Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience
Site ID#: 02261
Date: 4/6/18
Field Personnel: Kaelon Schmidt
Drilling Company: Geological Resources, Inc
Driller's Name: Corey N. Buchanan
Driller's Certification Number: 2202-B
Weather Conditions: Sunny

Well Development Method

Surge Block ○ Submersible Pump ⊘ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	11B100638	serial no.	11B100638	serial no. 11B100638	serial no.	16030C04866O
pH=4.0	✓ 4	standard	✓ 1413		NTU=0.0	✓ 10
pH=7.0	✓ 7				NTU=1.0	✓ 200
pH=10.0	✓ 10				NTU=10.0	✓ 800

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ⊘ Direct Push ○
Air Rotary ○ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW 25 Well Casing Diameter 2 inches Borehole Diameter 6 inches
Depth to Ground Water (DGW) 19.79 ft. Screen Length/Slot Size 25 ft/0.010 in.
Total Well Depth (TWD) 37.61 ft. Screen Interval 12 ft. to 37 ft.
Length of water column (LWC=TWD-DGW) 17.9 ft. Type of Drilling Fluids used: None
Total Gallons of Water Removed: 6.75 gals. Drilling Fluids recovered N/A gals.

Time (military)	1235	1240	12.43	12.45			
pH (s.u.)*	5.60	5.52	5.46	5.42			
Specific Conductivity (mmhos/cm)*	55	67	47	47			
Water Temperature (C)*	20.39	20.60	20.65	21.14			
Turbidity (NTU) *	1000+	594	1000+	1000+			
Physical Characteristics (color/odor)	brown/-	Clear/-	brown/-	brown/-			
Water Level Measurement (ft) from TOC	33.63	17.17	33.91	Dry			
Total Well Depth (ft) from TOC	37.61	Same	Same	Same			
Cumulative Gallons Removed	0.75 gals	3.00 gals	6.00 gals	6.75 gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: used submersible pump to develop well. If dry allowed to recharge.

Driller Signature: Corey N. Buchanan Date: 4/6/18

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience Site ID#: 02261

Date: 4/6/18 Field Personnel: Kaelon Schmidt

Drilling Company: Geological Resources, Inc Driller's Name: Corey N. Buchanan

Driller's Certification Number: 2202-B Weather Conditions: Sunny

Well Development Method

Surge Block ○ Submersible Pump ⊘ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	11B100638	serial no.	11B100638	serial no. 11B100638	serial no.	160306048860
pH=4.0	✓ 4	standard	✓ 1413		NTU=0.0	✓ 10
pH=7.0	✓ 7				NTU=1.0	✓200
pH=10.0	✓ 10				NTU=10.0	✓800

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ⊘ Direct Push ○

Air Rotary ○ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW26 Well Casing Diameter 2 inches Borehole Diameter 6 inches

Depth to Ground Water (DGW) 21.39 ft. Screen Length/Slot Size 25 ft./0.010 in.

Total Well Depth (TWD) 37.47 ft. Screen Interval 12 ft. to 37 ft.

Length of water column (LWC=TWD-DGW) 16.08 ft. Type of Drilling Fluids used: None

Total Gallons of Water Removed: 8.25 gals. Drilling Fluids recovered N/A gals.

Time (military)	1217	1220	1222	0.26			
pH (s.u.)*	6.10	5.87	5.70	5.47			
Specific Conductivity (mmhos/cm)*	66	58	43	44			
Water Temperature (C)*	20.30	20.28	20.31	20.43			
Turbidity (NTU) *	1000+	1000+	1000+	1000+			
Physical Characteristics (color/odor)	brown/-	brown/-	brown/-	brown/-			
Water Level Measurement (ft) from TOC	24.11	27.61	30.62	Dry			
Total Well Depth (ft) from TOC	37.47	same	same	same			
Cumulative Gallons Removed	0.25 gals	2.75 gals	5.50 gals	8.25 gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: used submersible pump to develop well, if dry allowed to recharge

Driller Signature: Corey N. Buchanan Date: 4/6/18

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience Site ID#: 02261

Date: 4/6/18 Field Personnel: Kaelen Schmidt

Drilling Company: Geological Resources, Inc Driller's Name: COREY N. Buchman

Driller's Certification Number: 2202-B Weather Conditions: Sunny

Well Development Method

Surge Block ○ Submersible Pump ⊘ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	11B100638	serial no.	11B100638	serial no. 11B100638	serial no.	16030C04866O
pH=4.0	✓ 4	standard	✓ 1413		NTU=0.0	✓ 0
pH=7.0	✓ 7				NTU=1.0	✓ 200
pH=10.0	✓ 10				NTU=10.0	✓ 900

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ⊘ Direct Push ○

Air Rotary ○ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW27 Well Casing Diameter 2 inches Borehole Diameter 6 inches

Depth to Ground Water (DGW) 27.95 ft. Screen Length/Slot Size 25 ft/ 0.010 in.

Total Well Depth (TWD) 37.83 ft. Screen Interval 12 ft. to 37 ft.

Length of water column (LWC=TWD-DGW) 9.88 ft. Type of Drilling Fluids used: None

Total Gallons of Water Removed: 1.75 gals. Drilling Fluids recovered N/A gals.

Time (military)	1142	1143					
pH (s.u.)*	5.72	5.88					
Specific Conductivity (mmhos/cm)*	83	67					
Water Temperature (C)*	19.36	19.03					
Turbidity (NTU) *	1000+	490					
Physical Characteristics (color/odor)	brown/-	clear/-					
Water Level Measurement (ft) from TOC	30.96	Dry					
Total Well Depth (ft) from TOC	37.83	Same					
Cumulative Gallons Removed	0.25 gals	1.75 gals	gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: used submersible pump to develop well. If dry allowed to recharge

Driller Signature: Corey N. Buchman Date: 4/6/18

APPENDIX C

Laboratory Analytical Report – Ground Water Samples

SGS

Orlando, FL 04/25/18

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.)

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

02261/3289

SGS Job Number: FA53292

Sampling Dates: 04/10/18 - 04/11/18

Report to:

GRI

wsb@geologicalresourcesinc.com
carriekennedy@geologicalresourcesinc.com; jjr@geologicalresourcesinc.com; nml@geo
ATTN: Scott Ball

Total number of pages in report: **153**

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

Caitlin Brice, M.S.
General Manager

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.

Test results relate only to samples analyzed.

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Sample Summary

GRI (Geological Resources Inc.)

Job No: FA53292

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA53292-1	04/11/18	15:32	PMKS	04/12/18	AQ	Ground Water	02261 MW-1
FA53292-2	04/11/18	12:18	PMKS	04/12/18	AQ	Ground Water	02261 MW-2
FA53292-3	04/11/18	09:01	PMKS	04/12/18	AQ	Ground Water	02261 MW-3
FA53292-4	04/11/18	09:58	PMKS	04/12/18	AQ	Ground Water	02261 MW-4
FA53292-5	04/11/18	10:50	PMKS	04/12/18	AQ	Ground Water	02261 MW-5
FA53292-6	04/11/18	16:01	PMKS	04/12/18	AQ	Ground Water	02261 MW-6
FA53292-7	04/10/18	17:02	PMKS	04/12/18	AQ	Ground Water	02261 MW-7
FA53292-8	04/10/18	17:35	PMKS	04/12/18	AQ	Ground Water	02261 MW-8
FA53292-9	04/10/18	19:27	PMKS	04/12/18	AQ	Ground Water	02261 MW-9
FA53292-10	04/11/18	15:58	PMKS	04/12/18	AQ	Ground Water	02261 MW-10
FA53292-11	04/11/18	14:41	PMKS	04/12/18	AQ	Ground Water	02261 MW-11
FA53292-12	04/11/18	14:12	PMKS	04/12/18	AQ	Ground Water	02261 MW-12
FA53292-13	04/11/18	13:24	PMKS	04/12/18	AQ	Ground Water	02261 MW-13

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA53292

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA53292-14	04/11/18	17:23	PMKS	04/12/18	AQ	Ground Water	02261 MW-14
FA53292-15	04/11/18	15:08	PMKS	04/12/18	AQ	Ground Water	02261 MW-15
FA53292-16	04/10/18	18:06	PMKS	04/12/18	AQ	Ground Water	02261 MW-16
FA53292-17	04/10/18	18:49	PMKS	04/12/18	AQ	Ground Water	02261 MW-17
FA53292-18	04/10/18	19:45	PMKS	04/12/18	AQ	Ground Water	02261 MW-18
FA53292-19	04/11/18	14:15	PMKS	04/12/18	AQ	Ground Water	02261 MW-19
FA53292-20	04/11/18	14:35	PMKS	04/12/18	AQ	Ground Water	02261 MW-20
FA53292-21	04/11/18	14:03	PMKS	04/12/18	AQ	Ground Water	02261 MW-21
FA53292-22	04/11/18	13:05	PMKS	04/12/18	AQ	Ground Water	02261 MW-22
FA53292-23	04/11/18	16:45	PMKS	04/12/18	AQ	Ground Water	02261 MW-23
FA53292-24	04/11/18	11:44	PMKS	04/12/18	AQ	Ground Water	02261 MW-24
FA53292-25	04/11/18	09:22	PMKS	04/12/18	AQ	Ground Water	02261 MW-25
FA53292-26	04/11/18	10:02	PMKS	04/12/18	AQ	Ground Water	02261 MW-26

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA53292

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
FA53292-27	04/11/18	11:08 PMKS	04/12/18	AQ	Ground Water	02261 MW-27
FA53292-28	04/10/18	16:06 PMKS	04/12/18	AQ	Ground Water	02261 TW-1
FA53292-29	04/10/18	18:45 PMKS	04/12/18	AQ	Ground Water	02261 TW-2
FA53292-30	04/10/18	19:29 PMKS	04/12/18	AQ	Ground Water	02261 TW-3
FA53292-31	04/11/18	17:17 PMKS	04/12/18	AQ	Ground Water	02261 TW-4
FA53292-32	04/11/18	13:40 PMKS	04/12/18	AQ	Ground Water	02261 TW-5
FA53292-33	04/11/18	11:49 PMKS	04/12/18	AQ	Ground Water	02261 TW-6
FA53292-34	04/11/18	15:26 PMKS	04/12/18	AQ	Ground Water	02261 DUP A
FA53292-35	04/11/18	09:37 PMKS	04/12/18	AQ	Ground Water	02261 DUP B
FA53292-36	04/10/18	10:20 PMKS	04/12/18	DW	Drinking Water	02261 DUP C
FA53292-37	04/10/18	10:17 PMKS	04/12/18	DW	Drinking Water	02261 PW-3
FA53292-38	04/11/18	17:32 PMKS	04/12/18	AQ	Field Blank Water	02261 FB
FA53292-39	04/10/18	09:27 PMKS	04/12/18	AQ	Trip Blank Water	02261 TB

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA53292

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA53292-40	04/10/18	10:23	PMKS	04/12/18	DW	Drinking Water	FB 02261 PW FB
FA53292-41	04/10/18	09:27	PMKS	04/12/18	DW	Drinking Water	TB 02261 PW TB

Summary of Hits

Job Number: FA53292
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 04/10/18 thru 04/11/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA53292-1	**02261 MW-1**					
Benzene		9730	250	78	ug/l	SW846 8260B
Toluene		452	50	15	ug/l	SW846 8260B
Ethylbenzene		766	50	18	ug/l	SW846 8260B
Xylene (total)		4250	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1050	50	11	ug/l	SW846 8260B
Naphthalene		195 J	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		354	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		22400	1000	260	ug/l	SW846 8260B
Tert-Butyl Alcohol		20400	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane		32.7	0.95	0.48	ug/l	SW846 8011
FA53292-2	**02261 MW-2**					
No hits reported in this sample.						
FA53292-3	**02261 MW-3**					
No hits reported in this sample.						
FA53292-4	**02261 MW-4**					
1,2-Dibromoethane		0.30	0.019	0.0095	ug/l	SW846 8011
FA53292-5	**02261 MW-5**					
No hits reported in this sample.						
FA53292-6	**02261 MW-6**					
No hits reported in this sample.						
FA53292-7	**02261 MW-7**					
No hits reported in this sample.						
FA53292-8	**02261 MW-8**					
No hits reported in this sample.						
FA53292-9	**02261 MW-9**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA53292
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 04/10/18 thru 04/11/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA53292-10	**02261 MW-10**					
No hits reported in this sample.						
FA53292-11	**02261 MW-11**					
Benzene		630	10	3.1	ug/l	SW846 8260B
Toluene		89.2	10	3.0	ug/l	SW846 8260B
Ethylbenzene		172	10	3.6	ug/l	SW846 8260B
Xylene (total)		598	30	7.2	ug/l	SW846 8260B
Naphthalene		22.9 J	50	10	ug/l	SW846 8260B
1,2-Dichloroethane		4.4 J	10	3.1	ug/l	SW846 8260B
Tert-Amyl Alcohol		280	200	53	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.62	0.019	0.0095	ug/l	SW846 8011
FA53292-12	**02261 MW-12**					
Benzene		13100	200	62	ug/l	SW846 8260B
Toluene		1880	100	30	ug/l	SW846 8260B
Ethylbenzene		1800	100	36	ug/l	SW846 8260B
Xylene (total)		10100	300	72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		315	100	23	ug/l	SW846 8260B
Naphthalene		453 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		268	100	31	ug/l	SW846 8260B
Tert-Amyl Alcohol		39900	2000	530	ug/l	SW846 8260B
Tert-Butyl Alcohol		3440	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane		42.4	1.9	0.94	ug/l	SW846 8011
FA53292-13	**02261 MW-13**					
Benzene		4530	100	31	ug/l	SW846 8260B
Toluene		252	100	30	ug/l	SW846 8260B
Ethylbenzene		1770	100	36	ug/l	SW846 8260B
Xylene (total)		5290	300	72	ug/l	SW846 8260B
Naphthalene		454 J	500	100	ug/l	SW846 8260B
Tert-Amyl Alcohol		9610	2000	530	ug/l	SW846 8260B
Tert-Butyl Alcohol [b]		648 J	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane		3.1	0.094	0.047	ug/l	SW846 8011
FA53292-14	**02261 MW-14**					
Benzene		10200	200	62	ug/l	SW846 8260B
Toluene		17300	200	60	ug/l	SW846 8260B
Ethylbenzene		1530	200	71	ug/l	SW846 8260B
Xylene (total)		9060	600	140	ug/l	SW846 8260B

Summary of Hits

Job Number: FA53292
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 04/10/18 thru 04/11/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Methyl Tert Butyl Ether		179 J	200	46	ug/l	SW846 8260B
Naphthalene		378 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		201	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		21400	4000	1100	ug/l	SW846 8260B
Tert-Butyl Alcohol [b]		1670 J	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane		95.6	3.8	1.9	ug/l	SW846 8011
FA53292-15	**02261 MW-15**					
Benzene		26200	500	160	ug/l	SW846 8260B
Toluene		8140	200	60	ug/l	SW846 8260B
Ethylbenzene		2500	200	71	ug/l	SW846 8260B
Xylene (total)		12100	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether		2330	200	46	ug/l	SW846 8260B
Naphthalene		369 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		942	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		58000	4000	1100	ug/l	SW846 8260B
Tert-Butyl Alcohol		61600	10000	2700	ug/l	SW846 8260B
1,2-Dibromoethane		115	3.8	1.9	ug/l	SW846 8011
FA53292-16	**02261 MW-16**					
Toluene		0.49 J	1.0	0.30	ug/l	SW846 8260B
Xylene (total)		1.2 J	3.0	0.72	ug/l	SW846 8260B
FA53292-17	**02261 MW-17**					
Toluene		0.55 J	1.0	0.30	ug/l	SW846 8260B
Xylene (total)		2.8 J	3.0	0.72	ug/l	SW846 8260B
FA53292-18	**02261 MW-18**					
Toluene		0.34 J	1.0	0.30	ug/l	SW846 8260B
Xylene (total)		4.6	3.0	0.72	ug/l	SW846 8260B
FA53292-19	**02261 MW-19**					
Benzene		2.2	1.0	0.31	ug/l	SW846 8260B
Toluene		15.3	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		2.6	1.0	0.36	ug/l	SW846 8260B
Xylene (total)		22.2	3.0	0.72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		0.47 J	1.0	0.23	ug/l	SW846 8260B

Summary of Hits

Job Number: FA53292
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 04/10/18 thru 04/11/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA53292-20	**02261 MW-20**					
Benzene		9870	200	62	ug/l	SW846 8260B
Toluene		18800	200	60	ug/l	SW846 8260B
Ethylbenzene		1980	200	71	ug/l	SW846 8260B
Xylene (total)		9470	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether		256	200	46	ug/l	SW846 8260B
Naphthalene		204 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		162 J	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		43300	4000	1100	ug/l	SW846 8260B
Tert-Butyl Alcohol [b]		2360 J	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane		59.9	1.9	0.96	ug/l	SW846 8011
FA53292-21	**02261 MW-21**					
Benzene		18300	200	62	ug/l	SW846 8260B
Toluene		19300	250	75	ug/l	SW846 8260B
Ethylbenzene		2790	200	71	ug/l	SW846 8260B
Xylene (total)		13800	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether		526	200	46	ug/l	SW846 8260B
Naphthalene		400 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		416	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		43100	4000	1100	ug/l	SW846 8260B
Tert-Butyl Alcohol		4680 J	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		86.8	3.7	1.8	ug/l	SW846 8011
FA53292-22	**02261 MW-22**					
Benzene		5260	100	31	ug/l	SW846 8260B
Toluene		2640	100	30	ug/l	SW846 8260B
Ethylbenzene		2140	100	36	ug/l	SW846 8260B
Xylene (total)		6570	300	72	ug/l	SW846 8260B
Naphthalene		330 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		43.6 J	100	31	ug/l	SW846 8260B
Tert-Amyl Alcohol		8010	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		4.3	0.19	0.094	ug/l	SW846 8011
FA53292-23	**02261 MW-23**					
Benzene		2790	100	31	ug/l	SW846 8260B
Toluene		6320	100	30	ug/l	SW846 8260B
Ethylbenzene		1180	100	36	ug/l	SW846 8260B
Xylene (total)		5840	300	72	ug/l	SW846 8260B
Naphthalene		228 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		33.3 J	100	31	ug/l	SW846 8260B

Summary of Hits

Job Number: FA53292
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 04/10/18 thru 04/11/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tert-Amyl Alcohol		1470 J	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		15.2	0.48	0.24	ug/l	SW846 8011
FA53292-24	**02261 MW-24**					
Toluene		0.39 J	1.0	0.30	ug/l	SW846 8260B
FA53292-25	**02261 MW-25**					
Xylene (total)		1.8 J	3.0	0.72	ug/l	SW846 8260B
FA53292-26	**02261 MW-26**					
Toluene		0.37 J	1.0	0.30	ug/l	SW846 8260B
Xylene (total)		0.97 J	3.0	0.72	ug/l	SW846 8260B
FA53292-27	**02261 MW-27**					
Benzene		0.35 J	1.0	0.31	ug/l	SW846 8260B
Toluene		2.6	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		0.79 J	1.0	0.36	ug/l	SW846 8260B
Xylene (total)		3.8	3.0	0.72	ug/l	SW846 8260B
FA53292-28	**02261 TW-1**					
No hits reported in this sample.						
FA53292-29	**02261 TW-2**					
No hits reported in this sample.						
FA53292-30	**02261 TW-3**					
No hits reported in this sample.						
FA53292-31	**02261 TW-4**					
Benzene		8200	100	31	ug/l	SW846 8260B
Toluene		200	100	30	ug/l	SW846 8260B
Ethylbenzene		1070	100	36	ug/l	SW846 8260B
Xylene (total)		1110	300	72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1240	100	23	ug/l	SW846 8260B
Naphthalene		225 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		279	100	31	ug/l	SW846 8260B
Tert-Amyl Alcohol		8170	2000	530	ug/l	SW846 8260B

Summary of Hits

Job Number: FA53292
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 04/10/18 thru 04/11/18

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Tert-Amyl Methyl Ether	34.7 J	200	24	ug/l	SW846 8260B
Tert-Butyl Alcohol [b]	1500 J	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]	0.41	0.019	0.0094	ug/l	SW846 8011
FA53292-32 02261 TW-5					
Benzene [c]	0.85 J	1.0	0.31	ug/l	SW846 8260B
Methyl Tert Butyl Ether [c]	3.9	1.0	0.23	ug/l	SW846 8260B
1,2-Dichloroethane [c]	1.4	1.0	0.31	ug/l	SW846 8260B
Tert-Amyl Alcohol [c]	103	20	5.3	ug/l	SW846 8260B
Tert-Amyl Methyl Ether [c]	0.36 J	2.0	0.24	ug/l	SW846 8260B
Tert-Butyl Alcohol [d]	46.3	20	5.3	ug/l	SW846 8260B
FA53292-33 02261 TW-6					
No hits reported in this sample.					
FA53292-34 02261 DUP A					
Benzene [c]	9750	200	62	ug/l	SW846 8260B
Toluene [c]	15500	200	60	ug/l	SW846 8260B
Ethylbenzene [c]	1450	200	71	ug/l	SW846 8260B
Xylene (total) [c]	8450	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether [c]	203	200	46	ug/l	SW846 8260B
Naphthalene [c]	448 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane [c]	265	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol [c]	22600	4000	1100	ug/l	SW846 8260B
Tert-Butyl Alcohol [d]	2060 J	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane [a]	112	3.8	1.9	ug/l	SW846 8011
FA53292-35 02261 DUP B					
Benzene	16500	200	62	ug/l	SW846 8260B
Ethylbenzene	2630	200	71	ug/l	SW846 8260B
Xylene (total)	12700	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether	520	200	46	ug/l	SW846 8260B
Naphthalene	450 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane	471	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol	38000	4000	1100	ug/l	SW846 8260B
Tert-Butyl Alcohol	4680	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane [a]	73.8	3.8	1.9	ug/l	SW846 8011
FA53292-38 02261 FB					
No hits reported in this sample.					

