	UV084197.D	1	10/31/18	SH	n/a	n/a	GUV4420

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-1, FA58739-2, FA58739-3, FA58739-5, FA58739-6, FA58739-7, FA58739-8, FA58739-9, FA58739-10, FA58739-11, FA58739-12, FA58739-13, FA58739-14, FA58739-15, FA58739-16, FA58739-17

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	22.2	111	74-128

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	105%	56-149%
98-08-8	aaa-Trifluorotoluene	113%	66-132%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA58739
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD6417-BS	CD153130.D	1	10/31/18	KB	n/a	n/a	GCD6417

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-23, FA58739-24, FA58739-28, FA58739-29, FA58739-30, FA58739-31, FA58739-32, FA58739-33, FA58739-34, FA58739-35, FA58739-36, FA58739-37, FA58739-38, FA58739-42

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	20.2	101	74-128

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	94%	56-149%
98-08-8	aaa-Trifluorotoluene	102%	66-132%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV4421-BS	UV084230.D	1	11/01/18	SH	n/a	n/a	GUV4421

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-41, FA58739-44

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	22.2	111	74-128

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	102%	56-149%
98-08-8	aaa-Trifluorotoluene	111%	66-132%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUU1349-BS	UU026006.D	1	10/31/18	SH	n/a	n/a	GUU1349
GUU1349-BSD	UU026007.D	1	10/31/18	SH	n/a	n/a	GUU1349

The QC reported here applies to the following samples:

Method: MADEP VPH REV 1.1

FA58739-43

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	4160	4130	99	4030	97	2	70-130/25
100-41-4	Ethylbenzene	4160	4070	98	3940	95	3	70-130/25
1634-04-4	Methyl Tert Butyl Ether	4160	4110	99	4040	97	2	70-130/25
91-20-3	Naphthalene	4160	3360	81	3260	78	3	70-130/25
108-88-3	Toluene	4160	4190	101	4070	98	3	70-130/25
95-47-6	m,p-Xylene	8320	8120	98	7800	94	4	70-130/25
	o-Xylene	4160	4020	97	3900	94	3	70-130/25
	C5- C8 Aliphatics (Unadj.)	12500	15100	121	15200	122	1	70-130/25
	C9- C12 Aliphatics (Unadj.)	8320	8140	98	8740	105	7	70-130/25
	C9- C10 Aromatics (Unadj.)	4160	4650	112	4300	103	8	70-130/25
	C9- C10 Aromatics	4160	4650	112	4300	103	8	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	BFB	95%	90%	70-130%
460-00-4	BFB	87%	81%	70-130%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58739-43MS	UU026022.D	1	11/01/18	SH	n/a	n/a	GUU1349
FA58739-43	UU026009.D	1	10/31/18	SH	n/a	n/a	GUU1349
FA58739-43	UU026010.D	1	10/31/18	SH	n/a	n/a	GUU1349

The QC reported here applies to the following samples:

Method: MADEP VPH REV 1.1

FA58739-43

CAS No.	Compound	FA58739-43 ug/kg	Spike Q	MS ug/kg	MS %	Limits
71-43-2	Benzene	ND ^a	5290	5390	102	70-130
100-41-4	Ethylbenzene	1760 ^a	5290	6960	98	70-130
1634-04-4	Methyl Tert Butyl Ether	ND ^a	5290	5620	106	70-130
91-20-3	Naphthalene	4130 ^a	5290	9280	97	70-130
108-88-3	Toluene	299 ^a	5290	5770	103	70-130
95-47-6	m,p-Xylene	8540 ^a	10600	18900	98	70-130
	o-Xylene	2930 ^a	5290	8190	99	70-130
	C5- C8 Aliphatics (Unadj.)	14800 ^a	31700	30700	50*	70-130
	C9- C12 Aliphatics (Unadj.)	ND	26400	101000	382*	70-130
	C9- C10 Aromatics (Unadj.)	83000	15900	99400	103	70-130
	C9- C10 Aromatics	83000	15900	99400	103	70-130

CAS No.	Surrogate Recoveries	MS	FA58739-43	FA58739-43	Limits
460-00-4	BFB	115%	100%	113%	70-130%
460-00-4	BFB	102%	85%	101%	70-130%

(a) Result is from Run #2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58739-4MS	UV084191.D	1	10/31/18	SH	n/a	n/a	GUV4419
FA58739-4MSD	UV084192.D	1	10/31/18	SH	n/a	n/a	GUV4419
FA58739-4	UV084190.D	1	10/31/18	SH	n/a	n/a	GUV4419

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-4, FA58739-18, FA58739-19, FA58739-20

CAS No.	Compound	FA58739-4 mg/kg	Spike Q mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	197	117	301	89	117	323	108	7	74-128/17

CAS No.	Surrogate Recoveries	MS	MSD	FA58739-4	Limits
460-00-4	4-Bromofluorobenzene	146%	149%	147%	56-149%
98-08-8	aaa-Trifluorotoluene	118%	119%	106%	66-132%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58739-21MS	CD153124.D	1	10/31/18	KB	n/a	n/a	GCD6416
FA58739-21MSD	CD153125.D	1	10/31/18	KB	n/a	n/a	GCD6416
FA58739-21	CD153099.D	1	10/30/18	KB	n/a	n/a	GCD6416

The QC reported here applies to the following samples: Method: SW846 8015C

FA58739-21, FA58739-22, FA58739-25, FA58739-26, FA58739-27, FA58739-39, FA58739-40

CAS No.	Compound	FA58739-21 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	16.6	20.5	18.4	9*	20.5	18.8	11*	2	74-128/17