Summary of Hits

Job Number: FA53292
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 04/10/18 thru 04/11/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

FA53292-39 02261 TB

No hits reported in this sample.

(a) All hits confirmed by dual column analysis.
(b) Associated CCV outside of control limits high.
(c) No sample available for reanalysis.
(d) No sample available for reanalysis. Associated BS recovery outside control limits.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-1		
Lab Sample ID:	FA53292-1	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54229.D	50	04/13/18 19:20	AJ	n/a	n/a	VI1603
Run #2	I54214.D	250	04/13/18 13:22	AJ	n/a	n/a	VI1603

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	9730 [a]	250	78	ug/l	
108-88-3	Toluene	452	50	15	ug/l	
100-41-4	Ethylbenzene	766	50	18	ug/l	
1330-20-7	Xylene (total)	4250	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1050	50	11	ug/l	
91-20-3	Naphthalene	195	250	50	ug/l	J
107-06-2	1,2-Dichloroethane	354	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	22400	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	20400	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	79-125%
2037-26-5	Toluene-D8	100%	101%	85-112%
460-00-4	4-Bromofluorobenzene	98%	99%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 MW-1		
Lab Sample ID:	FA53292-1	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98742.D	50	04/16/18 16:54	NM	04/13/18 09:00	OP69612	GDD2874
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	32.7	0.95	0.48	ug/l	

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

(a) Outside control limits due to dilution.

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-2		
Lab Sample ID:	FA53292-2	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54215.D	1	04/13/18 13:45	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW-2		
Lab Sample ID:	FA53292-2	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98744.D	1	04/16/18 17:24	NM	04/13/18 09:00	OP69612	GDD2874
Run #2							

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

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

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

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

Report of Analysis

Client Sample ID:	02261 MW-3		
Lab Sample ID:	FA53292-3	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54216.D	1	04/13/18 14:09	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

SGS North America Inc.

Report of Analysis

3.3

Client Sample ID:	02261 MW-3		
Lab Sample ID:	FA53292-3	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98713.D	1	04/13/18 20:55	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

	Initial Volume	Final Volume
Run #1	38.2 ml	2.0 ml
Run #2		

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

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

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

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

Report of Analysis

Client Sample ID:	02261 MW-4		
Lab Sample ID:	FA53292-4	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54217.D	1	04/13/18 14:33	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-4		
Lab Sample ID:	FA53292-4	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98714.D	1	04/13/18 21:09	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.30	0.019	0.0095	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	02261 MW-5		
Lab Sample ID:	FA53292-5	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54220.D	1	04/13/18 15:48	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-5		
Lab Sample ID:	FA53292-5	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98894.D	1	04/18/18 17:07	NM	04/17/18 09:30	OP69659	GDD2876
Run #2							

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

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

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

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

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

Report of Analysis

Client Sample ID:	02261 MW-6		
Lab Sample ID:	FA53292-6	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54221.D	1	04/13/18 16:11	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW-6		
Lab Sample ID:	FA53292-6	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98718.D	1	04/13/18 22:09	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	68%		63-137%

(a) Associated CCV outside of control limits high, sample was ND.

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-7		
Lab Sample ID:	FA53292-7	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	154222.D	1	04/13/18 16:35	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW-7		
Lab Sample ID:	FA53292-7	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98719.D	1	04/13/18 22:24	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	74%		63-137%

(a) Associated CCV outside of control limits high, sample was ND.

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

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

SGS North America Inc.

Report of Analysis

3.8

Client Sample ID:	02261 MW-8		
Lab Sample ID:	FA53292-8	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54223.D	1	04/13/18 16:58	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-8		
Lab Sample ID:	FA53292-8	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98720.D	1	04/13/18 22:39	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

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

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

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

(a) Associated CCV outside of control limits high, sample was ND.

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

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

Report of Analysis

Client Sample ID:	02261 MW-9		
Lab Sample ID:	FA53292-9	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54224.D	1	04/13/18 17:22	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW-9		
Lab Sample ID:	FA53292-9	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98721.D	1	04/13/18 22:54	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

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

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

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

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-10		
Lab Sample ID:	FA53292-10	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54225.D	1	04/13/18 17:46	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW-10		
Lab Sample ID:	FA53292-10	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98722.D	1	04/13/18 23:09	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

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

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

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

(a) Associated CCV outside of control limits high, sample was ND.

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-11		
Lab Sample ID:	FA53292-11	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54226.D	10	04/13/18 18:09	AJ	n/a	n/a	VI1603
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	630	10	3.1	ug/l	
108-88-3	Toluene	89.2	10	3.0	ug/l	
100-41-4	Ethylbenzene	172	10	3.6	ug/l	
1330-20-7	Xylene (total)	598	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	2.3	ug/l	
91-20-3	Naphthalene	22.9	50	10	ug/l	J
107-06-2	1,2-Dichloroethane	4.4	10	3.1	ug/l	J
108-20-3	Di-Isopropyl Ether	ND	10	2.4	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	500	100	ug/l	
64-17-5	Ethyl Alcohol	ND	2000	820	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	20	2.4	ug/l	
75-85-4	Tert-Amyl Alcohol	280	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	200	53	ug/l	
762-75-4	Tert-Butyl Formate	ND	200	50	ug/l	

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-11		
Lab Sample ID:	FA53292-11	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD98830.D	1	04/17/18 19:00	NM	04/13/18 09:00	OP69612	GDD2875
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.62	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	83%		63-137%

(a) All hits confirmed by dual column analysis.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-12		
Lab Sample ID:	FA53292-12	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54227.D	100	04/13/18 18:33	AJ	n/a	n/a	VI1603
Run #2	I54235.D	200	04/14/18 10:35	AJ	n/a	n/a	VI1604

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	13100 [a]	200	62	ug/l	
108-88-3	Toluene	1880	100	30	ug/l	
100-41-4	Ethylbenzene	1800	100	36	ug/l	
1330-20-7	Xylene (total)	10100	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	315	100	23	ug/l	
91-20-3	Naphthalene	453	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	268	100	31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	100	24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	39900	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	3440	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	102%	79-125%
2037-26-5	Toluene-D8	101%	101%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 MW-12		
Lab Sample ID:	FA53292-12	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98746.D	100	04/16/18 17:54	NM	04/13/18 09:00	OP69612	GDD2874
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	42.4	1.9	0.94	ug/l	

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

(a) Outside control limits due to dilution.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-13		
Lab Sample ID:	FA53292-13	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54236.D	100	04/14/18 11:03	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4530	100	31	ug/l	
108-88-3	Toluene	252	100	30	ug/l	
100-41-4	Ethylbenzene	1770	100	36	ug/l	
1330-20-7	Xylene (total)	5290	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	23	ug/l	
91-20-3	Naphthalene	454	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	ND	100	31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	100	24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	9610	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	648	2000	530	ug/l	J
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated CCV outside of control limits high.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-13		
Lab Sample ID:	FA53292-13	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98747.D	5	04/16/18 18:09	NM	04/13/18 09:00	OP69612	GDD2874
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	3.1	0.094	0.047	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-14		
Lab Sample ID:	FA53292-14	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	154237.D	200	04/14/18 11:27	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	10200	200	62	ug/l	
108-88-3	Toluene	17300	200	60	ug/l	
100-41-4	Ethylbenzene	1530	200	71	ug/l	
1330-20-7	Xylene (total)	9060	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	179	200	46	ug/l	J
91-20-3	Naphthalene	378	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	201	200	62	ug/l	
108-20-3	Di-Isopropyl Ether	ND	200	48	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	21400	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	1670	4000	1100	ug/l	J
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

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

(a) Associated CCV outside of control limits high.

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

Report of Analysis

Client Sample ID:	02261 MW-14		
Lab Sample ID:	FA53292-14	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98748.D	200	04/16/18 18:24	NM	04/13/18 09:00	OP69612	GDD2874
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	95.6	3.8	1.9	ug/l	

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

(a) Outside control limits due to dilution.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-15		
Lab Sample ID:	FA53292-15	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54238.D	200	04/14/18 11:50	AJ	n/a	n/a	VI1604
Run #2	I54257.D	500	04/14/18 19:20	AJ	n/a	n/a	VI1604
Run #3	P56325.D	500	04/16/18 11:51	AJ	n/a	n/a	VP2139

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml
Run #3	5.0 ml

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	26200 [a]	500	160	ug/l	
108-88-3	Toluene	8140	200	60	ug/l	
100-41-4	Ethylbenzene	2500	200	71	ug/l	
1330-20-7	Xylene (total)	12100	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2330	200	46	ug/l	
91-20-3	Naphthalene	369	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	942	200	62	ug/l	
108-20-3	Di-Isopropyl Ether	ND	200	48	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	58000	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol	61600 [b]	10000	2700	ug/l	
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	98%	99%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	104%	103%	79-125%
2037-26-5	Toluene-D8	101%	101%	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	99%	83-118%

(a) Result is from Run# 2
(b) Result is from Run# 3

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-15		
Lab Sample ID:	FA53292-15	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98749.D	200	04/16/18 18:39	NM	04/13/18 09:00	OP69612	GDD2874
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	115	3.8	1.9	ug/l	

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

(a) Outside control limits due to dilution.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-16		
Lab Sample ID:	FA53292-16	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54239.D	1	04/14/18 12:15	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	0.49	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	1.2	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-16		
Lab Sample ID:	FA53292-16	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98730.D	1	04/14/18 01:08	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

	Initial Volume	Final Volume
Run #1	37.4 ml	2.0 ml
Run #2		

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

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

(a) Associated CCV outside of control limits high, sample was ND.

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

Report of Analysis

Client Sample ID:	02261 MW-17		
Lab Sample ID:	FA53292-17	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54240.D	1	04/14/18 12:38	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	0.55	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	2.8	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

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

Report of Analysis

Client Sample ID:	02261 MW-17		
Lab Sample ID:	FA53292-17	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98731.D	1	04/14/18 01:23	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

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

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

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

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-18		
Lab Sample ID:	FA53292-18	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54241.D	1	04/14/18 13:01	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	0.34	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	4.6	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-18		
Lab Sample ID:	FA53292-18	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98732.D	1	04/14/18 01:38	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

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

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

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

(a) Associated CCV outside of control limits high, sample was ND.

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-19		
Lab Sample ID:	FA53292-19	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54242.D	1	04/14/18 13:25	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2.2	1.0	0.31	ug/l	
108-88-3	Toluene	15.3	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	2.6	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	22.2	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.47	1.0	0.23	ug/l	J
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-19		
Lab Sample ID:	FA53292-19	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98733.D	1	04/14/18 01:53	NM	04/13/18 09:00	OP69612	GDD2873
Run #2							

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

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

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

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-20		
Lab Sample ID:	FA53292-20	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54243.D	200	04/14/18 13:49	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	9870	200	62	ug/l	
108-88-3	Toluene	18800	200	60	ug/l	
100-41-4	Ethylbenzene	1980	200	71	ug/l	
1330-20-7	Xylene (total)	9470	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	256	200	46	ug/l	
91-20-3	Naphthalene	204	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	162	200	62	ug/l	J
108-20-3	Di-Isopropyl Ether	ND	200	48	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	43300	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	2360	4000	1100	ug/l	J
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated CCV outside of control limits high.

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

Report of Analysis

Client Sample ID:	02261 MW-20		
Lab Sample ID:	FA53292-20	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98750.D	100	04/16/18 18:53	NM	04/13/18 09:00	OP69612	GDD2874
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	59.9	1.9	0.96	ug/l	

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

(a) Outside control limits due to dilution.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-21		
Lab Sample ID:	FA53292-21	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54246.D	200	04/14/18 15:00	AJ	n/a	n/a	VI1604
Run #2	P56326.D	250	04/16/18 12:14	AJ	n/a	n/a	VP2139

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	18300	200	62	ug/l	
108-88-3	Toluene	19300 [a]	250	75	ug/l	
100-41-4	Ethylbenzene	2790	200	71	ug/l	
1330-20-7	Xylene (total)	13800	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	526	200	46	ug/l	
91-20-3	Naphthalene	400	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	416	200	62	ug/l	
108-20-3	Di-Isopropyl Ether	ND	200	48	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	43100	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol	4680 [a]	5000	1300	ug/l	J
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	79-125%
2037-26-5	Toluene-D8	98%	98%	85-112%
460-00-4	4-Bromofluorobenzene	96%	99%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 MW-21		
Lab Sample ID:	FA53292-21	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD98831.D	200	04/17/18 19:15	NM	04/16/18 12:10	OP69633	GDD2875
Run #2							

	Initial Volume	Final Volume
Run #1	38.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	86.8	3.7	1.8	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-22		
Lab Sample ID:	FA53292-22	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54247.D	100	04/14/18 15:23	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5260	100	31	ug/l	
108-88-3	Toluene	2640	100	30	ug/l	
100-41-4	Ethylbenzene	2140	100	36	ug/l	
1330-20-7	Xylene (total)	6570	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	23	ug/l	
91-20-3	Naphthalene	330	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	43.6	100	31	ug/l	J
108-20-3	Di-Isopropyl Ether	ND	100	24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	8010	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

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

Report of Analysis

Client Sample ID:	02261 MW-22		
Lab Sample ID:	FA53292-22	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD98833.D	10	04/17/18 19:45	NM	04/16/18 12:10	OP69633	GDD2875
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	4.3	0.19	0.094	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-23		
Lab Sample ID:	FA53292-23	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54248.D	100	04/14/18 15:47	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2790	100	31	ug/l	
108-88-3	Toluene	6320	100	30	ug/l	
100-41-4	Ethylbenzene	1180	100	36	ug/l	
1330-20-7	Xylene (total)	5840	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	23	ug/l	
91-20-3	Naphthalene	228	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	33.3	100	31	ug/l	J
108-20-3	Di-Isopropyl Ether	ND	100	24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	1470	2000	530	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

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

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-23		
Lab Sample ID:	FA53292-23	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD98835.D	25	04/17/18 20:14	NM	04/16/18 12:10	OP69633	GDD2875
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	15.2	0.48	0.24	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-24		
Lab Sample ID:	FA53292-24	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54249.D	1	04/14/18 16:10	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	0.39	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-24		
Lab Sample ID:	FA53292-24	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98761.D	1	04/16/18 21:37	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-25		
Lab Sample ID:	FA53292-25	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	154250.D	1	04/14/18 16:34	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	1.8	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

(a) Associated CCV outside of control limits high, sample was ND.

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

Report of Analysis

Client Sample ID:	02261 MW-25		
Lab Sample ID:	FA53292-25	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98762.D	1	04/16/18 21:52	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-26		
Lab Sample ID:	FA53292-26	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54251.D	1	04/14/18 16:57	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	0.37	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.97	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

(a) Associated CCV outside of control limits high, sample was ND.

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

Report of Analysis

Client Sample ID:	02261 MW-26		
Lab Sample ID:	FA53292-26	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98765.D	1	04/16/18 22:37	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-27		
Lab Sample ID:	FA53292-27	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54252.D	1	04/14/18 17:21	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.35	1.0	0.31	ug/l	J
108-88-3	Toluene	2.6	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.79	1.0	0.36	ug/l	J
1330-20-7	Xylene (total)	3.8	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-27		
Lab Sample ID:	FA53292-27	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98766.D	1	04/16/18 22:52	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	68%		63-137%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW-1		
Lab Sample ID:	FA53292-28	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54253.D	1	04/14/18 17:45	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

3.28

Client Sample ID:	02261 TW-1		
Lab Sample ID:	FA53292-28	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98767.D	1	04/16/18 23:07	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW-2		
Lab Sample ID:	FA53292-29	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54254.D	1	04/14/18 18:08	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

(a) Associated CCV outside of control limits high, sample was ND.

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

SGS North America Inc.

Report of Analysis

3.29

Client Sample ID:	02261 TW-2		
Lab Sample ID:	FA53292-29	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98768.D	1	04/16/18 23:22	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW-3		
Lab Sample ID:	FA53292-30	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54255.D	1	04/14/18 18:32	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

(a) Associated CCV outside of control limits high, sample was ND.

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

Report of Analysis

Client Sample ID:	02261 TW-3		
Lab Sample ID:	FA53292-30	**Date Sampled:**	04/10/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98769.D	1	04/16/18 23:36	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW-4		
Lab Sample ID:	FA53292-31	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I54256.D	100	04/14/18 18:56	AJ	n/a	n/a	VI1604
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	8200	100	31	ug/l	
108-88-3	Toluene	200	100	30	ug/l	
100-41-4	Ethylbenzene	1070	100	36	ug/l	
1330-20-7	Xylene (total)	1110	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1240	100	23	ug/l	
91-20-3	Naphthalene	225	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	279	100	31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	100	24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	8170	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	34.7	200	24	ug/l	J
75-65-0	Tert-Butyl Alcohol [a]	1500	2000	530	ug/l	J
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated CCV outside of control limits high.

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

Report of Analysis

Client Sample ID:	02261 TW-4		
Lab Sample ID:	FA53292-31	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD98770.D	1	04/16/18 23:51	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.41	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	74%		63-137%

(a) All hits confirmed by dual column analysis.

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW-5		
Lab Sample ID:	FA53292-32	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	5E7362.D	1	04/16/18 14:01	SO	n/a	n/a	V5E295
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.85	1.0	0.31	ug/l	J
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.9	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	1.4	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether [b]	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether [b]	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	103	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.36	2.0	0.24	ug/l	J
75-65-0	Tert-Butyl Alcohol [b]	46.3	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%
17060-07-0	1,2-Dichloroethane-D4	124%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) No sample available for reanalysis.
(b) Associated BS recovery outside control limits.

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

SGS North America Inc.

Report of Analysis

3.32

Client Sample ID:	02261 TW-5		
Lab Sample ID:	FA53292-32	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98771.D	1	04/17/18 00:06	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW-6		
Lab Sample ID:	FA53292-33	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5E7343.D	1	04/14/18 16:54	SO	n/a	n/a	V5E294
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		83-118%
17060-07-0	1,2-Dichloroethane-D4	127%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

Report of Analysis

Client Sample ID:	02261 TW-6		
Lab Sample ID:	FA53292-33	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98772.D	1	04/17/18 00:21	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	77%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 DUP A		
Lab Sample ID:	FA53292-34	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	5E7356.D	200	04/16/18 11:40	SO	n/a	n/a	V5E295
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	9750	200	62	ug/l	
108-88-3	Toluene	15500	200	60	ug/l	
100-41-4	Ethylbenzene	1450	200	71	ug/l	
1330-20-7	Xylene (total)	8450	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	203	200	46	ug/l	
91-20-3	Naphthalene	448	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	265	200	62	ug/l	
108-20-3	Di-Isopropyl Ether [b]	ND	200	48	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether [b]	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	22600	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol [b]	2060	4000	1100	ug/l	J
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%
17060-07-0	1,2-Dichloroethane-D4	123%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) No sample available for reanalysis.
(b) Associated BS recovery outside control limits.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 DUP A		
Lab Sample ID:	FA53292-34	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD98836.D	200	04/17/18 20:29	NM	04/16/18 12:10	OP69633	GDD2875
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	112	3.8	1.9	ug/l	

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 DUP B		
Lab Sample ID:	FA53292-35	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5E7345.D	200	04/14/18 17:43	SO	n/a	n/a	V5E294
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	16500	200	62	ug/l	
108-88-3	Toluene	ND	200	60	ug/l	
100-41-4	Ethylbenzene	2630	200	71	ug/l	
1330-20-7	Xylene (total)	12700	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	520	200	46	ug/l	
91-20-3	Naphthalene	450	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	471	200	62	ug/l	
108-20-3	Di-Isopropyl Ether	ND	200	48	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	38000	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol	4680	4000	1100	ug/l	
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

3.35

Client Sample ID:	02261 DUP B		
Lab Sample ID:	FA53292-35	**Date Sampled:**	04/11/18
Matrix:	AQ - Ground Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD98837.D	200	04/17/18 20:44	NM	04/16/18 12:10	OP69633	GDD2875
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	73.8	3.8	1.9	ug/l	

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

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

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

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

SGS North America Inc.