CAS No.	Surrogate Recoveries	MS	MSD	FA58739-21	Limits
460-00-4	4-Bromofluorobenzene	94%	91%	122%	56-149%
98-08-8	aaa-Trifluorotoluene	99%	98%	86%	66-132%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58763-3MS	CD153156.D	1	10/31/18	KB	n/a	n/a	GCD6417
FA58763-3MSD	CD153157.D	1	10/31/18	KB	n/a	n/a	GCD6417
FA58763-3	CD153155.D	1	10/31/18	KB	n/a	n/a	GCD6417

The QC reported here applies to the following samples: Method: SW846 8015C

FA58739-23, FA58739-24, FA58739-28, FA58739-29, FA58739-30, FA58739-31, FA58739-32, FA58739-33, FA58739-34, FA58739-35, FA58739-36, FA58739-37, FA58739-38, FA58739-42

CAS No.	Compound	FA58763-3 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND	39.5	37.8	96	39.5	35.6	90	6	74-128/17

CAS No.	Surrogate Recoveries	MS	MSD	FA58763-3	Limits
460-00-4	4-Bromofluorobenzene	89%	89%	79%	56-149%
98-08-8	aaa-Trifluorotoluene	98%	98%	79%	66-132%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58763-4MS	UV084224.D	1	10/31/18	SH	n/a	n/a	GUV4420
FA58763-4MSD	UV084225.D	1	10/31/18	SH	n/a	n/a	GUV4420
FA58763-4	UV084223.D	1	10/31/18	SH	n/a	n/a	GUV4420

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-1, FA58739-2, FA58739-3, FA58739-5, FA58739-6, FA58739-7, FA58739-8, FA58739-9, FA58739-10, FA58739-11, FA58739-12, FA58739-13, FA58739-14, FA58739-15, FA58739-16, FA58739-17

CAS No.	Compound	FA58763-4 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND	38.8	42.3	109	38.8	40.9	106	3	74-128/17

CAS No.	Surrogate Recoveries	MS	MSD	FA58763-4	Limits
460-00-4	4-Bromofluorobenzene	110%	111%	102%	56-149%
98-08-8	aaa-Trifluorotoluene	113%	113%	100%	66-132%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58763-8MS	UV084244.D	1	11/01/18	SH	n/a	n/a	GUV4421
FA58763-8MSD	UV084245.D	1	11/01/18	SH	n/a	n/a	GUV4421
FA58763-8	UV084239.D	1	11/01/18	SH	n/a	n/a	GUV4421

The QC reported here applies to the following samples:

Method: SW846 8015C

FA58739-41, FA58739-44

CAS No.	Compound	FA58763-8 mg/kg	Spike Q mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND	32.3	36.0	111	32.3	35.5	110	1	74-128/17

CAS No.	Surrogate Recoveries	MS	MSD	FA58763-8	Limits
460-00-4	4-Bromofluorobenzene	107%	105%	100%	56-149%
98-08-8	aaa-Trifluorotoluene	111%	110%	94%	66-132%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA58739
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA58739-43DUP	UU026021.D	1	10/31/18	SH	n/a	n/a	GUU1349
FA58739-43	UU026009.D	1	10/31/18	SH	n/a	n/a	GUU1349
FA58739-43	UU026010.D	1	10/31/18	SH	n/a	n/a	GUU1349

The QC reported here applies to the following samples:

Method: MADEP VPH REV 1.1

FA58739-43

CAS No.	Compound	FA58739-43 DUP		Q	RPD	Limits
		ug/kg	Q ug/kg			
71-43-2	Benzene	ND ^a	ND		nc	50
100-41-4	Ethylbenzene	1760 ^a	1760		0	50
1634-04-4	Methyl Tert Butyl Ether	ND ^a	ND		nc	50
91-20-3	Naphthalene	4130 ^a	4470		8	50
108-88-3	Toluene	299 ^a	292		2	50
95-47-6	m,p-Xylene	8540 ^a	8560		0	50
	o-Xylene	2930 ^a	2980		2	50
	C5- C8 Aliphatics (Unadj.)	14800 ^a	14900		1	50
	C9- C12 Aliphatics (Unadj.)	ND	59200	E	200*	50
	C9- C10 Aromatics (Unadj.)	83000	94100	E	13	50
	C5- C8 Aliphatics	14500 ^a	14600		1	50
	C9- C12 Aliphatics	ND	45900	E	200*	50
	C9- C10 Aromatics	83000	94100	E	13	50

CAS No.	Surrogate Recoveries	DUP	FA58739-43	FA58739-43	Limits
460-00-4	BFB	113%	100%	113%	70-130%
460-00-4	BFB	102%	85%	101%	70-130%

(a) Result is from Run #2.

* = Outside of Control Limits.

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.)

Adam's Mini Mart; Goldsboro, NC

SGS Job Number: FA59004

Sampling Date: 11/01/18

Report to:

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Total number of pages in report: 39



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)
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Test results relate only to samples analyzed.

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Sample Summary

GRI (Geological Resources Inc.)

Job No: FA59004

Adam's Mini Mart; Goldsboro, NC

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
FA59004-1	11/01/18	12:21 ER	11/02/18	AQ	Ground Water	GMW-1

Summary of Hits

Job Number: FA59004
Account: GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC
Collected: 11/01/18

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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FA59004-1 GMW-1

Ethylbenzene	0.50	0.50	0.13	ug/l	SM 6200B
Methyl Chloride	0.23 J	0.50	0.20	ug/l	SM 6200B
Naphthalene	0.14 J	0.50	0.13	ug/l	SM 6200B
Toluene	0.46 J	0.50	0.13	ug/l	SM 6200B
1,2,4-Trimethylbenzene	0.56	0.50	0.13	ug/l	SM 6200B
1,3,5-Trimethylbenzene	0.13 J	0.50	0.13	ug/l	SM 6200B
m,p-Xylene	1.2	1.0	0.13	ug/l	SM 6200B
o-Xylene	0.48 J	0.50	0.13	ug/l	SM 6200B
Xylene (total)	1.7	1.5	0.25	ug/l	SM 6200B
Lead	114	5.0		ug/l	SW846 6010D

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: GMW-1		
Lab Sample ID: FA59004-1		Date Sampled: 11/01/18
Matrix: AQ - Ground Water		Date Received: 11/02/18
Method: SM 6200B		Percent Solids: n/a
Project: Adam's Mini Mart; Goldsboro, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	A0215956.D	1	11/07/18 11:54	AB	n/a	n/a	VA2483
Run #2							

Run #	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 6200B List

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.13	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.13	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.13	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.13	ug/l	
75-25-2	Bromoform	ND	0.50	0.13	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.13	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.13	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.13	ug/l	
56-23-5	Carbon Tetrachloride	ND	0.50	0.13	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.13	ug/l	
75-00-3	Chloroethane	ND	0.50	0.20	ug/l	
67-66-3	Chloroform	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.13	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.13	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	0.25	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.13	ug/l	
75-71-8	Dichlorodifluoromethane	ND	0.50	0.20	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	0.50	0.13	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	0.50	0.13	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	0.50	0.13	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.13	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.13	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.13	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.13	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.13	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.13	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.13	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.13	ug/l	

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

Report of Analysis

Client Sample ID: GMW-1	
Lab Sample ID: FA59004-1	Date Sampled: 11/01/18
Matrix: AQ - Ground Water	Date Received: 11/02/18
Method: SM 6200B	Percent Solids: n/a
Project: Adam's Mini Mart; Goldsboro, NC	

VOA 6200B List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

(a) Associated CCV and BS 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

3.1
3

Client Sample ID: GMW-1 Lab Sample ID: FA59004-1 Matrix: AQ - Ground Water Method: EPA 504.1 EPA 504.1 Project: Adam's Mini Mart; Goldsboro, NC	Date Sampled: 11/01/18 Date Received: 11/02/18 Percent Solids: n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD103242.D	1	11/07/18 20:54	KH	11/07/18 15:00	OP72544	GDD2975
Run #2							

Run #	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	117%		63-137%		

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit 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: GMW-1	Date Sampled: 11/01/18
Lab Sample ID: FA59004-1	Date Received: 11/02/18
Matrix: AQ - Ground Water	Percent Solids: n/a
Project: Adam's Mini Mart; Goldsboro, NC	

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	114	5.0	ug/l	1	11/08/18	11/09/18 LM	SW846 6010D ¹	SW846 3010A ²

(1) Instrument QC Batch: MA15369

(2) Prep QC Batch: MP34627

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



ACCUTEST

SGS Accutest Chain of Custody

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

FA59004

SGS ACCUTEST JOB #: PAGE 1 OF 1

Client / Reporting Information		Project Information		Analytical Information										Matrix Codes			
Company Name: <u>GRI</u>		Project Name: <u>Adams Mini Mart</u>		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> 1 6200B + 0.1g samples 1 Lead 1 UPH 1 504.1 </div> <div style="border: 1px solid black; width: 100%; height: 100%;"></div> </div>										DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OI - Oil LIQ - Other Liquid AIR - Air			
Address: <u>3502 Hayes rd</u>		Street															
City: <u>Monroe</u> State: <u>NE</u> Zip: <u>28110</u>		City: <u>Coaldsboro</u> State: <u>NC</u>															
Project Contact: <u>William Regenthal</u>		Project #															
Phone #:		Fax #															
Sampler(s) Name(s) (Printed) Sampler 1: <u>Ethan Regenthal</u> Sampler 2:		Client Purchase Order #															
SGS Accutest Sample #	Field ID / Point of Collection	COLLECTION			CONTAINER INFORMATION										LAB USE ONLY		
		DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	HCl	HCl	HNO3	H2SO4	NaOH/NaAC		D) WATER	MEDIA
<u>1</u>	<u>GMW-1</u>	<u>11/29/18</u>	<u>12:11</u>	<u>ER</u>	<u>GW</u>	<u>8</u>											
Turnaround Time (Business days)		Data Deliverable Information		Comments / Remarks													
<input checked="" type="checkbox"/> 10 Day (Business) <input type="checkbox"/> 7 Day <input type="checkbox"/> 5 Day <input type="checkbox"/> 3 Day RUSH <input type="checkbox"/> 2 Day RUSH <input type="checkbox"/> 1 Day RUSH <input type="checkbox"/> Other		Approved By: / Date: _____ <input type="checkbox"/> COMMERCIAL "A" (RESULTS ONLY) <input type="checkbox"/> COMMERCIAL "B" (RESULTS PLUS QC) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input checked="" type="checkbox"/> FULL LEVEL 4 <input type="checkbox"/> EDD'S		ACCUTEST 2824 QUEEN CITY DR CLT NC 28223													
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		Date Time:		Relinquished By/Affiliation		Date Time:		Received By/Affiliation					
1 <u>[Signature]</u>		<u>11-1-18</u>		2 <u>FedEx</u>		<u>11/02/18</u>		3 <u>FedEx</u>		<u>11/02/18</u>		4 <u>[Signature]</u>					
5				6		7				8		900					
Lab Use Only: Cooler Temperature (s) Celsius: <u>4.2</u>																	

4.1
4



SGS Sample Receipt Summary

Job Number: FA59004

Client: GRI

Project: ADAMS MINI MART

Date / Time Received: 11/2/2018 9:00:00 AM

Delivery Method: FED EX

Airbill #'s: 812575716473

Therm ID: IR 1; Therm CF: -0.2; # of Coolers: 1

Cooler Temps (Raw Measured) °C: Cooler 1: (4.4);

Cooler Temps (Corrected) °C: Cooler 1: (4.2);