Report of Analysis

3.36

Client Sample ID:	02261 FB		
Lab Sample ID:	FA53292-38	**Date Sampled:**	04/11/18
Matrix:	AQ - Field Blank Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5E7334.D	1	04/14/18 13:14	SO	n/a	n/a	V5E294
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		83-118%
17060-07-0	1,2-Dichloroethane-D4	123%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 FB		
Lab Sample ID:	FA53292-38	**Date Sampled:**	04/11/18
Matrix:	AQ - Field Blank Water	**Date Received:**	04/12/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD98777.D	1	04/17/18 01:35	NM	04/16/18 12:10	OP69633	GDD2874
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TB		
Lab Sample ID:	FA53292-39	**Date Sampled:**	04/10/18
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/12/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5E7358.D	1	04/16/18 12:22	SO	n/a	n/a	V5E295
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether [a]	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether [a]	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol [a]	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%
17060-07-0	1,2-Dichloroethane-D4	122%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated BS recovery outside control limits.

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

Subcontract Lab Data

Report of Analysis

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

Accutest
4405 Vineland Rd
Suite C-15
Orlando, FL 32811
Attention: Muna Mohammed

Project Name: FA53292X

Lot Number:**TD14008**

Date Completed:04/23/2018

04/25/2018 3:16 PM
Approved and released by:
Project Manager: Lucas Odom

The electronic signature above is the equivalent of a handwritten signature.
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Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Case Narrative
Accutest
Lot Number: TD14008

4

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative The sample receiving date is documented in the header information associated with each sample

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary
Accutest
Lot Number: TD14008

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	02261 DUP C	Aqueous	04/10/2018 1020	04/14/2018
002	02261 PW-3	Aqueous	04/10/2018 1017	04/14/2018
003	02261 PW FB	Aqueous	04/10/2018 1023	04/14/2018
004	02261 PWTB	Aqueous	04/10/2018 0927	04/14/2018

(4 samples)

4

Detection Summary

Accutest

Lot Number: TD14008

Sample Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(0 detections)

Client: **Accutest**	Laboratory ID: **TD14008-001**
Description: **02261 DUP C**	Matrix: **Aqueous**
Date Sampled **04/10/2018 1020**	
Date Received: **04/14/2018**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/19/2018 2343	BWS		69986

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		100	70-130

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	04/22/2018 2020	ECB		70134

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.20	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.20	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.20	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.20	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.20	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.20	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		70	70-130
1,2-Dichlorobenzene-d4		86	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	04/19/2018 1525	DAL1	04/19/2018 0917	69888

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0038	ug/L	1

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

Client: **Accutest**	Laboratory ID: **TD14008-001**
Description: **02261 DUP C**	Matrix: **Aqueous**
Date Sampled: **04/10/2018 1020**	
Date Received: **04/14/2018**	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		88	57-137

4

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

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Client: **Accutest**	Laboratory ID: **TD14008-002**
Description: **02261 PW-3**	Matrix **Aqueous**
Date Sampled: **04/10/2018 1017**	
Date Received: **04/14/2018**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/20/2018 0006	BWS		69986

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		99	70-130

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	04/22/2018 2045	ECB		70134

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0 20	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0 50	0 20	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0 50	0.20	ug/L	1
Naphthalene	91-20-3	524.2	ND		0 50	0.20	ug/L	1
Toluene	108-88-3	524.2	ND		0 50	0.20	ug/L	1
Xylenes (total)	1330-20-7	524 2	ND		0.50	0.20	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		74	70-130
1,2-Dichlorobenzene-d4		92	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504 1	504.1	1	04/19/2018 1537	DAL1	04/19/2018 0917	69888

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0 0038	ug/L	1

LOQ = Limit of Quantitation
B = Detected in the method blank
E = Quantitation of compound exceeded the calibration range
DL = Detection Limit
ND = Not detected at or above the DL
N = Recovery is out of criteria
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
H = Out of holding time
W = Reported on wet weight basis

Client: **Accutest**
Description **02261 PW-3**
Date Sampled: **04/10/2018 1017**
Date Received. **04/14/2018**

Laboratory ID: **TD14008-002**
Matrix: **Aqueous**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		88	57-137

4

LOQ = Limit of Quantitation | B = Detected in the method blank | E = Quantitation of compound exceeded the calibration range | DL = Detection Limit
ND = Not detected at or above the DL | N = Recovery is out of criteria | P = The RPD between two GC columns exceeds 40% | J = Estimated result < LOQ and ≥ DL
H = Out of holding time | W = Reported on wet weight basis

Client: **Accutest**	Laboratory ID: **TD14008-003**
Description: **02261 PW FB**	Matrix. **Aqueous**
Date Sampled: **04/10/2018 1023**	
Date Received. **04/14/2018**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/20/2018 0029	BWS		69986

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1 0	0 40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8 0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0 40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0 42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		99	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		99	70-130

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	04/22/2018 1704	ECB		70134

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524 2	ND		0.50	0 20	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0 50	0 20	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0 50	0.20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.20	ug/L	1
Naphthalene	91-20-3	524.2	ND		0 50	0.20	ug/L	1
Toluene	108-88-3	524 2	ND		0.50	0.20	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0 20	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		72	70-130
1,2-Dichlorobenzene-d4		80	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504 1	504.1	1	04/19/2018 1601	DAL1	04/19/2018 0917	69888

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0 019	0.0039	ug/L	1

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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Client. **Accutest**	Laboratory ID. **TD14008-003**
Description: **02261 PW FB**	Matrix: **Aqueous**
Date Sampled: **04/10/2018 1023**	
Date Received: **04/14/2018**	

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		90	57-137

4

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

Client: **Accutest**
Description: **02261 PWTB**
Date Sampled: **04/10/2018 0927**
Date Received: **04/14/2018**

Laboratory ID: **TD14008-004**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	04/20/2018 0052	BWS		69986

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1 0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8 0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1 0	0 40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8 0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8 0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	70-130
Bromofluorobenzene		100	70-130
Toluene-d8		98	70-130

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	04/22/2018 1729	ECB		70134

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0 20	ug/L	1
1,2-Dichloroethane	107-06-2	524 2	ND		0.50	0.20	ug/L	1
Ethylbenzene	100-41-4	524 2	ND		0.50	0 20	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.20	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.20	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0 20	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0 50	0.20	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		72	70-130
1,2-Dichlorobenzene-d4		87	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: TQ69986-001
Batch: 69986
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
Diisopropyl ether (IPE)	ND		1	1 0	0.40	ug/L	04/19/2018 2211
Ethanol	ND		1	100	40	ug/L	04/19/2018 2211
3,3-Dimethyl-1-butanol	ND		1	20	8.0	ug/L	04/19/2018 2211
Ethyl-tert-butyl ether (ETBE)	ND		1	1.0	0.40	ug/L	04/19/2018 2211
tert-Amyl alcohol (TAA)	ND		1	20	8.0	ug/L	04/19/2018 2211
tert-Amyl methyl ether (TAME)	ND		1	10	0.42	ug/L	04/19/2018 2211
tert-butyl alcohol (TBA)	ND		1	20	8.0	ug/L	04/19/2018 2211
tert-Butyl formate (TBF)	ND		1	5 0	2 0	ug/L	04/19/2018 2211

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		98	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		98	70-130

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: TQ69986-002
Batch: 69986
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Diisopropyl ether (IPE)	50	49		1	98	70-130	04/19/2018 2113
Ethanol	5000	5400		1	107	70-130	04/19/2018 2113
3,3-Dimethyl-1-butanol	1000	1100		1	105	70-130	04/19/2018 2113
Ethyl-tert-butyl ether (ETBE)	50	51		1	102	70-130	04/19/2018 2113
tert-Amyl alcohol (TAA)	1000	1000		1	101	70-130	04/19/2018 2113
tert-Amyl methyl ether (TAME)	50	52		1	103	70-130	04/19/2018 2113
tert-butyl alcohol (TBA)	1000	960		1	96	70-130	04/19/2018 2113
tert-Butyl formate (TBF)	250	260		1	104	70-130	04/19/2018 2113

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		97	70-130

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MB

Sample ID: TQ70134-001
Batch: 70134
Analytical Method: 524.2

Matrix: Aqueous
Prep Method: 524.2

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
Benzene	ND		1	0.50	0.20	ug/L	04/22/2018 1326
1,2-Dichloroethane	ND		1	0 50	0 20	ug/L	04/22/2018 1326
Ethylbenzene	ND		1	0 50	0 20	ug/L	04/22/2018 1326
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.20	ug/L	04/22/2018 1326
Naphthalene	ND		1	0 50	0.20	ug/L	04/22/2018 1326
Toluene	ND		1	0.50	0.20	ug/L	04/22/2018 1326
Xylenes (total)	ND		1	0.50	0.20	ug/L	04/22/2018 1326

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		72	70-130
1,2-Dichlorobenzene-d4		86	70-130

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: TQ70134-002
Batch: 70134
Analytical Method: 524.2

Matrix: Aqueous
Prep Method: 524.2

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	5.0	6 0		1	120	70-130	04/22/2018 1247
1,2-Dichloroethane	5.0	6.1		1	122	70-130	04/22/2018 1247
Ethylbenzene	5.0	4.3		1	86	70-130	04/22/2018 1247
Methyl tertiary butyl ether (MTBE)	5.0	6.4		1	127	70-130	04/22/2018 1247
Naphthalene	5.0	3 6		1	72	70-130	04/22/2018 1247
Toluene	5.0	4.8		1	97	70-130	04/22/2018 1247
Xylenes (total)	10	8.4		1	84	70-130	04/22/2018 1247

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		87	70-130
1,2-Dichlorobenzene-d4		114	70-130

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

EDB & DBCP by Microextraction - MB

Sample ID: TQ69888-001
Batch: 69888
Analytical Method: 504.1

Matrix: Aqueous
Prep Method: 504.1
Prep Date: 04/19/2018 917

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
1,2-Dibromoethane (EDB)	ND		1	0.020	0.0040	ug/L	04/19/2018 1249

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		88	57-137

4

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

EDB & DBCP by Microextraction - LCS

Sample ID: TQ69888-002
Batch: 69888
Analytical Method: 504 1

Matrix: Aqueous
Prep Method: 504.1
Prep Date: 04/19/2018 917

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2-Dibromoethane (EDB)	0 25	0.21		1	84	70-130	04/19/2018 1301

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		76	57-137

4

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Chain of Custody
and
Miscellaneous Documents

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SHEALY ENVIRONMENTAL SERVICES, INC.

SGS

CHAIN OF CUSTODY

Page 1 of 1

4405 Vineland Rd, Suite C-15, Orlando, FL 32811
TEL. 407-425-6700 FAX: 407-425-0707

SGS Job #: FA53292X

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4405 Vineland Rd, Suite C-15
City: Orlando State: FL Zip: 32811
Project Contact: [redacted] Email: [redacted]
Phone #: 407-425-6700 Fax #:
Sampler(s) Name(s): PMKS Phone: Project Manager

Project Information

Project Name: FA53292X
Street:
City: State:
Project #:
Client Purchase Order #:

Billing Information (If different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED - Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB - Equipment Blank; RB - Rinse Blank; TB - Trip Blank

TD14008

LAB USE ONLY

SDG Number	Field ID / Point of Collection	MS/MSD Mark	Collection Date	Collection Time	Collected by	Matrix	# of bottles	Preservation of bottle(s)	V8260DB: VB24B1EX, MTBE, 1,2-DCA, NAPTH; VB260DXY8	V8260TPX, MTBE, 1,2-DCA, NAPTH; V8260DXY8
36X	02261 DUP C		4/13/18	10:20:00 AM	PMKS	DW	6	6	X	
37X	02261 PW-3		4/13/18	10:17:00 AM	PMKS	DW	6	6	X	
40X	02261 PW FB		4/13/18	10:23:00 AM	PMKS	DW	6	6	X	
41X	02261 PW TB		4/10/18	9:27:00 AM	PMKS	DW	4	4		X

Turnaround Time (Business days)

- [ ] 10 Day (Business)
- [ ] 7 Day
- [ ] 3 Day RUSH
- [ ] 2 Day RUSH
- [ ] 1 Day RUSH
- [x] other Due 4/19/2018

Rush TAT is not available via Logmatrix

Approved By (SHEALY): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [x] Commercial "B" (Level 2, Results + QC summary)
- [ ] RED1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] DOD FULT1 (Level 4)
- [ ] Other
- [ ] EDD Format

Comments / Special Instructions

Shealy

T = 4.1°C

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Miriam Bivanine C	4/13/18 @1700	1	2		2
3		3	4		4
5 Fedex	4-14-18 1305	5	Custody Seal #	Intact / Not Intact	Preserved where applicable:

On Ice: 8 Cooler Temp: 4.1°C

4

Shealy Environmental Services, Inc.
Document Number: MF0018C-13

Page 1 of 1
Effective Date: 4/5/2018

Sample Receipt Checklist (SRC)

Client: SGS Cooler Inspected by/date: CBW / 4-14-18 Lot #: TD14008

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Other:			
☑ Yes	☐ No		1. Were custody seals present on the cooler?
☑ Yes	☐ No	☐ NA	2. If custody seals were present, were they intact and unbroken?

pH Strip ID: Chlorine Strip ID:

Cooler ID / Original temperature upon receipt / Derived (Corrected) temperature upon receipt:

/ / °C / / °C 4.1 / 4.1 / °C / / °C

Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: 6 IR Gun Correction Factor: 0 °C

Method of coolant: ☑ Wet Ice ☐ Ice Packs ☐ Dry Ice ☐ None

☐ Yes	☐ No	☑ NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one).
☐ Yes	☑ No	☐ NA	4. Is the commercial courier's packing slip attached to this form? Not on Cooler
☑ Yes	☐ No		5. Were proper custody procedures (relinquished/received) followed?
☑ Yes	☐ No		6. Were sample IDs listed on the COC?
☑ Yes	☐ No		7. Were sample IDs listed on all sample containers?
☑ Yes	☐ No		8. Was collection date & time listed on the COC?
☑ Yes	☐ No		9. Was collection date & time listed on all sample containers?
☐ Yes	☑ No	*	10. Did all container label information (ID, date, time) agree with the COC?
☑ Yes	☐ No		11. Were tests to be performed listed on the COC?
☑ Yes	☐ No		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
☑ Yes	☐ No		13. Was adequate sample volume available?
☐ Yes	☑ No		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
☐ Yes	☑ No		15. Were any samples containers missing/excess (circle one) samples Not listed on COC?
☐ Yes	☑ No	☐ NA	16. For VOA and RSK-175 samples, were bubbles present >"pea-size" (¼" or 6mm in diameter) in any of the VOA vials?
☐ Yes	☐ No	☑ NA	17. Were all DRO/metals/nutrient samples received at a pH of < 2?
☐ Yes	☐ No	☑ NA	18. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
☐ Yes	☐ No	☑ NA	19. Were all applicable NH_3/TKN/cyanide/phenol/625 (< 0.5mg/L) samples free of residual chlorine?
☐ Yes	☐ No	☑ NA	20. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
☐ Yes	☑ No		21. Was the quote number used taken from the container label?

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H_2SO_4, HNO_3, HCl, NaOH) using SR # _____.
Time of preservation _____.

Sample(s) _____ were received with bubbles >6 mm in diameter.

Samples(s) _____ were received with TRC > 0.5 mg/L. (If #19 is *no*) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: _____.

SR barcode labels applied by: CBW Date: 4-14-18

Comments: * (1) Vial for ID: '02261 Dup-C' is labled as '02261 PW-3'.
- All vials are accounted for '02261 PW-3'
- Times matched on mislabeled container for '02261 Dup-C'

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

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

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

SCDHEC FA53292

SGS ACCUTEST — SGS Accutest Southeast Chain of Custody

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

SGS ACCUTEST JOB #: PAGE 1 OF 4

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc
Address: 3502 Hayes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: LGHG
Phone #: 704 845 4010
Sampler(s) Name(s) (Printed) Sampler 1: Kaitlyn Schaaf Sampler 2: Pamela McElrath

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601 N.
City: Pageland State: SC
Project #: 3289
PO #: UST permit # 02261
Client Purchase Order #

Analytical Information

BTEX, MTBE, Naphthalene, 1,2 DCA & Ethanol by 8260 | EDB by 8011 | BTEX, MTBE, Naphthalene, 1,2 DCA by 8260 | Gasoline by 8260 | EDB by 504.1

Matrix Codes

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

SGS Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	H2SO4	NaOH	HNO3	NaOH/ZnAc	Zn Acetate	MeOH	Lab Use Only
1	02261 MW-1	4/11/18	1532	PM	GW	5			5							
2	02261 MW 2	4/11/18	1218	KS	GW	5			5							
3	02261 MW 3	4/11/18	0901	KS	GW	5			5							
4	02261 MW 4	4/11/18	0958	KS	GW	5			5							
5	02261 MW 5	4/11/18	1050	KS	GW	5			5							
6	02261 MW 6	4/11/18	1601	PM	GW	5			5							
7	02261 MW 7	4/10/18	1702	PM	GW	5			5							
8	02261 MW 8	4/10/18	1735	KS	GW	5			5							
9	02261 MW 9	4/10/18	1927	PM	GW	5			5							
10	02261 MW 10	4/11/18	1559	KS	GW	5			5							
11	02261 MW 11	4/11/18	1441	PM	GW	5			5							
12	02261 MW 12	4/11/18	1412	PM	GW	5			5							

Turnaround Time (Business days)

10 Day (Business) — Approved By: / Date:
7 Day
5 Day
3 Day RUSH
2 Day RUSH
1 Day RUSH
Other
Rush TAT Data Available VIA Email or Lablink

Data Deliverable Information

☐ COMMERCIAL "A" (RESULTS ONLY)
☒ COMMERCIAL "B" (RESULTS PLUS)
☐ REDT1 (EPA LEVEL 3)
☐ FULLT1 (EPA LEVEL 4)
☒ EDD'S

ACCUTEST
2828-c QUEEN CITY
CLT NC 28208

Comments / Remarks

SCDHEC UST MGMT DIVISION
DR UST permit # 02261

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

	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	[signature]	4/11/18 1900	2 FedEx 811062251129	3 FX	04-12-18	4 [signature] 09:15
5	Relinquished by/Affiliation	Date Time:	6 Received By/Affiliation	7 Relinquished By/Affiliation	Date Time:	8 Received By/Affiliation

Lab Use Only: Cooler Temperature (s) Celsius (corrected): 2.8 3.0

http://www.sgs.com/en/terms-and-conditions

SGS COC Florida new art 5 2 17.xls rev 042417 SI

Effective Date 04/24/2017

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FA53292: Chain of Custody
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FA53292

SGS ACCUTEST

SGS Accutest Southeast Chain of Custody

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

SGS ACCUTEST JOB #: FA53292 PAGE 2 OF 4

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources, Inc
Address: 3502 Hayes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Bell Email: wsh@
Phone #: 704 845 4010
Sampler(s) Name(s) (Printed) Sampler 1: Kellen Schmidt Sampler 2: Pamela Mefford

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601 N
City: Pageland State: SC
Project #: 3289
Fed#: UST permit #02261
Client Purchase Order #