Cooler Information

	<u>Y</u>	<u>or</u>	<u>N</u>
1. Custody Seals Present	<input checked="" type="checkbox"/>		<input type="checkbox"/>
2. Custody Seals Intact	<input checked="" type="checkbox"/>		<input type="checkbox"/>
3. Temp criteria achieved	<input checked="" type="checkbox"/>		<input type="checkbox"/>
4. Cooler temp verification	<u>IR Gun</u>		
5. Cooler media	<u>Ice (Bag)</u>		

Sample Information

	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Sample labels present on bottles	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
2. Samples preserved properly	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
3. Sufficient volume/containers recvd for analysis:	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
4. Condition of sample	<u>Intact</u>			
5. Sample recvd within HT	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
6. Dates/Times/IDs on COC match Sample Label	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
7. VOCs have headspace	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Bottles received for unspecified tests	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
9. Compositing instructions clear	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Voa Soil Kits/Jars received past 48hrs?	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. % Solids Jar received?	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>
12. Residual Chlorine Present?	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Trip Blank Information

	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Trip Blank present / cooler	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Trip Blank listed on COC	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<u>W</u>	<u>or</u>	<u>S</u>	<u>N/A</u>
3. Type Of TB Received	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____
 Test Strip Lot #: pH 0-3 230315
 Residual Chlorine Test Strip Lot #: _____

Number of 5035 Field Kits: _____
 pH 10-12 219813A

Number of Lab Filtered Metals: _____
 Other: (Specify) _____

Comments TWO VIALS FOR VPH AND EDB.

SM001
Rev. Date 05/24/17

Technician: SHAYLAP

Date: 11/2/2018 9:00:00 AM

Reviewer: _____

Date: _____

FA59004: Chain of Custody

Page 2 of 2

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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: FA59004
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA2483-MB	A0215955.D	1	11/07/18	AB	n/a	n/a	VA2483

The QC reported here applies to the following samples:

Method: SM 6200B

FA59004-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.50	0.13	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.13	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.13	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.13	ug/l	
75-25-2	Bromoform	ND	0.50	0.13	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.13	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.13	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.13	ug/l	
56-23-5	Carbon Tetrachloride	ND	0.50	0.13	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.13	ug/l	
75-00-3	Chloroethane	ND	0.50	0.20	ug/l	
67-66-3	Chloroform	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.13	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.13	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.13	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.50	0.25	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.13	ug/l	
75-71-8	Dichlorodifluoromethane	ND	0.50	0.20	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	0.50	0.13	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	0.50	0.13	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	0.50	0.13	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.13	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.13	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.13	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.13	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.13	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.13	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.13	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.13	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.13	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.13	ug/l	
108-20-3	Di-Isopropyl Ether	ND	0.50	0.13	ug/l	
64-17-5	Ethyl Alcohol	ND	100	65	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.13	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	0.50	0.13	ug/l	

Method Blank Summary

Job Number: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA2483-MB	A0215955.D	1	11/07/18	AB	n/a	n/a	VA2483

The QC reported here applies to the following samples:

Method: SM 6200B

FA59004-1

CAS No.	Compound	Result	RL	MDL	Units	Q
87-68-3	Hexachlorobutadiene	ND	0.50	0.13	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.13	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.13	ug/l	
74-83-9	Methyl Bromide	ND	0.50	0.20	ug/l	
74-87-3	Methyl Chloride	ND	0.50	0.20	ug/l	
74-95-3	Methylene Bromide	ND	0.50	0.13	ug/l	
75-09-2	Methylene Chloride	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.13	ug/l	
91-20-3	Naphthalene	ND	0.50	0.13	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.13	ug/l	
100-42-5	Styrene	ND	0.50	0.13	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	10	2.0	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	1.0	0.20	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	2.0	ug/l	
762-75-4	Tert-Butyl Formate	ND	10	2.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.13	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.13	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.13	ug/l	
108-88-3	Toluene	ND	0.50	0.13	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.13	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.13	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.13	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.13	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.13	ug/l	
75-69-4	Trichlorofluoromethane	ND	0.50	0.20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.13	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.13	ug/l	
75-01-4	Vinyl Chloride	ND	0.50	0.13	ug/l	
	m,p-Xylene	ND	1.0	0.13	ug/l	
95-47-6	o-Xylene	ND	0.50	0.13	ug/l	
1330-20-7	Xylene (total)	ND	1.5	0.25	ug/l	

Method Blank Summary

Job Number: FA59004
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA2483-MB	A0215955.D	1	11/07/18	AB	n/a	n/a	VA2483

The QC reported here applies to the following samples:

Method: SM 6200B

FA59004-1

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	93%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	104%	70-130%

Blank Spike Summary

Job Number: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA2483-BS	A0215953.D	1	11/07/18	AB	n/a	n/a	VA2483

The QC reported here applies to the following samples:

Method: SM 6200B

FA59004-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	10	10.6	106	70-130
108-86-1	Bromobenzene	10	11.0	110	70-130
74-97-5	Bromochloromethane	10	8.9	89	70-130
75-27-4	Bromodichloromethane	10	10.1	101	70-130
75-25-2	Bromoform	10	9.1	91	70-130
104-51-8	n-Butylbenzene	10	11.3	113	70-130
135-98-8	sec-Butylbenzene	10	11.5	115	70-130
98-06-6	tert-Butylbenzene	10	10.7	107	70-130
56-23-5	Carbon Tetrachloride	10	11.6	116	70-130
108-90-7	Chlorobenzene	10	10.4	104	70-130
75-00-3	Chloroethane	10	8.9	89	60-140
67-66-3	Chloroform	10	9.7	97	70-130
95-49-8	o-Chlorotoluene	10	11.1	111	70-130
106-43-4	p-Chlorotoluene	10	11.0	110	70-130
124-48-1	Dibromochloromethane	10	9.9	99	70-130
96-12-8	1,2-Dibromo-3-chloropropane	10	8.4	84	70-130
106-93-4	1,2-Dibromoethane	10	10.2	102	70-130
75-71-8	Dichlorodifluoromethane	10	11.2	112	60-140
95-50-1	1,2-Dichlorobenzene	10	10.5	105	70-130
541-73-1	1,3-Dichlorobenzene	10	11.0	110	70-130
106-46-7	1,4-Dichlorobenzene	10	10.6	106	70-130
75-34-3	1,1-Dichloroethane	10	10.6	106	70-130
107-06-2	1,2-Dichloroethane	10	9.7	97	70-130
75-35-4	1,1-Dichloroethylene	10	10.2	102	70-130
156-59-2	cis-1,2-Dichloroethylene	10	10.2	102	70-130
156-60-5	trans-1,2-Dichloroethylene	10	10.4	104	70-130
78-87-5	1,2-Dichloropropane	10	10.5	105	70-130
142-28-9	1,3-Dichloropropane	10	10.1	101	70-130
594-20-7	2,2-Dichloropropane	10	10.5	105	70-130
563-58-6	1,1-Dichloropropene	10	10.8	108	70-130
10061-01-5	cis-1,3-Dichloropropene	10	9.3	93	70-130
10061-02-6	trans-1,3-Dichloropropene	10	10.4	104	70-130
108-20-3	Di-Isopropyl Ether	10	8.7	87	70-130
64-17-5	Ethyl Alcohol	500	826	165*	70-130
100-41-4	Ethylbenzene	10	10.4	104	70-130
637-92-3	Ethyl Tert Butyl Ether	10	8.7	87	70-130

* = Outside of Control Limits.

5.2.1
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Blank Spike Summary

Job Number: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA2483-BS	A0215953.D	1	11/07/18	AB	n/a	n/a	VA2483

The QC reported here applies to the following samples:

Method: SM 6200B

FA59004-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
87-68-3	Hexachlorobutadiene	10	10.9	109	70-130
98-82-8	Isopropylbenzene	10	10.8	108	70-130
99-87-6	p-Isopropyltoluene	10	11.3	113	70-130
74-83-9	Methyl Bromide	10	8.4	84	60-140
74-87-3	Methyl Chloride	10	10.7	107	60-140
74-95-3	Methylene Bromide	10	9.8	98	70-130
75-09-2	Methylene Chloride	10	9.9	99	70-130
1634-04-4	Methyl Tert Butyl Ether	10	8.7	87	70-130
91-20-3	Naphthalene	10	10.7	107	70-130
103-65-1	n-Propylbenzene	10	11.3	113	70-130
100-42-5	Styrene	10	10.2	102	70-130
75-85-4	Tert-Amyl Alcohol	100	97.6	98	70-130
994-05-8	Tert-Amyl Methyl Ether	10	8.5	85	70-130
75-65-0	Tert-Butyl Alcohol	100	113	113	70-130
762-75-4	Tert-Butyl Formate	100	88.7	89	70-130
630-20-6	1,1,1,2-Tetrachloroethane	10	10.6	106	70-130
79-34-5	1,1,2,2-Tetrachloroethane	10	11.4	114	70-130
127-18-4	Tetrachloroethylene	10	10.5	105	70-130
108-88-3	Toluene	10	10.5	105	70-130
87-61-6	1,2,3-Trichlorobenzene	10	10.9	109	70-130
120-82-1	1,2,4-Trichlorobenzene	10	10.7	107	70-130
71-55-6	1,1,1-Trichloroethane	10	10.0	100	70-130
79-00-5	1,1,2-Trichloroethane	10	10.4	104	70-130
79-01-6	Trichloroethylene	10	10.3	103	70-130
75-69-4	Trichlorofluoromethane	10	10.3	103	60-140
96-18-4	1,2,3-Trichloropropane	10	10.7	107	70-130
95-63-6	1,2,4-Trimethylbenzene	10	10.6	106	70-130
108-67-8	1,3,5-Trimethylbenzene	10	11.1	111	70-130
75-01-4	Vinyl Chloride	10	10.1	101	60-140
	m,p-Xylene	20	20.9	105	70-130
95-47-6	o-Xylene	10	10.0	100	70-130
1330-20-7	Xylene (total)	30	30.9	103	70-130

* = Outside of Control Limits.

5.2.1
5

Blank Spike Summary

Job Number: FA59004
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VA2483-BS	A0215953.D	1	11/07/18	AB	n/a	n/a	VA2483

The QC reported here applies to the following samples:

Method: SM 6200B

FA59004-1

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
17060-07-0	1,2-Dichloroethane-D4	95%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	103%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA59004-1MS	A0215963.D	5	11/07/18	AB	n/a	n/a	VA2483
FA59004-1MSD	A0215964.D	5	11/07/18	AB	n/a	n/a	VA2483
FA59004-1	A0215956.D	1	11/07/18	AB	n/a	n/a	VA2483

The QC reported here applies to the following samples:

Method: SM 6200B

FA59004-1

CAS No.	Compound	FA59004-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	51.9	104	50	53.6	107	3	70-130/20
108-86-1	Bromobenzene	ND	50	53.1	106	50	55.4	111	4	70-130/20
74-97-5	Bromochloromethane	ND	50	43.1	86	50	44.5	89	3	70-130/20
75-27-4	Bromodichloromethane	ND	50	48.0	96	50	49.2	98	2	70-130/20
75-25-2	Bromoform	ND	50	37.6	75	50	38.3	77	2	70-130/20
104-51-8	n-Butylbenzene	ND	50	54.8	110	50	57.0	114	4	70-130/20
135-98-8	sec-Butylbenzene	ND	50	56.0	112	50	58.3	117	4	70-130/20
98-06-6	tert-Butylbenzene	ND	50	52.4	105	50	54.6	109	4	70-130/20
56-23-5	Carbon Tetrachloride	ND	50	54.3	109	50	55.5	111	2	70-130/20
108-90-7	Chlorobenzene	ND	50	51.3	103	50	52.7	105	3	70-130/20
75-00-3	Chloroethane	ND	50	45.4	91	50	51.7	103	13	60-140/20
67-66-3	Chloroform	ND	50	48.5	97	50	49.3	99	2	70-130/20
95-49-8	o-Chlorotoluene	ND	50	54.3	109	50	57.0	114	5	70-130/20
106-43-4	p-Chlorotoluene	ND	50	53.5	107	50	56.5	113	5	70-130/20
124-48-1	Dibromochloromethane	ND	50	43.7	87	50	44.6	89	2	70-130/20
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	39.3	79	50	40.5	81	3	70-130/20
106-93-4	1,2-Dibromoethane	ND	50	48.9	98	50	50.7	101	4	70-130/20
75-71-8	Dichlorodifluoromethane	ND	50	54.2	108	50	63.3	127	15	60-140/20
95-50-1	1,2-Dichlorobenzene	ND	50	51.4	103	50	52.9	106	3	70-130/20
541-73-1	1,3-Dichlorobenzene	ND	50	53.0	106	50	55.1	110	4	70-130/20
106-46-7	1,4-Dichlorobenzene	ND	50	51.3	103	50	53.0	106	3	70-130/20
75-34-3	1,1-Dichloroethane	ND	50	52.2	104	50	53.6	107	3	70-130/20
107-06-2	1,2-Dichloroethane	ND	50	47.6	95	50	48.6	97	2	70-130/20
75-35-4	1,1-Dichloroethylene	ND	50	50.1	100	50	51.5	103	3	70-130/20
156-59-2	cis-1,2-Dichloroethylene	ND	50	51.3	103	50	52.1	104	2	70-130/20
156-60-5	trans-1,2-Dichloroethylene	ND	50	51.7	103	50	52.5	105	2	70-130/20
78-87-5	1,2-Dichloropropane	ND	50	52.0	104	50	53.2	106	2	70-130/20
142-28-9	1,3-Dichloropropane	ND	50	49.0	98	50	51.2	102	4	70-130/20
594-20-7	2,2-Dichloropropane	ND	50	51.2	102	50	52.2	104	2	70-130/20
563-58-6	1,1-Dichloropropene	ND	50	52.8	106	50	53.9	108	2	70-130/20
10061-01-5	cis-1,3-Dichloropropene	ND	50	39.9	80	50	42.3	85	6	70-130/20
10061-02-6	trans-1,3-Dichloropropene	ND	50	45.3	91	50	47.8	96	5	70-130/20
108-20-3	Di-Isopropyl Ether	ND	50	42.8	86	50	44.2	88	3	70-130/20
64-17-5	Ethyl Alcohol	ND	2500	3160	126	2500	3730	149*	17	70-130/20
100-41-4	Ethylbenzene	0.50	50	51.2	101	50	52.6	104	3	70-130/20
637-92-3	Ethyl Tert Butyl Ether	ND	50	42.0	84	50	43.1	86	3	70-130/20

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA59004-1MS	A0215963.D	5	11/07/18	AB	n/a	n/a	VA2483
FA59004-1MSD	A0215964.D	5	11/07/18	AB	n/a	n/a	VA2483
FA59004-1	A0215956.D	1	11/07/18	AB	n/a	n/a	VA2483

The QC reported here applies to the following samples:

Method: SM 6200B

FA59004-1

CAS No.	Compound	FA59004-1 ug/l	Spike Q	ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
87-68-3	Hexachlorobutadiene	ND		50	52.1	104	50	53.5	107	3	70-130/20
98-82-8	Isopropylbenzene	ND		50	53.3	107	50	53.6	107	1	70-130/20
99-87-6	p-Isopropyltoluene	ND		50	55.2	110	50	57.3	115	4	70-130/20
74-83-9	Methyl Bromide	ND		50	45.3	91	50	50.6	101	11	60-140/20
74-87-3	Methyl Chloride	0.23	J	50	53.6	107	50	61.7	123	14	60-140/20
74-95-3	Methylene Bromide	ND		50	48.0	96	50	49.1	98	2	70-130/20
75-09-2	Methylene Chloride	ND		50	50.4	101	50	51.7	103	3	70-130/20
1634-04-4	Methyl Tert Butyl Ether	ND		50	41.6	83	50	42.8	86	3	70-130/20
91-20-3	Naphthalene	0.14	J	50	50.1	100	50	52.0	104	4	70-130/20
103-65-1	n-Propylbenzene	ND		50	55.1	110	50	57.6	115	4	70-130/20
100-42-5	Styrene	ND		50	48.9	98	50	50.4	101	3	70-130/20
75-85-4	Tert-Amyl Alcohol	ND		500	437	87	500	459	92	5	70-130/20
994-05-8	Tert-Amyl Methyl Ether	ND		50	40.8	82	50	42.0	84	3	70-130/20
75-65-0	Tert-Butyl Alcohol	ND		500	526	105	500	557	111	6	70-130/20
762-75-4	Tert-Butyl Formate	ND		500	421	84	500	409	82	3	70-130/20
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	51.5	103	50	52.5	105	2	70-130/20
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	57.3	115	50	59.1	118	3	70-130/20
127-18-4	Tetrachloroethylene	ND		50	52.2	104	50	52.3	105	0	70-130/20
108-88-3	Toluene	0.46	J	50	51.6	102	50	52.8	105	2	70-130/20
87-61-6	1,2,3-Trichlorobenzene	ND		50	51.0	102	50	53.3	107	4	70-130/20
120-82-1	1,2,4-Trichlorobenzene	ND		50	50.8	102	50	52.5	105	3	70-130/20
71-55-6	1,1,1-Trichloroethane	ND		50	49.5	99	50	50.2	100	1	70-130/20
79-00-5	1,1,2-Trichloroethane	ND		50	51.9	104	50	53.1	106	2	70-130/20
79-01-6	Trichloroethylene	ND		50	51.0	102	50	51.5	103	1	70-130/20
75-69-4	Trichlorofluoromethane	ND		50	50.9	102	50	58.6	117	14	60-140/20
96-18-4	1,2,3-Trichloropropane	ND		50	51.5	103	50	54.2	108	5	70-130/20
95-63-6	1,2,4-Trimethylbenzene	0.56		50	52.6	104	50	55.1	109	5	70-130/20
108-67-8	1,3,5-Trimethylbenzene	0.13	J	50	54.2	108	50	56.3	112	4	70-130/20
75-01-4	Vinyl Chloride	ND		50	49.5	99	50	57.3	115	15	60-140/20
	m,p-Xylene	1.2		100	103	102	100	105	104	2	70-130/20
95-47-6	o-Xylene	0.48	J	50	48.9	97	50	50.3	100	3	70-130/20
1330-20-7	Xylene (total)	1.7		150	152	100	150	155	102	2	70-130/20