Analytical Information

SGS Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled By	Matrix	Total # of Bottles	HCl	Analytical: BTEX, MTBE, Naphthalene, 1,2 DCA by Oxygenates by 8260	Analytical: EDB by 8011	Analytical: BTEX, MTBE, Naphthalene, 1,2 DCA by 524.2	Analytical: Oxygenates by 8260	Analytical: EDB by 504.1
13	02261 MW 13	4/11/18	1324	PM	GW	5	5	X	X			
14	02261 MW 14	4/11/18	1323	PM	GW	5	5	X	X			
15	02261 MW 15	4/11/18	1508	KS	GW	5	5					
16	02261 MW 16	4/10/18	1806	PM	GW	5	5	X	X			
17	02261 MW 17	4/10/18	1849	PM	GW	5	5	X	X			
18	02261 MW 18	4/10/18	1945	KS	GW	5	5	X	X			
19	02261 MW 19	4/11/18	1415	KS	GW	5	5	X	X			
20	02261 MW 20	4/11/18	1435	KS	GW	5	5	X	X			
21	02261 MW 21	4/11/18	1403	KS	GW	5	5	X	X			
22	02261 MW 22	4/11/18	1305	KS	GW	5	5	X	X			
23	02261 MW 23	4/11/18	1645	PM	GW	5	5	X	X			
24	02261 MW 24	4/11/18	1744	KS	GW	5	5	X	X			

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

Turnaround Time (Business days)

10 Day (Business) Approved By: / Date:
7 Day
5 Day
3 Day RUSH
2 Day RUSH
1 Day RUSH
Other
Rush TIA Data Available VIA Email or Lablink

Data Deliverable Information

☐ COMMERCIAL "A" (RESULTS ONLY)
☒ COMMERCIAL "B" (RESULTS + QC)
☐ REDT1 (EPA LEVEL 3)
☐ FULLT1 (EPA LEVEL 4)
☒ EDD's

ACCUTEST
2820 QUEEN CITY DR
CLT NC 28208

Comments / Remarks

SCDHEC UST MGMT DIVISION
UST Permit #02261

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

	Relinquished by Sampler/Affiliation	Date Time	Received By/Affiliation	Relinquished By/Affiliation	Date Time	Received By/Affiliation
1	[signature]	4/11/18 1900	2 FedEx 811062251129	3 FX	04-12-18	4 [signature] 09:15
5	Relinquished by/Affiliation	Date Time:	6 Received By/Affiliation	7 Relinquished By/Affiliation	Date Time:	8 Received By/Affiliation

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions
Effective Date 04/24/2017

SGS COC Florida new art 5 2 17.xls rev 042417 SI

5.2 5

FA53292: Chain of Custody
Page 2 of 9

FA53292

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Chain of Custody

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www.accutest.com

SGS ACCUTEST JOB # : FA53292 PAGE 3 OF 4

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources, Inc
Address: 3502 Hayes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Bull Email: wsbtg
Phone #: 704 845 4010
Sampler(s) Name(s) (Printed) Sampler 1: Karlie Schmidt Sampler 2: Pamela Mefford

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601 N
City: Pageland State: SC
Project #: 3289
Fax #: UST Permit # 02261
Client Purchase Order #

Analytical Information

SGS Accutest Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	HCl	BTEX, MTBE, Naphthalene, 1,2DCA, Oxygenates by 8260	EDB by 8011	BTEX, MTBE, Naphthalene, 1,2DCA by 8260	Oxygenates by 8260	EDB by 504.1
25	02261 MW 25	4/11/18	0944	PM	GW	5	5	X	X			
26	MW 26	4/11/18	1002	PM	GW	5	5	X	X			
27	MW 27	4/11/18	1108	KS	GW	5	5	X	X			
28	TW 1	4/10/18	1606	KS	GW	5	5	X	X			
29	TW 2	4/10/18	1845	KS	GW	5	5	X	X			
30	TW 3	4/10/18	1929	KS	GW	5	5	X	X			
31	TW 4	4/11/18	1717	KS	GW	5	5					
32	TW 5	4/11/18	1340	KS	GW	5	5	X	X			
33	TW 6	4/11/18	1149	PM	GW	5	5	X	X			
34	DUP A	4/11/18	1526	PM	GW	5	5					
35	DUP B	4/11/18	0937	KS	GW	5	5	X	X			
36	DUP C	4/10/18	1020	PM	DW	8	8			X	X	X

Turnaround Time (Business days)

Approved By: / Date:

- 10 Day (Business)
- 7 Day
- 5 Day
- 3 Day RUSH
- 2 Day RUSH
- 1 Day RUSH
- Other

Rush TAT Data Available VIA Email or LabLink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS & QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

ACCUTEST
2828-C QUEEN CITY DR
CLT NC 28203

Comments / Remarks

SCDHEC UST MGMT DIVISION
UST Permit # 02261

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

	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	Karlie Schmidt	1910 4/11/18	2 FedEx 811062251129	3 FX	04-12-18	4 J. Cook 09:15
5	Relinquished by/Affiliation	Date Time:	Received By/Affiliation 6	Relinquished By/Affiliation 7	Date Time:	Received By/Affiliation 8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

SGS COC Florida new art 5 2 17.ds rev 042417 SI

Effective Date 04/24/2017

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FA53292

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SGS Accutest Southeast Chain of Custody

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www.accutest.com

SGS ACCUTEST JOB #: PAGE 4 OF 4

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Ecological Resources Inc.
Address: 3502 Hayes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: wsb@
Phone #: (704) 845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Keaton Schmidt Sampler 2: Pamela Mefford

Project Information

Project Name: Carolina Country Convenience
Street: 1909 Hwy 601 N
City: Pageland State: SC
Project #: 3299
Fax #: UST Permit #022261
Client Purchase Order #

Analytical Information

BTEX, MTBE, Naphthalene, 1,2,DCA & Ethanol by 8260
EDB by 8011
8 VOA, MTBE, Naph, 1,2 DCA by 8260
8 oxygenates by 8260
EDB by 504.1

Matrix Codes

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

SGS Accutest Sample #	Field ID / Point of Collection		DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	H2SO4	HNO3	NaOH	ZN ACETATE	MEOH	LAB USE ONLY
37	022261	PW-3	4/10/18	1017	KS	DW	8			8						
38	022261	FB	4/10/18	1732	KS	DW	5			5						
39	022261	TB	4/10/18	0927	KS	HCl	2			2						
40	022261	PW FB	4/10/18	1023	KS	DW	8			8						
41	022261	PW TB	4/10/18	0927	KS	HCl	4			4						

Turnaround Time (Business days)

10 Day (Business)
7 Day
5 Day
3 Day RUSH
2 Day RUSH
1 Day RUSH
Other
Approved By: / Date:

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

COMMERCIAL "A" (RESULTS ONLY)
COMMERCIAL "B" (RESULTS + QC SUMMARIES)
REDT1 (EPA LEVEL 3)
FULLT1 (EPA LEVEL 4)
EDD'S

ACCUTEST
2828 E QUEEN CITY DR
CLT NC 28203

Comments / Remarks

SCDHEC UST MGMT DIVISION
UST Permit #022261

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

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	1900 4/10/18	2 FedEx 911062251619	3 FX	04-12-18	4 J. COTAR 09:15
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

Effective Date 04/24/2017

SGS COC Florida new ert 5 2 17.dls rev 042417 SI

5.2 5

SGS Sample Receipt Summary

Job Number: FA53292 **Client:** GRI **Project:** 3289

Date / Time Received: 4/12/2018 9:15:00 AM **Delivery Method:** FX **Airbill #'s:** 1015899971660003281100811062251129

Therm ID: IR 1; **Therm CF:** 0.4; **# of Coolers:** 2

Cooler Temps (Raw Measured) °C: Cooler 1: (2.4); Cooler 2: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (2.8); Cooler 2: (3.0);

Cooler Information	Y	or	N
1. Custody Seals Present	☑		☐
2. Custody Seals Intact	☑		☐
3. Temp criteria achieved	☑		☐
4. Cooler temp verification	IR Gun		
5. Cooler media	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler	☑		☐	☐
2. Trip Blank listed on COC	☑		☐	☐
	W	**or**	**S**	**N/A**
3. Type Of TB Received	☑		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles	☑		☐	
2. Samples preserved properly	☑		☐	
3. Sufficient volume/containers recvd for analysis:	☑		☐	
4. Condition of sample	Intact			
5. Sample recvd within HT	☑		☐	
6. Dates/Times/IDs on COC match Sample Label	☑		☐	
7. VOCs have headspace	☐		☑	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____ Number of 5035 Field Kits: _____ Number of Lab Filtered Metals: _____

Test Strip Lot #s: pH 0-3 230315 pH 10-12 219813A Other: (Specify) _____ _____

Residual Chlorine Test Strip Lot #: _____

Comments 2 VOA vials received instead of 3 for EDB

SM001
Rev. Date 05/24/17

Technician: JORGEC Date: 4/12/2018 9:15:00 AM Reviewer: _____ Date: _____

5.2
5

FA53292: Chain of Custody
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SCDHEC FA53292

SGS ACCUTEST

SGS Accutest Southeast Chain of Custody

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

SGS ACCUTEST JOB #: PAGE 1 OF 4

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc
Address: 3502 Hayes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: [illegible]
Phone #: 704 945 4010
Sampler(s) Name(s) (Printed): Sampler 1: Karlyn Sikma / Sampler 2: Pamela McElfresh

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601 N.
City: Pageland State: SC
Project #: 3289
PO#: UST permit # 02261
Client Purchase Order #

Analytical Information

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

BGS Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	MeOH	H2SO4	NaOH	ZnAcetate	NaOH	BTEX/MTBE, Naphthalene (EPA 8260 & oxygenates by 8260)	EDB by 8011	BTEX, MTBE, Naphthalene (EPA 8260 by 524.2)	Benzene results by 8260	EDB by 504.1	LAB USE ONLY
1	02261 MW-1	4/11/18	1532	PM	GW	5			5						X	X				
2	02261 MW 2	4/11/18	1218	KS	GW	5			5						X	X				
3	02261 MW 3	4/11/18	0901	KS	GW	5			5						X	X				
4	02261 MW 4	4/11/18	0958	KS	GW	5			5						X	X				
5	02261 MW 5	4/11/18	1050	KS	GW	5			5						X	X				
6	02261 MW 6	4/11/18	1601	PM	GW	5			5						X	X				
7	02261 MW 7	4/11/18	1702	PM	GW	5			5						X	X				
8	02261 MW 8	4/11/18	1735	KS	GW	5			5						X	X				
9	02261 MW 9	4/11/18	1927	PM	GW	5			5						X	X				
10	02261 MW 10	4/11/18	1559	KS	GW	5			5						X	X				
11	02261 MW 11	4/11/18	1941	PM	GW	5			5						X	X				
12	02261 MW 12	4/11/18	1912	PM	GW	5			5						X	X				

Turnaround Time (Business days)

- (10 Day (Business))
- 7 Day
- 5 Day
- 3 Day RUSH
- 2 Day RUSH
- 1 Day RUSH
- Other

Approved By: / Date:

Rush TAT Data Available VIA Email or LabLink

Data Deliverable Information

- ☐ COMMERCIAL "A" (RESULTS ONLY)
- ☒ COMMERCIAL "B" (RESULTS PLUS)
- ☐ REDT1 (EPA LEVEL 2)
- ☐ FULLT1 (EPA LEVEL 4)
- ☒ EDD's

ACCUTEST
2828-C QUEEN CITY
CLT NC 28208

Comments / Remarks

SCDHEC UST MGMT DIVISION
DR UST permit #02261

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

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	4/11/18 1900	2 FedEx 811062251129	3	04-12-18	4 J. Cooke 09:15
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected): 2.8 3.0

http://www.sgs.com/en/terms-and-conditions

Effective Date 04/24/2017

SGS OCC Florida new art 6 2 17.dot rev 042417 BI

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FA53292: Chain of Custody
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FA53292

SGS ACCUTEST

SGS Accutest Southeast Chain of Custody

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

SGS ACCUTEST JOB # : PAGE 2 OF 4

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources, Inc
Address: 3502 Hayes Road
City: Monroe /State: NC Zip: 28110
Project Contact: Scott Bell Email: wsb@
Phone #: 704 845 4010
Sampler(s) Name(s) (Printed): Sampler 1: Kaelen Schmidt Sampler 2: Pamela Mefford

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601 N
City: Pageland State: SC
Project #: 3289
Fax#: UST permit #02261
Client Purchase Order #

Analytical Information

BTEX, MTBE, Naphthalene, 1,2DCA by 8260
EDB by 8011
BTEX, MTBE, Naphthalene, 1,3DCA by 8260
Oxygenates by 8260
EDB by 504.1

Matrix Codes

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

SGS Accutest Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	Total # of Bottles	Other	HCl	MeOH	HNO3	H2SO4	NaOH	Zn Acetate	Ascorbic Acid	Na2S2O3	BTEX, MTBE, Naphthalene, 1,2DCA by 8260	EDB by 8011	BTEX, MTBE, Naphthalene, 1,3DCA by 8260	Oxygenates by 8260	EDB by 504.1	LAB USE ONLY
13	02261 mw 13	4/11/18	1324	PM	GW	5		5								X	X				
14	02261 mw 14	4/11/18	1323	PM	GW	5		5								X	X				
15	02261 mw 15	4/11/18	1508	KS	GW	5		5								X	X				
16	02261 mw 16	4/10/18	1806	PM	GW	5		5								X	X				
17	02261 mw 17	4/10/18	1949	PM	GW	5		5								X	X				
18	02261 mw 18	4/10/18	1945	KS	GW	5		5								X	X				
19	02261 mw 19	4/11/18	1415	KS	GW	5		5								X	X				
20	02261 mw 20	4/11/18	1435	KS	GW	5		5								X	X				
21	02261 mw 21	4/11/18	1403	KS	GW	5		5								X	X				
22	02261 mw 22	4/11/18	1305	KS	GW	5		5								X	X				
23	02261 mw 23	4/10/18	1645	PM	GW	5		5								X	X				
24	02261 mw 24	4/11/18	1144	KS	GW	5		5								X	X				

Turnaround Time (Business days)

10 Day (Business)
7 Day
5 Day
3 Day RUSH
2 Day RUSH
1 Day RUSH
Other
Approved By: / Date:

Rush TAT Data Available VIA Email or Lablink

Data Deliverable Information

☐ COMMERCIAL "A" (RESULTS ONLY)
☒ COMMERCIAL "B" (RESULTS + QC)
☐ REDT1 (EPA LEVEL 3)
☐ FULLT1 (EPA LEVEL 4)
☒ EDD's

ACCUTEST
QUEEN CITY DR
CLT NC 28203

Comments / Remarks

SCDHEC UST MGMT DIVISION
UST Permit #02261

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

Relinquished by Sampler/Affiliation	Date Time	Received By/Affiliation	Relinquished By/Affiliation	Date Time	Received By/Affiliation
1	4/11/18 1900	2 FedEx 811062251129	3 FX	04-12-18	4 J. Cogal 09:15
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

SGS COC Florida new art 5 2 17.xls rev 042417 SI

Effective Date 04/24/2017

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FA53292

SGS ACCUTEST

SGS Accutest Southeast
Chain of Custody
4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.accutest.com

SGS ACCUTEST JOB #: PAGE 3 OF 4

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources, Inc
Address: 3502 Hayes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Bell Email: wsb@
Phone #: 704 845 4010
Sampler(s) Name(s) (Printed): Sampler 1: Kellen Schmidt Sampler 2: Pamela Mefford

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601 N
City: Pageland State: SC
Project #: 3289
Sage #: UST Permit # 02261
Client Purchase Order #

Analytical Information

BTEX + MTBE + Naphthalene by 8260
EDB by 8011
BTEX + MTBE + Naphthalene by 8260
Oxygenates by 8260
EDB by 504.1

Matrix Codes

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

SGS Accutest Sample #	Field ID / Point of Collection	Date	Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	NaOH	H2SO4	HNO3	DI Water	MeOH	BTEX + MTBE + Naphthalene by 8260	EDB by 8011	Oxygenates by 8260	EDB by 504.1								LAB USE ONLY
25	02261 MW 25	4/11/18	0900	PM	GW	5			5						X	X										
26	MW 26	4/11/18	1002	PM	GW	5			5						X	X										
27	MW 27	4/11/18	1108	KS	GW	5			5						X	X										
28	TW 1	4/10/18	1606	KS	GW	5			5						X	X										
29	TW 2	4/10/18	1845	KS	GW	5			5						X	X										
30	TW 3	4/10/18	1929	KS	GW	5			5						X	X										
31	TW 4	4/11/18	1717	KS	GW	5			5						X	X										
32	TW 5	4/11/18	1340	KS	GW	5			5						X	X										
33	TW 6	4/11/18	1149	PM	GW	5			5						X	X										
34	DUP A	4/11/18	1526	PM	GW	5			5						X	X										
35	DUP B	4/11/18	0937	KS	GW	5			5						X	X										
36	DUP C	4/10/18	1020	PM	DW	8			8								X	X	X							

Turnaround Time (Business days)

10 Day (Business) Approved By: / Date:
7 Day
5 Day
3 Day RUSH
2 Day RUSH
1 Day RUSH
Other
Rush TAT Data Available VIA Email or Lablink

Data Deliverable Information

☐ COMMERCIAL "A" (RESULTS ONLY)
☒ COMMERCIAL "B" (RESULTS + QC)
☐ REDT1 (EPA LEVEL 3)
☐ FULLT1 (EPA LEVEL 4)
☒ EDD's

ACCUTEST
2828 N C QUEEN CITY DR
CLT NC 28203

Comments / Remarks

SCDHEC UST MGMT DIVISION
UST Permit # 02261

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

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1 Kellen Schmidt	4/11/18 1900	2 FedEx 811066225129	3 FK	04-12-18	4 J. Coone 09:15
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions
Effective Date 04/24/2017

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FA53292

SGS ACCUTEST

SGS Accutest Southeast Chain of Custody

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

SGS ACCUTEST JOB #: PAGE 4 OF 4

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 3502 Hayes Road.
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: wsb@
Phone #: (704) 845-4010
Sampler(s) Name(s) (Printed): Sampler 1: KaylanSchmidt Sampler 2: Pamela Mefford

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601 N
City: Pageland State: SC
Project #: 3289
Fund: UST Permit #022261
Client Purchase Order #

Analytical Information

1) BTEX + MTBE Naphthalene, 1,2-DCA, Ethanol by 8260
2) EDB by 8011
3) RCRA Metals (Pb) by 6010, MTBE, Naphthalene by 8260
4) Oxygenates by 8260
5) EDB by 504.1

Matrix Codes

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

SGS Accutest Sample #	Field ID / Point of Collection		Date	Time	Sampled By	Matrix	Total # of Bottles	Other	Vials	HCl	NaOH	HNO3	H2SO4	NaOH/ZnAc	DI Water	MeOH	1)	2)	3)	4)	5)	Lab Use Only
37	022261	PW-3	4/10/18	1017	KS	DW	8			8									X	X	X	
38	022261	FB	4/10/18	1732	KS	GW	5			5							X	X				
39	022261	TB	4/10/18	0927	KS	Liq	2			2							X					
40	022261	PW FB	4/10/18	1023	KS	DW	8			8									X	X	X	
41	022261	PW TB	4/10/18	0927	KS	Liq	4			4									X	X		

Turnaround Time (Business days)

Approved By: / Date:

- 10 Day (Business)
- 7 Day
- 5 Day
- 3 Day *RUSH*
- 2 Day *RUSH*
- 1 Day *RUSH*
- Other

Rush TIA Data Available VIA Email or LabLink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS + QC SUMMARIES)
- [ ] REDT1 (FULL LEVEL 3)
- [ ] FULLT1 (FULL LEVEL 4)
- [x] EDD'S

ACCUTEST
2828-C QUEEN CITY DR
CLT NC 28203

Comments / Remarks

SCDHEC UST MGMT DIVISION
UST Permit #022261

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

	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	[signature]	1900 4/10/18	2 FedEx 911066251124	3 FX	04-12-18	4 J. COTAP 09:15
	Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5			6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

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Effective Date 04/24/2017

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FA53292: Chain of Custody
Page 9 of 9

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: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1603-MB	I54206.D	1	04/13/18	AJ	n/a	n/a	VI1603

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

FA53292-1, FA53292-2, FA53292-3, FA53292-4, FA53292-5, FA53292-6, FA53292-7, FA53292-8, FA53292-9, FA53292-10, FA53292-11, FA53292-12