* = Outside of Control Limits.

5.3.1
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA59004-1MS	A0215963.D	5	11/07/18	AB	n/a	n/a	VA2483
FA59004-1MSD	A0215964.D	5	11/07/18	AB	n/a	n/a	VA2483
FA59004-1	A0215956.D	1	11/07/18	AB	n/a	n/a	VA2483

The QC reported here applies to the following samples:

Method: SM 6200B

FA59004-1

CAS No.	Surrogate Recoveries	MS	MSD	FA59004-1	Limits
1868-53-7	Dibromofluoromethane	96%	95%	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	95%	95%	93%	70-130%
2037-26-5	Toluene-D8	98%	97%	99%	70-130%
460-00-4	4-Bromofluorobenzene	102%	104%	103%	70-130%

* = Outside of Control Limits.

5.3.1
5

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: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUU1353-MB	UU026097.D	1	11/06/18	SH	n/a	n/a	GUU1353

The QC reported here applies to the following samples:

Method: MADEP VPH REV 1.1

FA59004-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	1.0	ug/l	
100-41-4	Ethylbenzene	ND	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	1.0	ug/l	
91-20-3	Naphthalene	ND	5.0	3.0	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
95-47-6	m,p-Xylene	ND	4.0	2.0	ug/l	
	o-Xylene	ND	2.0	1.0	ug/l	
	C5- C8 Aliphatics (Unadj.)	ND	100	35	ug/l	
	C9- C12 Aliphatics (Unadj.)	ND	100	35	ug/l	
	C9- C10 Aromatics (Unadj.)	ND	100	35	ug/l	
	C5- C8 Aliphatics	ND	100	35	ug/l	
	C9- C12 Aliphatics	ND	100	35	ug/l	
	C9- C10 Aromatics	ND	100	35	ug/l	

CAS No.	Surrogate Recoveries	Limits
460-00-4	BFB	108% 70-130%
460-00-4	BFB	95% 70-130%

6.1.1
6

Method Blank Summary

Job Number: FA59004
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP72544-MB	DD103239.D	1	11/07/18	KH	11/07/18	OP72544	GDD2975

The QC reported here applies to the following samples:

Method: EPA 504.1

FA59004-1

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	108% 63-137%

6.1.2
6

Blank Spike Summary

Job Number: FA59004
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP72544-BS2	DD103240.D	1	11/07/18	KH	11/07/18	OP72544	GDD2975

The QC reported here applies to the following samples:

Method: EPA 504.1

FA59004-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.31	124	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	106%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA59004
Account: GRINCC GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP72544-BS	DD103257.D	1	11/08/18	KH	11/07/18	OP72544	GDD2976

The QC reported here applies to the following samples:

Method: EPA 504.1

FA59004-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.26	104	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	95%	63-137%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUU1353-BS	UU026095.D	1	11/06/18	SH	n/a	n/a	GUU1353
GUU1353-BSD	UU026096.D	1	11/06/18	SH	n/a	n/a	GUU1353

The QC reported here applies to the following samples:

Method: MADEP VPH REV 1.1

FA59004-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	80	74.8	94	73.3	92	2	70-130/25
100-41-4	Ethylbenzene	80	73.6	92	72.8	91	1	70-130/25
1634-04-4	Methyl Tert Butyl Ether	80	74.8	94	75.3	94	1	70-130/25
91-20-3	Naphthalene	80	63.8	80	61.9	77	3	70-130/25
108-88-3	Toluene	80	76.1	95	74.9	94	2	70-130/25
95-47-6	m,p-Xylene	160	146	91	144	90	1	70-130/25
	o-Xylene	80	73.1	91	71.9	90	2	70-130/25
	C5- C8 Aliphatics (Unadj.)	240	233	97	227	95	3	70-130/25
	C9- C12 Aliphatics (Unadj.)	160	147	92	141	88	4	70-130/25
	C9- C10 Aromatics (Unadj.)	80	81.0	101	78.5	98	3	70-130/25
	C9- C10 Aromatics	80	81.0	101	78.5	98	3	70-130/25

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	BFB	109%	107%	70-130%
460-00-4	BFB	96%	95%	70-130%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA59004-1MS	UU026101.D	1	11/06/18	SH	n/a	n/a	GUU1353
FA59004-1	UU026099.D	1	11/06/18	SH	n/a	n/a	GUU1353

The QC reported here applies to the following samples:

Method: MADEP VPH REV 1.1

FA59004-1

CAS No.	Compound	FA59004-1 ug/l	Spike Q	MS ug/l	MS %	Limits
71-43-2	Benzene	ND	80	70.3	88	70-130
100-41-4	Ethylbenzene	ND	80	69.8	87	70-130
1634-04-4	Methyl Tert Butyl Ether	ND	80	71.2	89	70-130
91-20-3	Naphthalene	ND	80	57.7	72	70-130
108-88-3	Toluene	ND	80	71.9	90	70-130
95-47-6	m,p-Xylene	ND	160	138	86	70-130
	o-Xylene	ND	80	69.2	87	70-130
	C5- C8 Aliphatics (Unadj.)	ND	480	226	47*	70-130
	C9- C12 Aliphatics (Unadj.)	ND	400	95.0	24*	70-130
	C9- C10 Aromatics (Unadj.)	ND	240	77.2	32*	70-130
	C9- C10 Aromatics	ND	240	77.2	32*	70-130

CAS No.	Surrogate Recoveries	MS	FA59004-1	Limits
460-00-4	BFB	102%	106%	70-130%
460-00-4	BFB	94%	96%	70-130%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA59004
 Account: GRINCC GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA59004-1DUP	UU026100.D	1	11/06/18	SH	n/a	n/a	GUU1353
FA59004-1	UU026099.D	1	11/06/18	SH	n/a	n/a	GUU1353

The QC reported here applies to the following samples:

Method: MADEP VPH REV 1.1

FA59004-1

CAS No.	Compound	FA59004-1		Q	RPD	Limits
		ug/l	DUP ug/l			
71-43-2	Benzene	ND	ND		nc	50
100-41-4	Ethylbenzene	ND	ND		nc	50
1634-04-4	Methyl Tert Butyl Ether	ND	ND		nc	50
91-20-3	Naphthalene	ND	ND		nc	50
108-88-3	Toluene	ND	ND		nc	50
95-47-6	m,p-Xylene	ND	ND		nc	50
	o-Xylene	ND	ND		nc	50
	C5- C8 Aliphatics (Unadj.)	ND	ND		nc	50
	C9- C12 Aliphatics (Unadj.)	ND	ND		nc	50
	C9- C10 Aromatics (Unadj.)	ND	ND		nc	50
	C5- C8 Aliphatics	ND	ND		nc	50
	C9- C12 Aliphatics	ND	ND		nc	50
	C9- C10 Aromatics	ND	ND		nc	50

CAS No.	Surrogate Recoveries	DUP	FA59004-1	Limits
460-00-4	BFB	92%	106%	70-130%
460-00-4	BFB	82%	96%	70-130%

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: FA59004
Account: GRINCC - GRI (Geological Resources Inc.)
Project: Adam's Mini Mart; Goldsboro, NC

QC Batch ID: MP34627
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 11/08/18

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	14	14		
Antimony	6.0	1	1		
Arsenic	10	1.3	1.3		
Barium	200	1	1		
Beryllium	4.0	.2	.2		
Cadmium	5.0	.2	.2		
Calcium	1000	50	50		
Chromium	10	1	1		
Cobalt	50	.2	.2		
Copper	25	1	1		
Iron	300	17	17		
Lead	5.0	1	1.1	-0.50	<5.0
Magnesium	5000	35	35		
Manganese	15	.5	1		
Molybdenum	50	.3	.3		
Nickel	40	.4	.4		
Potassium	10000	200	200		
Selenium	10	2.4	2.9		
Silver	10	.7	.7		
Sodium	10000	500	500		
Strontium	10	.5	.5		
Thallium	10	1.1	1.4		
Tin	50	.9	1		
Titanium	10	.5	1		
Vanadium	50	.5	.6		
Zinc	20	3	4.4		

Associated samples MP34627: FA59004-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA59004
 Account: GRINCC - GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

QC Batch ID: MP34627
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 11/08/18 11/08/18

Metal	FA59004-1 Original DUP		RPD	QC Limits	FA59004-1 Original MS		Spikelot MPFLICP2	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead	114	112	1.8	0-20	114	549	500	87.0	80-120
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Strontium									
Thallium	anr								
Tin									
Titanium									
Vanadium									
Zinc									

Associated samples MP34627: FA59004-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: FA59004
 Account: GRINCC - GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

QC Batch ID: MP34627
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 11/08/18

Metal	FA59004-1 Original MSD	SpikeLot MPFLICP2 % Rec	MSD RPD	QC Limit		
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead	114	550	500	87.2	0.2	20
Magnesium						
Manganese						
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium	anr					
Tin						
Titanium						
Vanadium						
Zinc						

Associated samples MP34627: FA59004-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

7.1.2
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: FA59004
 Account: GRINCC - GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

QC Batch ID: MP34627
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 11/08/18

Metal	BSP Result	Spikelot MPFLICP2	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead	464	500	92.8	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium				
Strontium				
Thallium	anr			
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP34627: FA59004-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.1.3
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: FA59004
 Account: GRINCC - GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

QC Batch ID: MP34627
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 11/08/18

Metal	FA59004-1 Original SDL 1:5	%DIF	QC Limits
Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Cadmium			
Calcium			
Chromium			
Cobalt			
Copper			
Iron			
Lead	114	97.3	14.4*(a) 0-10
Magnesium			
Manganese			
Molybdenum			
Nickel			
Potassium			
Selenium			
Silver			
Sodium			
Strontium			
Thallium	anr		
Tin			
Titanium			
Vanadium			
Zinc			

Associated samples MP34627: FA59004-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested
 (a) Serial dilution indicates possible matrix interference.

7.1.4
7

POST DIGESTATE SPIKE SUMMARY

Login Number: FA59004
 Account: GRINCC - GRI (Geological Resources Inc.)
 Project: Adam's Mini Mart; Goldsboro, NC

QC Batch ID: MP34627
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date:

11/08/18

Metal	Sample ml	Final ml	FA59004-1 Raw	PS Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Arsenic										
Barium										
Beryllium										
Cadmium										
Calcium										
Chromium										
Cobalt										
Copper										
Iron										
Lead	9.8	10	113.7	111.426	153.7	0.2	2.5	50	84.5	80-120
Magnesium										
Manganese										
Molybdenum										
Nickel										
Potassium										
Selenium										
Silver										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Vanadium										
Zinc										

Associated samples MP34627: FA59004-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

7.1.5
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