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

Method Blank Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1604-MB	I54234.D	1	04/14/18	AJ	n/a	n/a	VI1604

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

FA53292-12, FA53292-13, FA53292-14, FA53292-15, FA53292-16, FA53292-17, FA53292-18, FA53292-19, FA53292-20, FA53292-21, FA53292-22, FA53292-23, FA53292-24, FA53292-25, FA53292-26, FA53292-27, FA53292-28, FA53292-29, FA53292-30, FA53292-31

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

Method Blank Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E294-MB	5E7333.D	1	04/14/18	SO	n/a	n/a	V5E294

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

FA53292-33, FA53292-35, FA53292-38

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	122%	79-125%
2037-26-5	Toluene-D8	103%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

Method Blank Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP2139-MB	P56323.D	1	04/16/18	AJ	n/a	n/a	VP2139

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

FA53292-15, FA53292-21

CAS No.	Compound	Result	RL	MDL	Units	Q
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Method Blank Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E295-MB	5E7354.D	1	04/16/18	SO	n/a	n/a	V5E295

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

FA53292-32, FA53292-34, FA53292-39

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	120%	79-125%
2037-26-5	Toluene-D8	103%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1603-BS	I54205.D	1	04/13/18	AJ	n/a	n/a	VI1603

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

FA53292-1, FA53292-2, FA53292-3, FA53292-4, FA53292-5, FA53292-6, FA53292-7, FA53292-8, FA53292-9, FA53292-10, FA53292-11, FA53292-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.7	99	81-122
107-06-2	1,2-Dichloroethane	25	23.8	95	75-125
108-20-3	Di-Isopropyl Ether	25	24.0	96	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1120	90	55-126
64-17-5	Ethyl Alcohol	500	509	102	46-145
100-41-4	Ethylbenzene	25	25.3	101	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.7	95	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.8	91	72-117
91-20-3	Naphthalene	25	21.9	88	63-132
75-85-4	Tert-Amyl Alcohol	250	254	102	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.9	92	73-122
75-65-0	Tert-Butyl Alcohol	250	266	106	63-129
762-75-4	Tert-Butyl Formate	250	200	80	46-130
108-88-3	Toluene	25	24.7	99	80-120
1330-20-7	Xylene (total)	75	76.8	102	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E294-BS	5E7325.D	1	04/14/18	SO	n/a	n/a	V5E294

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

FA53292-33, FA53292-35, FA53292-38

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.8	95	81-122
107-06-2	1,2-Dichloroethane	25	27.2	109	75-125
108-20-3	Di-Isopropyl Ether	25	24.8	99	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1090	87	55-126
64-17-5	Ethyl Alcohol	500	595	119	46-145
100-41-4	Ethylbenzene	25	24.8	99	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.4	94	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.1	88	72-117
91-20-3	Naphthalene	25	25.4	102	63-132
75-85-4	Tert-Amyl Alcohol	250	246	98	65-124
994-05-8	Tert-Amyl Methyl Ether	25	21.3	85	73-122
75-65-0	Tert-Butyl Alcohol	250	252	101	63-129
762-75-4	Tert-Butyl Formate	250	199	80	46-130
108-88-3	Toluene	25	24.3	97	80-120
1330-20-7	Xylene (total)	75	73.8	98	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	120%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1604-BS	I54233.D	1	04/14/18	AJ	n/a	n/a	VI1604

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

FA53292-12, FA53292-13, FA53292-14, FA53292-15, FA53292-16, FA53292-17, FA53292-18, FA53292-19, FA53292-20, FA53292-21, FA53292-22, FA53292-23, FA53292-24, FA53292-25, FA53292-26, FA53292-27, FA53292-28, FA53292-29, FA53292-30, FA53292-31

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.1	100	81-122
107-06-2	1,2-Dichloroethane	25	24.1	96	75-125
108-20-3	Di-Isopropyl Ether	25	24.1	96	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1330	106	55-126
64-17-5	Ethyl Alcohol	500	566	113	46-145
100-41-4	Ethylbenzene	25	25.7	103	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.4	94	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.5	90	72-117
91-20-3	Naphthalene	25	22.3	89	63-132
75-85-4	Tert-Amyl Alcohol	250	267	107	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.8	91	73-122
75-65-0	Tert-Butyl Alcohol	250	271	108	63-129
762-75-4	Tert-Butyl Formate	250	188	75	46-130
108-88-3	Toluene	25	25.1	100	80-120
1330-20-7	Xylene (total)	75	77.7	104	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E295-BS	5E7353.D	1	04/16/18	SO	n/a	n/a	V5E295

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

FA53292-32, FA53292-34, FA53292-39

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.4	98	81-122
107-06-2	1,2-Dichloroethane	25	27.6	110	75-125
108-20-3	Di-Isopropyl Ether	25	32.1	128*	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1130	90	55-126
64-17-5	Ethyl Alcohol	500	571	114	46-145
100-41-4	Ethylbenzene	25	25.1	100	81-121
637-92-3	Ethyl Tert Butyl Ether	25	30.5	122*	71-120
1634-04-4	Methyl Tert Butyl Ether	25	28.9	116	72-117
91-20-3	Naphthalene	25	26.6	106	63-132
75-85-4	Tert-Amyl Alcohol	250	309	124	65-124
994-05-8	Tert-Amyl Methyl Ether	25	27.8	111	73-122
75-65-0	Tert-Butyl Alcohol	250	328	131*	63-129
762-75-4	Tert-Butyl Formate	250	205	82	46-130
108-88-3	Toluene	25	24.7	99	80-120
1330-20-7	Xylene (total)	75	75.3	100	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	108%	83-118%
17060-07-0	1,2-Dichloroethane-D4	119%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP2139-BS	P56324.D	1	04/16/18	AJ	n/a	n/a	VP2139

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

FA53292-15, FA53292-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
75-65-0	Tert-Butyl Alcohol	250	233	93	63-129
108-88-3	Toluene	25	23.8	95	80-120

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53240-2MS	I54218.D	5	04/13/18	AJ	n/a	n/a	VI1603
FA53240-2MSD	I54219.D	5	04/13/18	AJ	n/a	n/a	VI1603
FA53240-2	I54212.D	1	04/13/18	AJ	n/a	n/a	VI1603

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

FA53292-1, FA53292-2, FA53292-3, FA53292-4, FA53292-5, FA53292-6, FA53292-7, FA53292-8, FA53292-9, FA53292-10, FA53292-11, FA53292-12

CAS No.	Compound	FA53240-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0	U	125	131	105	125	127	102	3	81-122/14
107-06-2	1,2-Dichloroethane	1.0	U	125	127	102	125	124	99	2	75-125/14
108-20-3	Di-Isopropyl Ether	1.0	U	125	131	105	125	129	103	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50	U	6250	5750	92	6250	5500	88	4	55-126/17
64-17-5	Ethyl Alcohol	200	U	2500	2820	113	2500	2560	102	10	46-145/30
100-41-4	Ethylbenzene	1.0	U	125	132	106	125	129	103	2	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0	U	125	126	101	125	125	100	1	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1.0	U	125	118	94	125	118	94	0	72-117/14
91-20-3	Naphthalene	5.0	U	125	111	89	125	111	89	0	63-132/25
75-85-4	Tert-Amyl Alcohol	20	U	1250	1300	104	1250	1320	106	2	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0	U	125	116	93	125	115	92	1	73-122/13
75-65-0	Tert-Butyl Alcohol	20	U	1250	1470	118	1250	1460	117	1	63-129/27
762-75-4	Tert-Butyl Formate	20	U	1250	842	67	1250	818	65	3	46-130/33
108-88-3	Toluene	1.0	U	125	130	104	125	127	102	2	80-120/14
1330-20-7	Xylene (total)	3.0	U	375	398	106	375	392	105	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA53240-2	Limits
1868-53-7	Dibromofluoromethane	103%	103%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	102%	104%	79-125%
2037-26-5	Toluene-D8	99%	99%	100%	85-112%
460-00-4	4-Bromofluorobenzene	98%	99%	98%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53292-15MS	I54244.D	500	04/14/18	AJ	n/a	n/a	VI1604
FA53292-15MSD	I54245.D	500	04/14/18	AJ	n/a	n/a	VI1604
FA53292-15	I54238.D	200	04/14/18	AJ	n/a	n/a	VI1604
FA53292-15	I54257.D	500	04/14/18	AJ	n/a	n/a	VI1604

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

FA53292-12, FA53292-13, FA53292-14, FA53292-15, FA53292-16, FA53292-17, FA53292-18, FA53292-19, FA53292-20, FA53292-21, FA53292-22, FA53292-23, FA53292-24, FA53292-25, FA53292-26, FA53292-27, FA53292-28, FA53292-29, FA53292-30, FA53292-31

CAS No.	Compound	FA53292-15 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	26200 [a]		12500	39300	105	12500	38800	101	1	81-122/14
107-06-2	1,2-Dichloroethane	942		12500	13300	99	12500	13400	100	1	75-125/14
108-20-3	Di-Isopropyl Ether	ND		12500	12700	102	12500	12900	103	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		625000	643000	103	625000	666000	107	4	55-126/17
64-17-5	Ethyl Alcohol	ND		250000	271000	108	250000	255000	102	6	46-145/30
100-41-4	Ethylbenzene	2500		12500	15300	102	12500	15600	105	2	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		12500	12200	98	12500	12400	99	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	2330		12500	13900	93	12500	14300	96	3	72-117/14
91-20-3	Naphthalene	369	J	12500	11600	90	12500	12000	93	3	63-132/25
75-85-4	Tert-Amyl Alcohol	58000		125000	186000	102	125000	203000	116	9	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		12500	11100	89	12500	11400	91	3	73-122/13
75-65-0	Tert-Butyl Alcohol	70800	J	125000	199000	103	125000	208000	110	4	63-129/27
762-75-4	Tert-Butyl Formate	ND		125000	92800	74	125000	95200	76	3	46-130/33
108-88-3	Toluene	8140		12500	20300	97	12500	20700	100	2	80-120/14
1330-20-7	Xylene (total)	12100		37500	51000	104	37500	51800	106	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA53292-15	FA53292-15	Limits
1868-53-7	Dibromofluoromethane	104%	102%	98%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	101%	104%	79-125%
2037-26-5	Toluene-D8	99%	100%	101%	101%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	99%	99%	83-118%

(a) Result is from Run #2.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53261-4MS	5E7346.D	1	04/14/18	SO	n/a	n/a	V5E294
FA53261-4MSD	5E7347.D	1	04/14/18	SO	n/a	n/a	V5E294
FA53261-4	5E7335.D	1	04/14/18	SO	n/a	n/a	V5E294

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

FA53292-33, FA53292-35, FA53292-38

CAS No.	Compound	FA53261-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	23.9	96	25	21.7	87	10	81-122/14
107-06-2	1,2-Dichloroethane	ND		25	27.8	111	25	25.0	100	11	75-125/14
108-20-3	Di-Isopropyl Ether	ND		25	25.3	101	25	23.1	92	9	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		1250	1110	89	1250	1130	90	2	55-126/17
64-17-5	Ethyl Alcohol	ND		500	529	106	500	493	99	7	46-145/30
100-41-4	Ethylbenzene	ND		25	25.4	102	25	22.8	91	11	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		25	23.7	95	25	21.6	86	9	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		25	22.2	89	25	20.0	80	10	72-117/14
91-20-3	Naphthalene	ND		25	26.1	104	25	23.7	95	10	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		250	234	94	250	208	83	12	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		25	21.4	86	25	19.5	78	9	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		250	343	137*	250	320	128	7	63-129/27
762-75-4	Tert-Butyl Formate	ND		250	7.6	3*	250	7.7	3*	1	46-130/33
108-88-3	Toluene	ND		25	25.2	101	25	22.6	90	11	80-120/14
1330-20-7	Xylene (total)	ND		75	75.8	101	75	67.9	91	11	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA53261-4	Limits
1868-53-7	Dibromofluoromethane	105%	105%	109%	83-118%
17060-07-0	1,2-Dichloroethane-D4	120%	120%	124%	79-125%
2037-26-5	Toluene-D8	103%	103%	103%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53335-1MS	P56335.D	1	04/16/18	AJ	n/a	n/a	VP2139
FA53335-1MSD	P56336.D	1	04/16/18	AJ	n/a	n/a	VP2139
FA53335-1	P56330.D	1	04/16/18	AJ	n/a	n/a	VP2139

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

FA53292-15, FA53292-21

CAS No.	Compound	FA53335-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
75-65-0	Tert-Butyl Alcohol	ND		250	243	97	250	275	110	12	63-129/27
108-88-3	Toluene	ND		25	22.3	89	25	23.1	92	4	80-120/14

CAS No.	Surrogate Recoveries	MS	MSD	FA53335-1	Limits
1868-53-7	Dibromofluoromethane	101%	101%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	100%	107%	79-125%
2037-26-5	Toluene-D8	97%	99%	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	99%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA53349-1MS	5E7376.D	10	04/16/18	SO	n/a	n/a	V5E295
FA53349-1MSD	5E7377.D	10	04/16/18	SO	n/a	n/a	V5E295
FA53349-1	5E7366.D	1	04/16/18	SO	n/a	n/a	V5E295

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

FA53292-32, FA53292-34, FA53292-39

CAS No.	Compound	FA53349-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.67	I	250	232	93	250	234	93	1	81-122/14
107-06-2	1,2-Dichloroethane	1.0 U		250	271	108	250	273	109	1	75-125/14
108-20-3	Di-Isopropyl Ether	1.0 U		250	304	122	250	309	124*	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50 U		12500	10800	86	12500	12800	102	17	55-126/17
64-17-5	Ethyl Alcohol	200 U		5000	4810	96	5000	5270	105	9	46-145/30
100-41-4	Ethylbenzene	1.0 U		250	242	97	250	243	97	0	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0 U		250	283	113	250	290	116	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	0.63	I	250	269	107	250	273	109	1	72-117/14
91-20-3	Naphthalene	5.0 U		250	240	96	250	248	99	3	63-132/25
75-85-4	Tert-Amyl Alcohol	177		2500	2770	104	2500	3310	125*	18	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0 U		250	256	102	250	262	105	2	73-122/13
75-65-0	Tert-Butyl Alcohol	10.4	I	2500	2950	118	2500	3480	139*	16	63-129/27
762-75-4	Tert-Butyl Formate	20 U		2500	1420	57	2500	1400	56	1	46-130/33
108-88-3	Toluene	1.0 U		250	242	97	250	237	95	2	80-120/14
1330-20-7	Xylene (total)	3.0 U		750	721	96	750	726	97	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA53349-1	Limits
1868-53-7	Dibromofluoromethane	107%	108%	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	123%	123%	124%	79-125%
2037-26-5	Toluene-D8	103%	101%	104%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	99%	83-118%

* = Outside of Control Limits.

GC Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69612-MB	DD98708.D	1	04/13/18	NM	04/13/18	OP69612	GDD2873

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-1, FA53292-2, FA53292-3, FA53292-4, FA53292-6, FA53292-7, FA53292-8, FA53292-9, FA53292-10, FA53292-11, FA53292-12, FA53292-13, FA53292-14, FA53292-15, FA53292-16, FA53292-17, FA53292-18, FA53292-19, FA53292-20

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	97%	63-137%

Method Blank Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69633-MB	DD98755.D	1	04/16/18	NM	04/16/18	OP69633	GDD2874

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-21, FA53292-22, FA53292-23, FA53292-24, FA53292-25, FA53292-26, FA53292-27, FA53292-28, FA53292-29, FA53292-30, FA53292-31, FA53292-32, FA53292-33, FA53292-34, FA53292-35, FA53292-38

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	88%	63-137%

Method Blank Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69659-MB	DD98888.D	1	04/18/18	NM	04/17/18	OP69659	GDD2876

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-5

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	113%	63-137%

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69612-BS	DD98706.D	1	04/13/18	NM	04/13/18	OP69612	GDD2873

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-1, FA53292-2, FA53292-3, FA53292-4, FA53292-6, FA53292-7, FA53292-8, FA53292-9, FA53292-10, FA53292-11, FA53292-12, FA53292-13, FA53292-14, FA53292-15, FA53292-16, FA53292-17, FA53292-18, FA53292-19, FA53292-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.28	112	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	104%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69612-BS2	DD98707.D	1	04/13/18	NM	04/13/18	OP69612	GDD2873

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-1, FA53292-2, FA53292-3, FA53292-4, FA53292-6, FA53292-7, FA53292-8, FA53292-9, FA53292-10, FA53292-11, FA53292-12, FA53292-13, FA53292-14, FA53292-15, FA53292-16, FA53292-17, FA53292-18, FA53292-19, FA53292-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.26	104	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	97%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69633-BS	DD98753.D	1	04/16/18	NM	04/16/18	OP69633	GDD2874

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-21, FA53292-22, FA53292-23, FA53292-24, FA53292-25, FA53292-26, FA53292-27, FA53292-28, FA53292-29, FA53292-30, FA53292-31, FA53292-32, FA53292-33, FA53292-34, FA53292-35, FA53292-38

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.24	96	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	86%	63-137%

7.2.3

7

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69633-BS2	DD98754.D	1	04/16/18	NM	04/16/18	OP69633	GDD2874

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-21, FA53292-22, FA53292-23, FA53292-24, FA53292-25, FA53292-26, FA53292-27, FA53292-28, FA53292-29, FA53292-30, FA53292-31, FA53292-32, FA53292-33, FA53292-34, FA53292-35, FA53292-38

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.26	104	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	89%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69659-BS	DD98886.D	1	04/18/18	NM	04/17/18	OP69659	GDD2876

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	105%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69659-BS2	DD98887.D	1	04/18/18	NM	04/17/18	OP69659	GDD2876

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.24	96	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	106%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69612-MS	DD98743.D	50	04/16/18	NM	04/13/18	OP69612	GDD2874
FA53292-1	DD98742.D	50	04/16/18	NM	04/13/18	OP69612	GDD2874

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-1, FA53292-2, FA53292-3, FA53292-4, FA53292-6, FA53292-7, FA53292-8, FA53292-9, FA53292-10, FA53292-11, FA53292-12, FA53292-13, FA53292-14, FA53292-15, FA53292-16, FA53292-17, FA53292-18, FA53292-19, FA53292-20

CAS No.	Compound	FA53292-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	32.7		0.233	26.6	-2621* [a]	72-134

CAS No.	Surrogate Recoveries	MS	FA53292-1	Limits
460-00-4	4-Bromofluorobenzene	0%* [b]	0%* [b]	63-137%

(a) Outside control limits due to high level in sample relative to spike amount.
(b) Outside control limits due to dilution.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69633-MS	DD98832.D	200	04/17/18	NM	04/16/18	OP69633	GDD2875
FA53292-21 [a]	DD98831.D	200	04/17/18	NM	04/16/18	OP69633	GDD2875

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-21, FA53292-22, FA53292-23, FA53292-24, FA53292-25, FA53292-26, FA53292-27, FA53292-28, FA53292-29, FA53292-30, FA53292-31, FA53292-32, FA53292-33, FA53292-34, FA53292-35, FA53292-38

CAS No.	Compound	FA53292-21 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	86.8		0.235	58.3	-12149* [b]	72-134

CAS No.	Surrogate Recoveries	MS	FA53292-21	Limits
460-00-4	4-Bromofluorobenzene	0%* [c]	0%* [c]	63-137%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits due to high level in sample relative to spike amount.
(c) Outside control limits due to dilution.

* = Outside of Control Limits.

7.3.2

7

Matrix Spike Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69659-MS	DD98890.D	1	04/18/18	NM	04/17/18	OP69659	GDD2876
FA53391-1	DD98889.D	1	04/18/18	NM	04/17/18	OP69659	GDD2876

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-5

CAS No.	Compound	FA53391-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.231	0.19	82	72-134

CAS No.	Surrogate Recoveries	MS	FA53391-1	Limits
460-00-4	4-Bromofluorobenzene	90%	90%	63-137%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69612-DUP	DD98712.D	1	04/13/18	NM	04/13/18	OP69612	GDD2873
FA53292-2	DD98744.D	1	04/16/18	NM	04/13/18	OP69612	GDD2874

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-1, FA53292-2, FA53292-3, FA53292-4, FA53292-6, FA53292-7, FA53292-8, FA53292-9, FA53292-10, FA53292-11, FA53292-12, FA53292-13, FA53292-14, FA53292-15, FA53292-16, FA53292-17, FA53292-18, FA53292-19, FA53292-20

CAS No.	Compound	FA53292-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA53292-2	Limits
460-00-4	4-Bromofluorobenzene	81%	67%	63-137%

7.4.1

7

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69633-DUP [a]	DD98834.D	10	04/17/18	NM	04/16/18	OP69633	GDD2875
FA53292-22 [a]	DD98833.D	10	04/17/18	NM	04/16/18	OP69633	GDD2875

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-21, FA53292-22, FA53292-23, FA53292-24, FA53292-25, FA53292-26, FA53292-27, FA53292-28, FA53292-29, FA53292-30, FA53292-31, FA53292-32, FA53292-33, FA53292-34, FA53292-35, FA53292-38

CAS No.	Compound	FA53292-22 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	4.3		3.9		10	28

CAS No.	Surrogate Recoveries	DUP	FA53292-22	Limits
460-00-4	4-Bromofluorobenzene	0%* [b]	0%* [b]	63-137%

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

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA53292
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP69659-DUP	DD98892.D	1	04/18/18	NM	04/17/18	OP69659	GDD2876
FA53391-2	DD98891.D	1	04/18/18	NM	04/17/18	OP69659	GDD2876

The QC reported here applies to the following samples: **Method:** SW846 8011

FA53292-5

CAS No.	Compound	FA53391-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA53391-2	Limits
460-00-4	4-Bromofluorobenzene	93%	116%	63-137%

7.4.3

7

* = Outside of Control Limits.

APPENDIX D
Field Data Information Sheets

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 4/10/18 + 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience
County: Chesterfield	Project Manager: Quincy Hoffer	Field Personnel: Kaelan Schmidt Pamela Metford

Well Gauging Information

Date	Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
11 :	MW 1	35.26	25-35	–	18.21	–			Y	0/2	N
11	MW 2	41.85	37-42	–	23.47	–			Y	2/3	N
11	MW 3	42.10	37-42	–	20.10	–			Y	Y	N
11	MW 4	41.92	37-42	–	21.69	–			Y	Y	N
11	MW 5	42.02	37-42	–	27.69	–			Y	2/3	YES
11	MW 6	34.71	30-35	–	16.53	–			Y	1/3	Y
10	MW 7	33.74	25-30	–	15.15	–			Y	N/A	YES
10	MW 8	30.12	25-30	–	15.25	–			Y	N/A	N
10	MW 9	32.96	25-30	–	19.61	–			NO	N/A	N
11	MW 10	35.37	30-35	–	17.43	–			Y	Y	Y
11,	MW 11	34.83	30-35	–	18.94	–			Y	Y	N
11	MW 12	35.41	30-35	–	21.02	–			Y	Y	Y
11	MW 13	35.23	30-35	–	19.79	–			Y	2/3	Y

Notes: MW-7, TW-1, TW-2 (Damaged Casing), TW-3, MW-8, MW-9 ALL HAVE STICKUPS

Signature: Kaelan Schmidt

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 4/10/18+4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience
County: Chesterfield	Project Manager: Quinly Hoffer	Field Personnel: Kaelan Schmidt Pamela Metford

Well Gauging Information

Date	Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
11.	MW 14	35.02	30-35	—	22.13	—			Y	Y	N
11	MW 15	24.55	15-25	—	17.95	—			Y	Y	Y
10	MW 16	25.29	15-25	—	12.31	—			Y	Y	N
10	MW 17	25.48	15-25	—	11.33	—			Y	Y	N
10	MW 18	24.39	14-24	—	16.89	—			Y	Y	N
11	MW 19	~~37.71~~ 35.02	15-30	—	~~22.56~~ 22.13	—			Y	Y	N
12	MW 20	30.07	15-30	—	19.16	—			Y	Y	N
11	MW 21	29.94	15-30	—	21.00	—			Y	Y	Y
11	MW 22	29.64	15-30	—	19.71	—			X	Y	N
11	MW 23	30.02	15-30	—	21.71	—			Y	Y	Y
11	MW 24	37.67	12-37	—	23.49	—			Y	X	N
11	MW 25	37.61	12-37	—	20.08	—			Y	Y	N
11	MW 26	37.44	12-37	—	21.61	—			Y	Y	YES

Notes: _____

Signature: Kaelan Schmidt

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 4/10/18 + 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience
County: Chesterfield	Project Manager: Quincy Hoffer	Field Personnel: Kaelan Schmidt Pamela Mefford

Well Gauging Information

Date	Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
11	MW 27	37.83	12-37	—	28.12	—			Y	Y	N
10	TW 1	59.28	51-56	—	15.51	—			Y	N/A	N
10	TW 2	59.64	51-56	—	16.34	—			NO	N/A	N
10	TW 3	56.38	51-56	—	19.48	—			Y	N/A	N
11	TW 4	60.30	51-56	—	22.10	—			Y	Y	N
11	TW 5	57.09	51-56	Sheen	19.72	—			Y	Y	N
11	TW 6	66.66	63-68	—	28.46	—			Y	N	N

Notes: _____

Signature: Kaelan Schmidt

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 55 6MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100634	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 25 to 35		Total Well Depth (TWD) (ft.): 35.26
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 18.21		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): 17.05	1 casing volume (CV = LWC x C) (gals.): 2.73		3 casing volumes (3 x CV) (gals.): 7.11

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.00	5.75	7.75				
Time (military)	1515	1520	1529	1532				
PH (s.u.)	5.05	5.65	5.71	5.85				
Specific Conductivity (µS/cm)	236	215	259	305				
Water Temperature (°C)	20.62	20.66	20.67	20.70				
Turbidity (NTU)	773	175	244	1000+				
Dissolved Oxygen (mg/L)	1.91	1.54	1.77	1.27				

Sampling Data

Sampled By: Karlen Schmidt, Pamela Mefford	Sampling Time: 1532	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 7.75

Signature: Karlen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/18/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 37 to 42	Total Well Depth (TWD) (ft.): 41.85
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 23.47		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 18.38	1 casing volume (CV = LWC x C) (gals.): 2.94		3 casing volumes (3 x CV) (gals.): 8.82

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.25	6.25	9.25				
Time (military)	1214	1216	1217	1218				
PH (s.u.)	5.60	5.77	NM	5.94				
Specific Conductivity (µS/cm)	121	144	NM	191				
Water Temperature (°C)	20.15	20.10	NM	19.74				
Turbidity (NTU)	31.6	208	565	793				
Dissolved Oxygen (mg/L)	2.09	~~1.85~~	NM	1.82				

Sampling Data

Sampled By: Karen Schmidt Pamela	Sampling Time: ~~1149~~ 1218	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

DHEC 0423 (10/2012)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/19/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hafler	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 55 GMPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___Private WSW ___Public WSW		Screened Interval (ft.): 37 to 42	Total Well Depth (TWD) (ft.): 42.10
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 20.10		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 22	1 casing volume (CV = LWC x C) (gals.): 3.52		3 casing volumes (3 x CV) (gals.): 10.56

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.75	4.25					
Time (military)	0844	0854	0901					
PH (s.u.)	7.14	6.08	5.70					
Specific Conductivity (µS/cm)	56	34	23					
Water Temperature (°C)	17.74	18.77	17.83					
Turbidity (NTU)	166	356	1000+					
Dissolved Oxygen (mg/L)	4.31	2.89	NM					

Sampling Data

Sampled By: Karlen Schmidt PGM16	Sampling Time: 0901	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol, dry @ 4.25

Signature: Karlen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 37 to 42	Total Well Depth (TWD) (ft.): 41.92
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 21.69		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 20.23	1 casing volume (CV = LWC x C) (gals.): 3.24		3 casing volumes (3 x CV) (gals.): 9.72

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.50	6.75	7.00				
Time (military)	0938	0948	0955	0958				
PH (s.u.)	5.43	5.35	5.33	5.33				
Specific Conductivity (µS/cm)	65	64	67	66				
Water Temperature (°C)	19.02	19.07	18.90	18.77				
Turbidity (NTU)	19.4	396	1000+	1000+				
Dissolved Oxygen (mg/L)	3.77	1.~~55~~	2.23	3.27				

Sampling Data

Sampled By: Karen Schmidt Pamela	Sampling Time: 0958	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 7.00 gal

Signature: Karen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlan Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 37 to 42		Total Well Depth (TWD) (ft.): 42.02
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 27.60		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 14.42	1 casing volume (CV = LWC x C) (gals.): 2.31		3 casing volumes (3 x CV) (gals.): 6.93

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.75	3.50					
Time (military)	1037	1045	1050					
PH (s.u.)	5.25	5.16	5.03					
Specific Conductivity (µS/cm)	30	39	46					
Water Temperature (°C)	19.25	18.95	18.66					
Turbidity (NTU)	53.0	403	1000+					
Dissolved Oxygen (mg/L)	3.92	3.97						

Sampling Data

Sampled By: Karlan Schmidt Pamela	Sampling Time: 1050	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 3.50

Signature: Karlan Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 34.71
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 16.53		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 18.18	1 casing volume (CV = LWC x C) (gals.): 2.91		3 casing volumes (3 x CV) (gals.): 8.73

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.25	4.00					
Time (military)	1545	1550	1601					
PH (s.u.)	6.15	6.10	6.16					
Specific Conductivity (µS/cm)	246	259	283					
Water Temperature (°C)	20.69	19.20	18.66					
Turbidity (NTU)	77.7	276	+1000					
Dissolved Oxygen (mg/L)	1.03	1.46	1.40					

Sampling Data

Sampled By: Karlen Schmidt (PC MF)	Sampling Time: 1601	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 4.00

Signature: (KS)

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hafler	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100634	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW-7	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 25 to 30	Total Well Depth (TWD) (ft.): 33.74
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 15.15		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 18.59	1 casing volume (CV = LWC x C) (gals.): 2.97		3 casing volumes (3 x CV) (gals.): 8.91

Purging Data

	Initial	1st Vol. 3.25	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25 1616	~~7.25~~ 1616	6.25	7.50				
Time (military)	~~1534~~ ↓	1516 1630	1648	1702				
PH (s.u.)	~~7.45~~ 6.28	5.88	5.68	5.55				
Specific Conductivity (µS/cm)	~~66~~ 156	161	163	164				
Water Temperature (°C)	~~17.74~~ 17.23	17.66	18.26	18.96				
Turbidity (NTU)	~~39.5~~ 159	20.1	235	1000+				
Dissolved Oxygen (mg/L)	6.12	5.76	5.68	6.50				

Sampling Data

Sampled By: Karlen Schmidt Pamela Mefford	Sampling Time: 1702	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 7.50 gal

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Kaitlin Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW-8	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 25 to 30		Total Well Depth (TWD) (ft.): 30.12
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 15.25		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 14.87	1 casing volume (CV = LWC x C) (gals.): 2.38		3 casing volumes (3 x CV) (gals.): 7.14

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.25						
Time (military)	1723	1735						
PH (s.u.)	5.55	5.29						
Specific Conductivity (µS/cm)	82	75						
Water Temperature (°C)	17.47	18.27						
Turbidity (NTU)	10.4	468						
Dissolved Oxygen (mg/L)	7.19	6.72						

Sampling Data

Sampled By: Kaitlin Schmidt, Pamela	Sampling Time: 1775	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 2.25

Signature: Kaitlin Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW-9	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 25 to 30		Total Well Depth (TWD) (ft.): 32.96
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 19.61		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 13.35	1 casing volume (CV = LWC x C) (gals.): 2.14		3 casing volumes (3 x CV) (gals.): 6.42

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.25	2.50					
Time (military)	1906	1927	1927					
PH (s.u.)	5.30	5.04	5.55					
Specific Conductivity (µS/cm)	38	38	39					
Water Temperature (°C)	17.44	17.75	17.12					
Turbidity (NTU)	361	393	758					
Dissolved Oxygen (mg/L)	7.94	7.70	7.64					

Sampling Data

Sampled By: Karlen Schmidt Pamela Mefford	Sampling Time: 1927	Duplicate: Y or N	If yes, Duplicate Time:

Notes: limited vol dry @ 2.50

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

YSI 556 MPS

Well Information

Well ID: MW10	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 35.37
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 17.43		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 17.94	1 casing volume (CV = LWC x C) (gals.): 2.87		3 casing volumes (3 x CV) (gals.): 8.61

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.25	4.75					
Time (military)	1548	1554	1558					
PH (s.u.)	6.14	6.35	6.40					
Specific Conductivity (µS/cm)	680	624	625					
Water Temperature (°C)	19.56	19.65	20.09					
Turbidity (NTU)	198	202	1000+					
Dissolved Oxygen (mg/L)	0.90	1.48	1.57					

Sampling Data

Sampled By: Karlen Schmidt Pamela	Sampling Time: 1558	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Limited vol dry @ 4.75

Signature: Karlen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlin Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 11	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 34.83
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 18.94		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 15.91	1 casing volume (CV = LWC x C) (gals.): 2.54		3 casing volumes (3 x CV) (gals.): 7.63

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.00	4.50					
Time (military)	1439	1440	1441					
PH (s.u.)	6.39	6.30	6.71					
Specific Conductivity (µS/cm)	147	121	146					
Water Temperature (°C)	22.05	22.39	20.61					
Turbidity (NTU)	87.3	43.7	>1000					
Dissolved Oxygen (mg/L)	1.15	3.10	2.58					

Sampling Data

Sampled By: Karlin Schmidt, Pamela Mefford	Sampling Time: 1441	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 4.50

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlon Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW12	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 35.91
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 21.02		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 14.39	1 casing volume (CV = LWC x C) (gals.): 2.30		3 casing volumes (3 x CV) (gals.): 6.90

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.75	3.50					
Time (military)	~~1355~~ 1356	1408	1412					
PH (s.u.)	~~6.20~~ 5.38	5.31	5.25					
Specific Conductivity (µS/cm)	~~153~~ 89	81	80					
Water Temperature (°C)	~~20.89~~ 20.97	21.01	21.00					
Turbidity (NTU)	222	94.5	358					
Dissolved Oxygen (mg/L)	M 0.95	1.20	1.29					

Sampling Data

Sampled By: Karlon Schmidt, Pamela Mefford	Sampling Time: 1412	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 3.50

Signature: ___

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/1/14	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Kaelan Schmidt, Pamela Metford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100634	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100634	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW-13	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 30 to 35	Total Well Depth (TWD) (ft.): 35.23
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 19.79		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 15.44	1 casing volume (CV = LWC x C) (gals.): 2.47		3 casing volumes (3 x CV) (gals.): 7.41

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	~~2.75~~	~~5.25~~	~~7.75~~				
Time (military)	~~1254~~ 1300	~~1254~~ 1310	1320	1324				
PH (s.u.)	~~5.88~~ 5.75	~~5.52~~	5.60	5.69				
Specific Conductivity (µS/cm)	~~177~~ 167	~~117~~	169	169				
Water Temperature (°C)	~~20.13~~ 20.90	21.51	22.13	21.17				
Turbidity (NTU)	~~272~~ 46.9	30.1	63.0	58.9				
Dissolved Oxygen (mg/L)	~~3.60~~ 1.12	1.17	1.25	1.33				

Sampling Data

Sampled By: Kaelan Schmidt, Pamela Metford	Sampling Time: 1324	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 14	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 30 to 35	Total Well Depth (TWD) (ft.): 35.02
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 22.13		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 12.89	1 casing volume (CV = LWC x C) (gals.): 2.06		3 casing volumes (3 x CV) (gals.): 6.18

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.50	3.50					
Time (military)	1709	1718	1723					
PH (s.u.)	5.23	4.94	6.08					
Specific Conductivity (µS/cm)	70	63	78					
Water Temperature (°C)	18.48	18.36	19.46					
Turbidity (NTU)	78.6	120	>1000					
Dissolved Oxygen (mg/L)	0.92	1.16	3.04					

Sampling Data

Sampled By: Karlen Schmidt Pamela Melford	Sampling Time: 1723	Duplicate (Y) or N	If yes, Duplicate Time:

Notes: LIMITED VOL. DRY @ 3.50

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Kaelan Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hafler	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 15	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 15 to 25		Total Well Depth (TWD) (ft.): 24.55
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 17.95		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 6.60	1 casing volume (CV = LWC x C) (gals.): 1.06		3 casing volumes (3 x CV) (gals.): 3.18

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.25	1.75					
Time (military)	1503	1506	1508					
PH (s.u.)	5.64	5.03	4.79					
Specific Conductivity (µS/cm)	86	79	76					
Water Temperature (°C)	20.78	20.43	20.58					
Turbidity (NTU)	17.0	480	1000+					
Dissolved Oxygen (mg/L)	3.86	4.03	3.81					

Sampling Data

Sampled By: Kaelan Schmidt Pamela	Sampling Time: 1508	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Limited vol dry @ 1.75

Signature: Kaelan Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karen Schmidt, Pamela Metford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

YSI 556 MPS

Well Information

Well ID: MW-16	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 15 to 25	Total Well Depth (TWD) (ft.): 25.29
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 12.31		Free Product Thickness (ft.): ___
Length of water column (LWC = TWD – DGW) (ft.): 12.98	1 casing volume (CV = LWC x C) (gals.): 2.08		3 casing volumes (3 x CV) (gals.): 6.24

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.50	4.75	5.50				
Time (military)	1727	1734	1751	1806				
PH (s.u.)	5.26	5.34	5.15	5.34				
Specific Conductivity (µS/cm)	144	137	146	143				
Water Temperature (°C)	17.35	17.20	17.38	17.59				
Turbidity (NTU)	32.5	167	441	137				
Dissolved Oxygen (mg/L)	6.73	6.37	6.36	6.52				

Sampling Data

Sampled By: Karen Schmidt, Pamela Metford	Sampling Time: 1806	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: DRY AT 5.50

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Metford
County: Chesterfield	Project Manager: Quincy Hafter	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW17	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 15 to 25	Total Well Depth (TWD) (ft.): 25.48
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 11.33		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 14.15	1 casing volume (CV = LWC x C) (gals.): 2.26		3 casing volumes (3 x CV) (gals.): 6.78

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.25	4.00					
Time (military)	1824	1833	1849					
PH (s.u.)	5.45	5.42	5.43					
Specific Conductivity (µS/cm)	58.00	66	30					
Water Temperature (°C)	17.31	17.61	17.68					
Turbidity (NTU)	248	308	361					
Dissolved Oxygen (mg/L)	7.15	7.37	NM					

Sampling Data

Sampled By: Karlen Schmidt Pamela Metford	Sampling Time: 1849	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol, dry @ 4.00 gal

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW-18	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 14 to 24		Total Well Depth (TWD) (ft.): 24.39
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 16.89		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 7.5	1 casing volume (CV = LWC x C) (gals.): 1.20		3 casing volumes (3 x CV) (gals.): 3.60

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.25						
Time (military)	1943	1944						
PH (s.u.)	5.22	5.27						
Specific Conductivity (µS/cm)	41	37						
Water Temperature (°C)	17.35	17.39						
Turbidity (NTU)	70.3	~~190~~ 177						
Dissolved Oxygen (mg/L)	6.98	7.04						

Sampling Data

Sampled By: Karlen Schmidt Pamela Mefford	Sampling Time: 1945	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 1.25

Signature: Karen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hafter	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 19	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.71
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 22.56		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 7.15	1 casing volume (CV = LWC x C) (gals.): 1.14		3 casing volumes (3 x CV) (gals.): 3.42

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.50	1.75					
Time (military)	1613	1614	1615					
PH (s.u.)	5.97	5.80	5.58					
Specific Conductivity (µS/cm)	426	416	453					
Water Temperature (°C)	18.55	17.89	17.66					
Turbidity (NTU)	43.1	306	297					
Dissolved Oxygen (mg/L)	4.09	4.98	4.66					

Sampling Data

Sampled By: ~~Karen Schmidt~~ Pamela	Sampling Time: 1615	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: Karen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/16/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hafler	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 20	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30		Total Well Depth (TWD) (ft.): 30.07
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 19.16		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 10.91	1 casing volume (CV = LWC x C) (gals.): 1.75		3 casing volumes (3 x CV) (gals.): 5.25

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.00	3.75					
Time (military)	1426	1429	1435					
PH (s.u.)	5.75	6.41	6.82					
Specific Conductivity (µS/cm)	274	268	243					
Water Temperature (°C)	20.35	20.29	20.46					
Turbidity (NTU)	101	964	1000+					
Dissolved Oxygen (mg/L)	2.96	3.70	NM					

Sampling Data

Sampled By: Karlen Schmidt Pamela	Sampling Time: 1435	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 3.75

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

YSI 556MPS

Well Information

Well ID: MW 21	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 30		Total Well Depth (TWD) (ft.): 29.94
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 21.00		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 8.94	1 casing volume (CV = LWC x C) (gals.): 1.43		3 casing volumes (3 x CV) (gals.): 4.29

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.75	3.00					
Time (military)	1356	1400	1403					
PH (s.u.)	6.20	5.70	5.56					
Specific Conductivity (µS/cm)	153	148	135					
Water Temperature (°C)	26.84	20.77	20.26					
Turbidity (NTU)	97.9	609	1000+					
Dissolved Oxygen (mg/L)	4.07	4.09	NM					

Sampling Data

Sampled By: Karlen Schmidt Pamela	Sampling Time: 1403	Duplicate: Y or N	If yes, Duplicate Time: 0937

Notes: 12 mi/tab vol dry @ 3.00

Signature:

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW-22	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.64
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 19.71		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 9.93	1 casing volume (CV = LWC x C) (gals.): 1.59		3 casing volumes (3 x CV) (gals.): 4.77

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.00	3.50					
Time (military)	1254	1259	1305					
PH (s.u.)	5.88	5.69	5.61					
Specific Conductivity (µS/cm)	177	167	80					
Water Temperature (°C)	20.13	20.13	19.38					
Turbidity (NTU)	272	414	1000+					
Dissolved Oxygen (mg/L)	3.60	3.99	NM					

Sampling Data

Sampled By: Karlen Schmidt Pamela	Sampling Time: 1305	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 3.50

Signature: Karlen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlon Schmidt, Pamela
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100678	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100634	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW23	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 30.02
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 21.71		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 8.31	1 casing volume (CV = LWC x C) (gals.): 1.33		3 casing volumes (3 x CV) (gals.): 3.99

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.75	3.00					
Time (military)	1635	1640	1645					
PH (s.u.)	5.81	5.87	5.77					
Specific Conductivity (µS/cm)	242	253	275					
Water Temperature (°C)	19.92	19.35	18.90					
Turbidity (NTU)	98.4	94.8	464					
Dissolved Oxygen (mg/L)	2.24	2.80	256					

Sampling Data

Sampled By: Karlon Schmidt Pamela Hoffard	Sampling Time: 16:45	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: LIMITED VOLUME @ 3

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlan Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hafler	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW24	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 12 to 37	Total Well Depth (TWD) (ft.): 37.67
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 23.49		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 14.18	1 casing volume (CV = LWC x C) (gals.): 2.27		3 casing volumes (3 x CV) (gals.): 6.81

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.75	5.25	7.75				
Time (military)	1121	1129	1135	1144				
PH (s.u.)	5.17	5.50	5.64	5.84				
Specific Conductivity (µS/cm)	98	124	155	188				
Water Temperature (°C)	19.77	19.67	19.63	18.90				
Turbidity (NTU)	220	1000+	1000+	1000+				
Dissolved Oxygen (mg/L)	1.62	1.86	1.64	1.76				

Sampling Data

Sampled By: Karlan Schmidt Pamela	Sampling Time: 1144	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/9/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100636	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100636	Y or N			
LaMotte (Turbidity) Hach 2100Q	160306048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 25	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 12 to 37	Total Well Depth (TWD) (ft.): 37.61
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 20.08		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 17.53	1 casing volume (CV = LWC x C) (gals.): 2.80		3 casing volumes (3 x CV) (gals.): 8.40

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.25	6.25	9.25				
Time (military)	0919	0920	0921	0922				
PH (s.u.)	5.15	5.32	5.45	5.43				
Specific Conductivity (µS/cm)	34	40	42	40				
Water Temperature (°C)	15.62	16.25	17.50	18.04				
Turbidity (NTU)	34.3	154	180	+1000				
Dissolved Oxygen (mg/L)	5.07	5.46	5.22	3.09				

Sampling Data

Sampled By: Karlen Schmidt Pamela Mefford	Sampling Time: 0922	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: ___

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 556 MPS

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Kaelan Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100636	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100634	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW26	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 12 to 37	Total Well Depth (TWD) (ft.): 37.44
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 21.61		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 15.83	1 casing volume (CV = LWC x C) (gals.): 2.53		3 casing volumes (3 x CV) (gals.): 7.59

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.75	5.25	7.75				
Time (military)	0959	1000	1001	1002				
PH (s.u.)	5.47	5.26	5.09	5.11				
Specific Conductivity (µS/cm)	36	44	41	42				
Water Temperature (°C)	17.12	17.38	18.22	18.07				
Turbidity (NTU)	120	399	1000+	1000+				
Dissolved Oxygen (mg/L)	4.00	4.37	3.96	3.70				

Sampling Data

Sampled By: Kaelan Schmidt Pamela Mefford	Sampling Time: 1002	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

___

___ Signature: ___

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 27	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 12 to 37	Total Well Depth (TWD) (ft.): 37.83
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 28.12		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 9.71	1 casing volume (CV = LWC x C) (gals.): 1.55		3 casing volumes (3 x CV) (gals.): 4.65

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.75	3.50					
Time (military)	1100	1104	1108					
PH (s.u.)	5.10	5.33	5.19					
Specific Conductivity (µS/cm)	54	59	42					
Water Temperature (°C)	19.37	18.63	18.55					
Turbidity (NTU)	203	1000+	1000+					
Dissolved Oxygen (mg/L)	4.81	5.09	5.97					

Sampling Data

Sampled By: Karlen Schmidt Pamela	Sampling Time: 1108	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 3.50

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hafler	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100636	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100634	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: TW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 59.24
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 15.51		Free Product Thickness (ft.): —
Length of water column (LWC = TWD – DGW) (ft.): 43.73	1 casing volume (CV = LWC x C) (gals.): 7.00		3 casing volumes (3 x CV) (gals.): 21.00

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.25	8.75					
Time (military)	1534	1557	1606					
PH (s.u.)	4.45	7.53	6.55					
Specific Conductivity (µS/cm)	66	60	62					
Water Temperature (°C)	17.74	17.64	17.81					
Turbidity (NTU)	39.5	346	1000+					
Dissolved Oxygen (mg/L)	5.54	3.74	3.64					

Sampling Data

Sampled By: Karlen Schmidt Pamela	Sampling Time: 1606	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Limited vol dry @ 8.75 gal

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hafler	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: — TW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 51 to 56	Total Well Depth (TWD) (ft.): 56.64
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 16.34		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 40.30	1 casing volume (CV = LWC x C) (gals.): 6.49		3 casing volumes (3 x CV) (gals.): 19.47

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	6.75	13.25	19.75				
Time (military)	1756	1813	1829	1845				
PH (s.u.)	5.52	5.53	5.31	5.36				
Specific Conductivity (µS/cm)	49	44	44	45				
Water Temperature (°C)	17.69	18.09	17.74	17.80				
Turbidity (NTU)	137	248	308	556				
Dissolved Oxygen (mg/L)	6.34	5.46	6.29	6.30				

Sampling Data

Sampled By: Karlen Schmidt Pamela	Sampling Time: 1845	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: Karlen Schmidt

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100636	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100636	Y or N			
LaMotte (Turbidity) Hach 2100Q	160306048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: TW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 56.38
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 19.48		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 36.90	1 casing volume (CV = LWC x C) (gals.): 5.90		3 casing volumes (3 x CV) (gals.): 17.70

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	6.00						
Time (military)	1914	1929						
PH (s.u.)	5.10	5.38						
Specific Conductivity (µS/cm)	176	175						
Water Temperature (°C)	16.75	17.22						
Turbidity (NTU)	206	1000+						
Dissolved Oxygen (mg/L)	5.25	4.87						

Sampling Data

Sampled By: Karen Schmidt Pamela Mefford	Sampling Time: 1929	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: limited vol dry @ 6.00 gal

Signature: Karen Schmidt

DHEC 0423 (10/2012)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlon Schmidt, Pamela
County: Chesterfield	Project Manager: Quincy Hafter	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	160300048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW-4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 56 to 61	Total Well Depth (TWD) (ft.): 60.30
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 22.10		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 38.20	1 casing volume (CV = LWC x C) (gals.): 6.11		3 casing volumes (3 x CV) (gals.): 18.33

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	6.75	13.25	19.75				
Time (military)	1641	1715	1716	1717				
PH (s.u.)	5.63	5.94	5.97	5.65				
Specific Conductivity (µS/cm)	310	360	358	325				
Water Temperature (°C)	21.30	19.79	20.01	18.15				
Turbidity (NTU)	102	~~120~~ 248	331	499				
Dissolved Oxygen (mg/L)	~~2.19~~ 2.19	2.58	2.89	1.47				

Sampling Data

Sampled By: Karlon Schmidt Pamela	Sampling Time: 1717	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556 MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100636	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100634	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW-5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 56 to 61	Total Well Depth (TWD) (ft.): 57.09
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 19.72		Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 37.37	1 casing volume (CV = LWC x C) (gals.): 5.98		3 casing volumes (3 x CV) (gals.): 17.94

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	6.75	7.00					
Time (military)	1321	1335	1340					
PH (s.u.)	5.98	6.01	6.27					
Specific Conductivity (µS/cm)	319	323	272					
Water Temperature (°C)	19.69	20.82	19.86					
Turbidity (NTU)	61.0	704	575					
Dissolved Oxygen (mg/L)	3.33	1.44	1.50					

Sampling Data

Sampled By: Karlen Schmidt Pamela	Sampling Time: 1340	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Limited vol dry @ 7.00

Signature: Karlen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

YSI 55 6MPS

Site Information

Date: 4/11/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Kaelan Schmidt, Pamela Mefford
County: Chesterfield	Project Manager: Quincy Hoffer	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: TW 6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 63 to 68	Total Well Depth (TWD) (ft.): 66.66
Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.): 28.46	Free Product Thickness (ft.):
Length of water column (LWC = TWD – DGW) (ft.): 38.20		1 casing volume (CV = LWC x C) (gals.): 6.11	3 casing volumes (3 x CV) (gals.): 18.33

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.50	7.00	13.50	20.00				
Time (military)	1146	1147	1148	1149				
PH (s.u.)	6.02	6.16	6.04	5.90				
Specific Conductivity (µS/cm)	56	45	39	39				
Water Temperature (°C)	2009	18.98	19.12	18.63				
Turbidity (NTU)	143	90.7	101	103				
Dissolved Oxygen (mg/L)	2.51	3.03	3.13	2.94				

Sampling Data

Sampled By: Kaelan Schmidt Pamela Mefford	Sampling Time: 1149	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ___

Signature: ___

D H E C

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 4/10/18	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Karlen Schmidt, Pamela
County: Chesterfield	Project Manager: Quincy Hafler	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

YSI 556MPS

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	11B100638	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen)	11B100638	Y or N			
LaMotte (Turbidity) Hach 2100Q	16030C048860	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: PW-3	Well Diameter (ft.): 4" N/A	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer X Pump
X MW ___ IW ___ RW ___ Other ___ X Private WSW ___ Public WSW	Screened Interval (ft.): to NA		Total Well Depth (TWD) (ft.): NA
Depth to Free Product (DFP) (ft.): NM	Depth to Groundwater (DGW) (ft.): NM		Free Product Thickness (ft.): NM
Length of water column (LWC = TWD – DGW) (ft.): NM	1 casing volume (CV = LWC x C) (gals.):		3 casing volumes (3 x CV) (gals.):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25 5							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Karlen Schmidt Pamela Mefford	Sampling Time: 1014	Duplicate: Y or N	If yes, Duplicate Time: 1020

Notes: Sampled by well house

Signature: Karlen Schmidt

DHEC 0423 (10/2012)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

APPENDIX E

Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.: W-18293

2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address: CAROLINA COUNTRY CONVENIENCE
1908 HWY 601 N.
PAGELAND, SC

4. Generator's Phone ( )

5. Transporter 1 Company Name: HERR

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone: 910-640-2607

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: HERR, INC.
303 S. Madison St.
Whiteville NC

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: 910-

11. WASTE DESCRIPTION	Containers No.	Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Petroleum Contaminated Soil		DR	6	T
b. Non-Reg. Petroleum Contact Water		DR	209	GAL
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: W. Scott Hall — Signature — Date: Month 5 Day 18 Year 18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month 5 Day 18 Year 18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: TRAN Coy — Signature — Date: Month 5 Day 18 Year 18

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APPENDIX F

Contractor Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?	X		
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	X		
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?			X
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?	X		
12	Has the primary soil type been described?	X		
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?	X		
17	Has the method of well development been detailed?	X		
18	Has justification been provided for the locations of the monitoring wells?	X		
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	X		
20	Has the groundwater sampling methodology been detailed?	X		
21	Have the groundwater sampling dates and groundwater measurements been provided?	X		
22	Has the purging methodology been detailed?	X		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	X		
24	If free-product is present, has the thickness been provided?			X
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	X		
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	X		
40	Has the site potentiometric map been provided? (Figure 5)	X		
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	X		
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)	X		
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)	X		
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information.

dhec
Healthy People. Healthy Communities.

MAY 3 1 2018

MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

Re: **Site-Specific Work Plan Directive**
Carolina Country Convenience, 1908 Hwy 601 N., Pageland, SC
UST Permit #02261
Release #2 reported October 11, 2012
Assessment Report received May 21, 2018
Chesterfield County

Dear Mr. Wallace:

On behalf of the Department of Health and Environmental Control (DHEC), the Underground Storage Tank (UST) Management Division has reviewed the referenced report.

To evaluate the current site conditions, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations, please have your contractor develop a Site-Specific Work Plan for installation of four shallow/intermediate well pairs. The approximate locations of the well pairs are depicted on the enclosed site map. The work should be conducted in accordance with the contractor's Annual Contractor Quality Assurance Plan (ACQAP) and must be conducted in compliance with all applicable regulations. A copy of Quality Assurance Program Plan (QAPP) Revision 3.1 for the UST Division is available at http://www.scdhec.gov/environment/docs/DHEC%20UST%20QAPP_Rev-3.1(2).pdf.

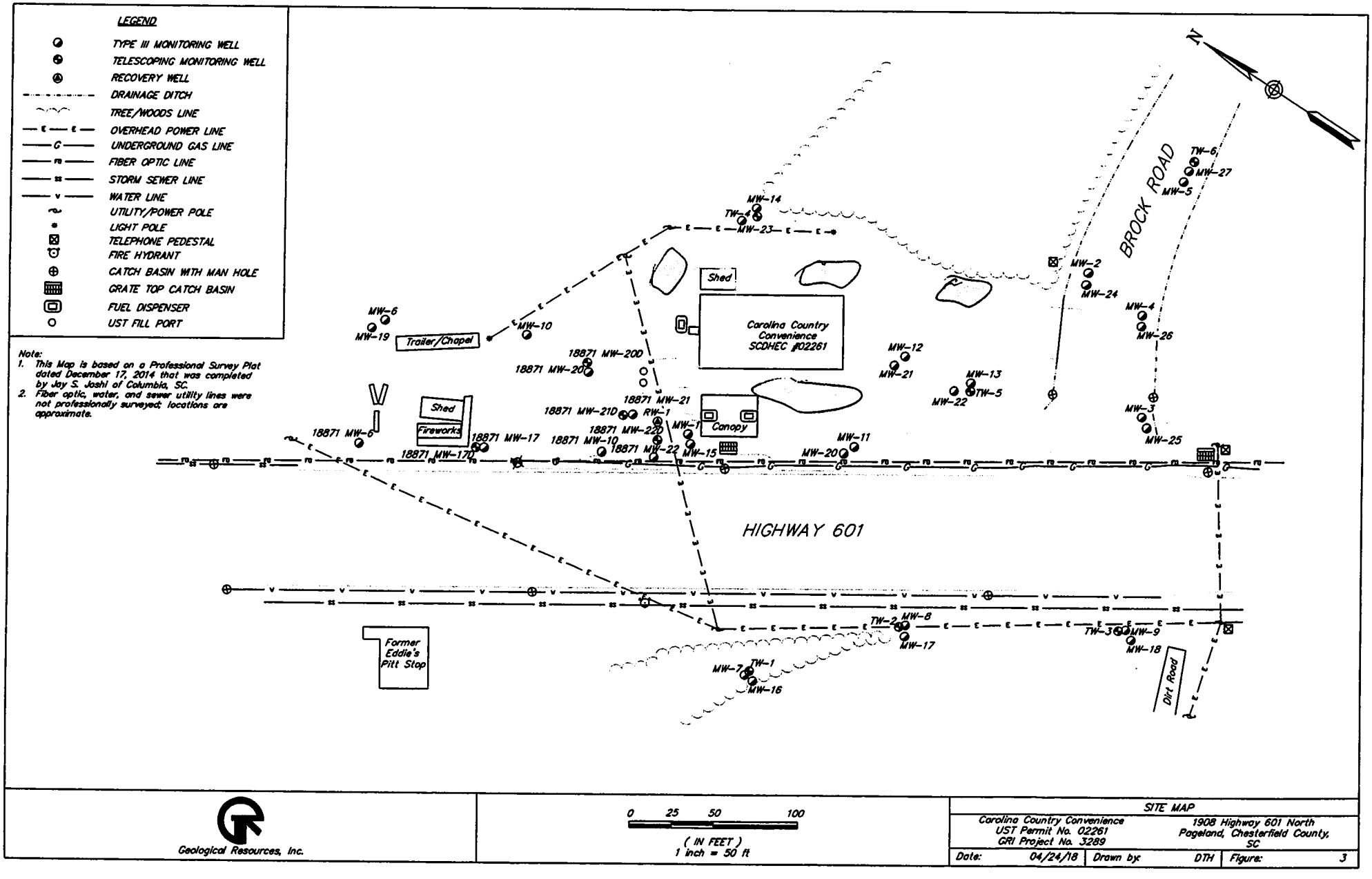
Please have your contractor submit the Site Specific Work Plan and Cost Proposal within thirty days of the date of this letter. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that technical and financial pre-approval from DHEC must be issued before work begins.**

On all correspondence concerning this site, please reference UST Permit #02261. If you have any questions, please contact me at (803) 898-0608 or by e-mail at minerrs@dhec.sc.gov.

Sincerely,

Read S. Miner, P.G., Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Technical File
Geological Resources, Inc., 3502 Hayes Rd., Monroe, NC 28110



Geological Resources, Inc.

SITE MAP

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	04/24/18	Drawn by:	DTH	Figure:	3

Geological Resources, Inc.

UST
JUN 29 2018
DIVISION

June 27, 2018

Mr. Read Miner, P.G.
South Carolina Department of Health
And Environmental Control
Underground Storage Tank Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

UST
37
DOCKETING

Re: GRI Proposal No. 18-377
Site Specific Work Plan
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
UST Permit No. 02261
GRI Project No. 3289

Dear Mr. Miner:

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

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

Sincerely,

W. Scott Ball

W. Scott Ball
Senior Project Manager

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

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

Facility Name: Carolina Country Convenience UST Permit #: 02261
Facility Address: 1908 Highway 601 N, Pageland, Chesterfield County, SC
Responsible Party: Mike Wallace, Carolina Country, LLC Phone: (843) 833-0783
RP Address: 1908 Highway 601 N, Pageland, Chesterfield County, SC
Property Owner (if different): Wilson, Inc.
Property Owner Address: PO Box 1839, Lancaster, South Carolina 29721
Current Use of Property: Commercial - Used Car Sales

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JUN 29 2018
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Scope of Work (Please check all that apply)

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

Analyses (Please check all that apply)

Groundwater/Surface Water:

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

Drinking Water Supply Wells:

- ☐ BTEXNMDCA (524.2)
- ☐ Oxygenates & Ethanol (8260B)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☐ EDB (504.1)

Soil:

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

Air:

- ☐ BTEXN

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

_____ Soil _____ Water Supply Wells _____ Air _____ Field Blank
_____ Monitoring Wells _____ Surface Water _____ Duplicate _____ Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: NA Estimated Footage: _____ feet per point
# of deep points proposed: _____ Estimated Footage: _____ feet per point
Field Screening Methodology: _____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: 8 Estimated Footage: (4) 30' and (4) 35' feet per point
# of deep wells: _____ Estimated Footage: _____ feet per point
# of recovery wells: 2 Estimated Footage: _____ feet per point
Comments, if warranted: Install four shallow/intermediate monitoring well nests in the locations depicted on the site map.
Each shallow well will be installed to a total depth of 30 feet and completed with a 15' screen section.
Each intermediate well will be installed to a total depth of 40 feet and completed with a 5' screen section.

UST Permit #: 02261 Facility Name: Carolina Country Convenience

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 30 days from approval Field Work Completion: 33 days from approval
Report Submittal: 45 days from approval # of Copies Provided to Property Owners: _____

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

Investigation Derived Waste Disposal
Soil: 5 Tons Purge Water: 220 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
All newly installed monitoring wells will be developed after installation activities are completed. Top-of-casing elevations for the new wells will be surveyed.

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

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

NA Other variations from ACQAP. Please describe below.

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

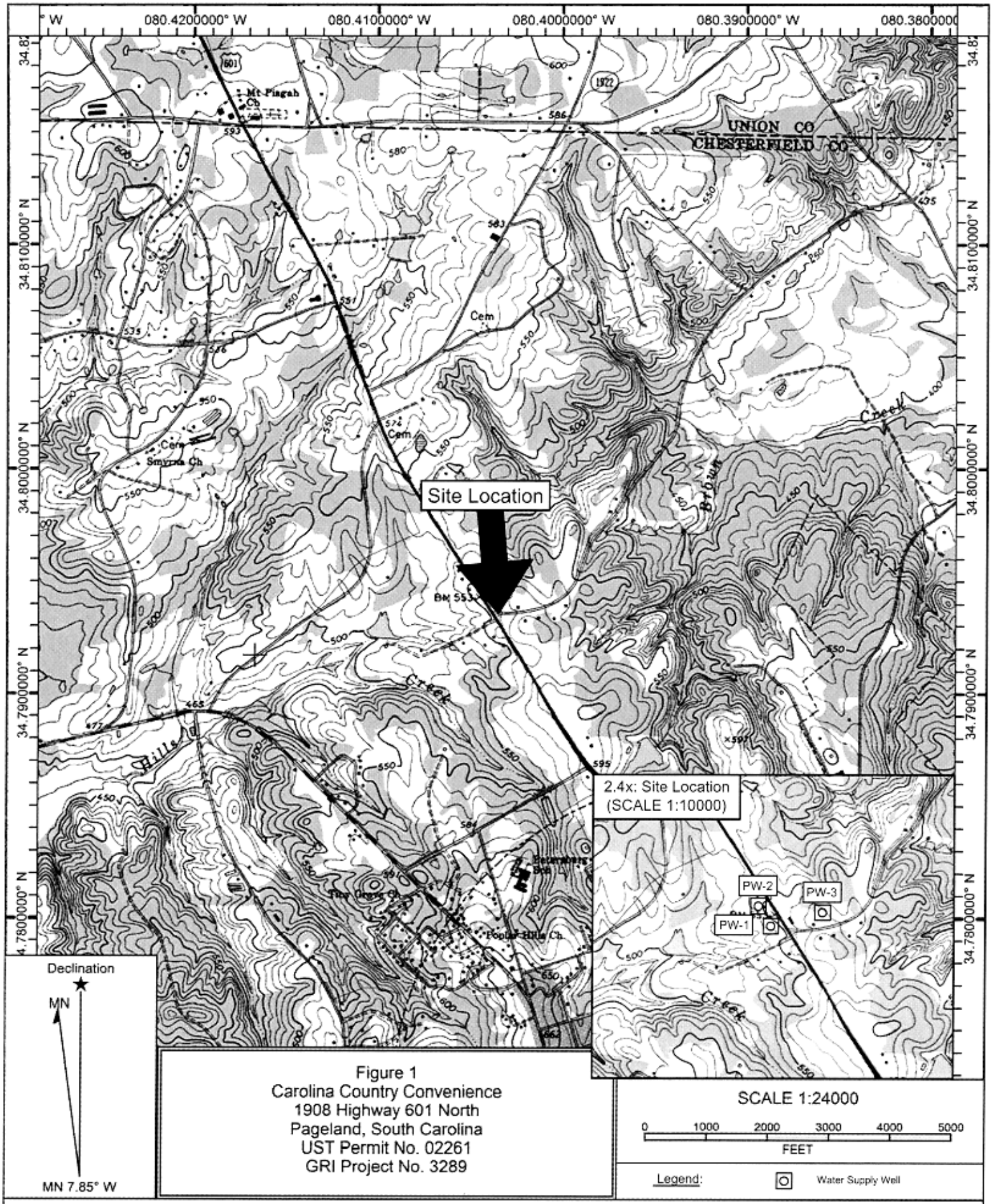

Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

Name: Topographic Map
Date: 04/19/16
Scale: 1 inch = 2,000 ft.

Map Center Location: 034.7940878° N 080.4035483° W

Generated by Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

Note:
1. This Map is based on a Professional Survey Plat dated December 17, 2014 that was completed by Jay S. Joshi of Columbia, SC.
2. Fiber optic, water, and sewer utility lines were not professionally surveyed; locations are approximate.

PROPOSED SHALLOW & INTERMEDIATE WELL NESTS

N

BROCK ROAD

HIGHWAY 601

Carolina Country Convenience SCDHEC #02261

Shed

Canopy

Shed

Fireworks

Trailer/Chapel

Former Eddie's Pitt Stop

Dirt Road

MW-14, TW-4, MW-23, MW-10, MW-6, MW-19, 18871 MW-200, 18871 MW-20, 18871 MW-21, 18871 MW-21D, RW-1, MW-1, 18871 MW-22D, 18871 MW-22, MW-15, 18871 MW-6, 18871 MW-17, 18871 MW-10, 18871 MW-17D, MW-11, MW-20, MW-12, MW-21, MW-13, MW-22, TW-5, MW-2, MW-24, MW-4, MW-26, MW-3, MW-25, TW-6, MW-27, MW-5, TW-2, MW-8, MW-17, TW-3, MW-9, MW-18, MW-7, TW-1, MW-16

0 25 50 100

(IN FEET)
1 inch = 50 ft

Geological Resources, Inc.

SITE MAP

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	04/24/18	Drawn by:	DTH	Figure:	3

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ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
June 15, 2017

Facility Name: Carolina Country Convenience

GRI Proposal No 18-377

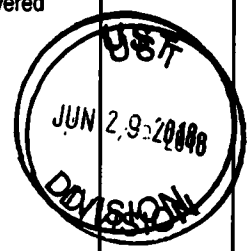
UST Permit #: 02261 **Cost Agreement #:** _____

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1. **Plan Preparation**				
A1. Site-specific Work Plan	1	each	$150.00	$150.00
B1. Tax Map		each	$70.00	$0.00
C1. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00	$0.00
2. A1. **Receptor Survey ***		each	$551.00	$0.00
3. **Survey (500 ft x 500 ft)**				
A1. Comprehensive Survey		each	$1,040.00	$0.00
B. Subsurface Geophysical Survey				
1B. < 10 meters below grade		each	$1,300.00	$0.00
2B. > 10 meters below grade		each	$2,310.00	$0.00
C1. Geophysical UST or Drum Survey		each	$910.00	$0.00
4. **Mob/Demob**				
A1. Equipment	1	each	$1,020.00	$1,020.00
B1. Personnel	2	each	$423.00	$846.00
C1. Adverse Terrain Vehicle		each	$500.00	$0.00
5. A1. **Soil Borings (hand auger)***		foot	$5.00	$0.00
6. **Soil Borings (requiring equipment, push technology, etc)* or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***				
AA. Standard		per foot	$15.00	$0.00
C1. Fractured Rock		per foot	$20.20	$0.00
7. A1. **Soil Leachability Model**		each	$60.00	$0.00
8. **Abandonment (per foot)***				
A1. 2" diameter or less		per foot	$3.10	$0.00
B1. Greater than 2" to 6" diameter		per foot	$4.50	$0.00
C1. Dug/Bored well (up to 6 feet diameter)		per foot	$15.00	$0.00
9. **Well Installation (per foot)***				
A1. Water Table (hand augered)		per foot	$10.60	$0.00
B1. Water Table (drill rig)	280	per foot	$38.00	$10,640.00
CC. Telescoping		per foot	$50.00	$0.00
DD. Rock Drilling		per foot	$58.00	$0.00
E1. 2" Rock Coring		per foot	$30.90	$0.00
G1. Rock Multi-sampling ports/screens		per foot	$33.40	$0.00
HH. Recovery Well (4" diameter)		per foot	$45.00	$0.00
II. Pushed Pre-packed screen (1.25" dia)		per foot	$15.00	$0.00
J1. Rotosonic (2" diameter)		per foot	$44.00	$0.00
K. Re-develop Existing Well		per foot	$11.00	$0.00
10. **Groundwater Sample Collection / Gauge Depth to Water or Product ***				
A1. Groundwater Purge		per well/receptor	$60.00	$0.00
B1. Air or Vapors		per receptor	$12.00	$0.00
C1. Water Supply		per well/receptor	$22.00	$0.00
D1. Groundwater No Purge or Duplicate		per well/receptor	$28.00	$0.00
E1. Gauge Well only		per well	$7.00	$0.00
F1. Sample Below Product		per well	$12.00	$0.00
G1. Passive Diffusion Bag		each	$26.00	$0.00
H1. Field Blank		each	$24.60	$0.00

UST
JUN 29 2018
DIVISION

I. Groundwater (low flow purge)		per well/receptor	$91.00		$0.00
11. Laboratory Analyses-Groundwater					
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)		per sample	$122.00		$0.00
AA1. Lead, Filtered		per sample	$13.80		$0.00
B2. Rush EPA Method 8260B (All of item A.)		per sample	$153.60		$0.00
C2. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$36.40		$0.00
D1. PAH's		per sample	$60.60		$0.00
E1. Lead		per sample	$16.00		$0.00
F1. EDB by EPA 8011		per sample	$45.20		$0.00
FF1. EDB by EPA Method 8011 Rush		per sample	$68.20		$0.00
G1. 8 RCRA Metals		per sample	$63.40		$0.00
H1. TPH (9070)		per sample	$41.00		$0.00
II. pH		per sample	$5.20		$0.00
J1. BOD		per sample	$20.00		$0.00
PP. Ethanol		per sample	$14.80		$0.00
11. Analyses-Drinking Water					
L. BTEXNM+1,2 DCA (524.2)		per sample	$124.05		$0.00
M. 7-OXYGENATES & ETHANOL (8260B)		per sample	$91.75		$0.00
N. EDB (504.1)		per sample	$79.50		$0.00
O. RCRA METALS (200.8)		per sample	$100.00		$0.00
11. Analyses-Soil					
Q1. BTEX + Naphth.		per sample	$64.00		$0.00
R1. PAH's		per sample	$64.04		$0.00
S1. 8 RCRA Metals		per sample	$56.40		$0.00
U1. TPH-DRO (3550C/8015C)		per sample	$40.00		$0.00
V1. TPH- GRO (5030B/8015C)		per sample	$35.96		$0.00
W1. Grain size/hydrometer		per sample	$104.00		$0.00
X1. Total Organic Carbon		per sample	$30.60		$0.00
11. Analyses-Air					
Y1. BTEX + Naphthalene		per sample	$216.00		$0.00
11. Analyses-Free Phase Product					
Z1. Hydrocarbon Fuel Identification		per sample	$357.00		$0.00
12. Aquifer Characterization					
A1. Pumping Test*		per hour	$23.00		$0.00
B1. Slug Test*		per test	$191.00		$0.00
C1. Fractured Rock		per test	$100.00		$0.00
13. A1. Free Product Recovery Rate Test*		each	$38.00		$0.00
14. Fate/Transport Modeling					
A1. Mathematical Model		each	$100.00		$0.00
B1. Computer Model		each	$100.00		$0.00
15. Risk Evaluation					
A. Tier I Risk Evaluation		each	$300.00		$0.00
B1. Tier II Risk Evaluation		each	$100.00		$0.00
16. A1. Subsequent Survey*	1	each	$260.00		$260.00
17. Disposal (gallons or tons)*					
AA. Wastewater	220	gallon	$0.56		$123.20
BB. Free Product		gallon	$0.50		$0.00
C1. Soil Treatment/Disposal	5	ton	$60.00		$300.00
D1. Drilling fluids		gallon	$0.42		$0.00
18. Miscellaneous (attach receipts)					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
20. Tier I Assessment (Use DHEC 3665 form)		standard			$0.00
21. IGWA (Use DHEC 3666 form)		standard			$0.00
22. Corrective Action (Use DHEC 3667 form)		PFP Bid			$0.00

23. **Aggressive Fluid & Vapor Recovery (AFVR)**					
A1. 8-hour Event*		each	$1,375.00		$0.00
AA. 24-hour Event*		each	$3,825.00		$0.00
A3. 48-hour Event*		each	$6,265.00		$0.00
A4. 96-hour Event*		each	$12,567.50		$0.00
C1. Off-gas Treatment 8 hour		per event	$122.50		$0.00
C2. Off-gas Treatment 24 hour		per event	$241.50		$0.00
C3. Off-gas Treatment 48 hour		per event	$327.00		$0.00
C4. Off-gas Treatment 96 hour		per event	$780.00		$0.00
D. Site Reconnaissance		each	$203.25		$0.00
E1. Additional Hook-ups		each	$25.75		$0.00
F1. Effluent Disposal		gallon	$0.44		$0.00
G. AFVR Mobilization/Demobilization		each	$391.50		$0.00
24. **Granulated Activated Carbon (GAC) filter system installation & service:**					
A1. New GAC System Installation*		each	$1,900.00		$0.00
BB. Refurbished GAC Sys. Install*		each	$900.00		$0.00
C1. Filter replacement/removal*		each	$350.00		$0.00
DD. GAC System removal, cleaning, & refurbishment*		each	$275.00		$0.00
E1. GAC System housing*		each	$250.00		$0.00
F. In-line particulate filter		each	$150.00		$0.00
G1. Additional piping & fittings		foot	$1.50		$0.00
25. **Well Repair**					
A1. Additional Copies of the Report Delivered		each	$50.00		$0.00
B1. Repair 2x2 MW pad*		each	$50.00		$0.00
C1. Repair 4x4 MW pad*		each	$88.00		$0.00
D1. Repair well vault*		each	$118.00		$0.00
F1. Replace well cover bolts		each	$2.60		$0.00
G. Replace locking well cap & lock		each	$15.00		$0.00
H1. Replace/Repair stick-up*		each	$134.00		$0.00
I1. Convert Flush-mount to Stick-up*		each	$150.00		$0.00
J1. Convert Stick-up to Flush-mount*		each	$130.00		$0.00
K1. Replace missing/illegible well ID plate		each	$12.00		$0.00
Report Prep & Project Management	12%	percent	$13,339.20		$1,600.70
TOTAL					$14,939.90



DHEC 2495 6-2017 *The appropriate mobilization cost can be added to complete these tasks, as necessary

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Healthy People. Healthy Communities.

UST
38
DOCKETING

MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

JUL 0 9 2018

Re: **Well Installation Directive**
Carolina Country Convenience, 1908 Hwy 601 N., Pageland, SC
UST Permit #02261; CA #57252; UMW #27127
Release #2 reported October 11, 2012
Site-Specific Work Plan received June 29, 2018
Chesterfield County

Dear Mr. Wallace:

On behalf of the Department of Health and Environmental Control (DHEC), the Underground Storage Tank (UST) Management Division has reviewed the referenced plan submitted on your behalf by Geological Resources, Inc. Installation of eight monitoring wells is necessary. All work should be conducted in accordance with the contractor's Annual Contractor Quality Assurance Plan (ACQAP) and must be conducted in compliance with all applicable regulations. A copy of Quality Assurance Program Plan (QAPP) Revision 3.1 is available at http://www.scdhec.gov/environment/docs/DHEC%20UST%20QAPP_Rev-3.1(2).pdf.

A change to the submitted SSWP and cost proposal was made in that the intermediate wells shall be completed as telescoping wells with an outer casing advanced to 40 feet below grade and a five-foot screened interval from 51-56 feet below grade.

Activities at the site should begin immediately upon receipt of this letter. Cost agreement # 57252 has been approved for the amount shown on the enclosed cost agreement form for the proposed work scope. **The report and invoice are due within 60 days from the date of this letter.** The report submitted at the completion of these activities should include the required information outlined in QAPP Revision 3.1. Please note that all applicable South Carolina certification requirements apply to the services and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

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

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

DHEC grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. The transport and disposal must be conducted in accordance with QAPP Revision 3.1. If the CoC concentrations based on laboratory analysis are below RBSLs, please contact the project manager for approval to dispose of soil and/or groundwater on site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit #02261. If you have any questions regarding this correspondence, please contact me by telephone at (803) 898-0608 or by e-mail at minerrs@dhec.sc.gov.

Sincerely,

Read S. Miner, P.G., Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement
Well Approval

cc: Geological Resources, Inc., 3502 Hayes Rd., Monroe, NC 28110 (with enc.)
Technical File (with enclosures)

dhec
Healthy People. Healthy Communities.

Monitoring Well Approval Form

Approval is hereby granted to:	Geological Resources, Inc.
(on behalf of):	Carolina Country, LLC
Facility:	Carolina Country Convenience, 1908 Hwy 601 N., Pageland, SC
UST Permit Number:	02261
County:	Chesterfield

This approval is for the installation of eight monitoring wells. The wells are to be installed in the approved locations. The wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. A Water Well Record Form or other form provided or approved by DHEC shall be completed and submitted to DHEC within 30 days after well completion or abandonment unless another schedule has been approved by DHEC. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
4. All analytical data and water levels obtained from each monitoring well shall be submitted to DHEC within 30 days of receipt of laboratory results unless another schedule has been approved by DHEC as required by R.61-71.H.1.d.
5. If any of the information provided to DHEC changes, notification to Read S. Miner (tel: (803) 898-0608 or e-mail: minerrs@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. DHEC approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated May 22, 2016. A copy of this approval should be on the site during well installation.

Date of Issuance: July 3, 2018 **Approval #: UMW-27127**

Read S. Miner, P.G., Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Approved Cost Agreement 57252

Facility: 02261 CAROLINA COUNTRY CONVENIENCE
MINERRS
PO Number:

Task / Description Categories	Item Description	Qty / Pct	Unit Price	Amount
01 PLAN				
	A1 SITE SPECIFIC WORK PLAN	1.0000	$150.000	150.00
04 MOB/DEMOB				
	A1 EQUIPMENT	1.0000	$1,020.000	1,020.00
	B1 PERSONNEL	2.0000	$423.000	846.00
09 WELL INSTALLATION				
	B1 WATER TABLE (DRILL RIG)	120.0000	$38.000	4,560.00
	CC TELESCOPING	224.0000	$50.000	11,200.00
16 SUBSEQUENT SURVEY				
	A1 SUBSEQUENT SURVEY	1.0000	$260.000	260.00
17 DISPOSAL				
	AA WASTEWATER	400.0000	$0.560	224.00
	C1 SOIL TREATMENT DISPOSAL	12.0000	$60.000	720.00
19 RPT/PROJECT MNGT & COORDINATIO				
	PRT REPORT PREPARATION	0.1200	$18,980.000	2,277.60
			Total Amount	21,257.60

Geological Resources, Inc.

UST
341
DOCKETING

UST
OCT 1 2 2018
PROGRAM

October 09, 2018

Mr. Read Miner
SCDHEC
UST Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, SC 29201

Re: Monitoring Well Installation Report
August 2018
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County, South Carolina
UST Permit Number: 02261
GRI Project No: 3289

Dear Mr. Miner,

Please find enclosed the referenced report for the above mentioned site.

If you have any questions, please do not hesitate to contact Scott Ball at (704) 845-4010.

Sincerely,
Geological Resources, Inc.

Leslie Maxtone-Graham
Administrative Assistant

Enclosure

Cc: Mr. Mike Wallace; Carolina Country, LLCfile

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

MONITORING WELL INSTALLATION REPORT
AUGUST 2018
CAROLINA COUNTRY CONVENIENCE
1908 HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
CHESTERFIELD COUNTY
UST PERMIT NUMBER: 02261
GRI PROJECT NUMBER: 3289

Prepared for:

Michael Wallace
Carolina Country LLC
1908 Highway 601 North
Pageland, South Carolina 29728

Prepared by:

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

October 9, 2018

RANDALL A. SMITH REGISTERED NO. 2323 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

Scott Ball
Project Manager

Randy A. Smith, P.G.
License Number 2323

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Appendix B: Well Development Data Verification Forms
Appendix C: Disposal Manifest
Appendix D: Contractor Checklist

1.0 INTRODUCTION

This report presents the results of the monitoring well installation activities conducted in August 2018 at the Carolina Country Convenience site located at 1908 Highway 601 North, Pageland, Chesterfield County, South Carolina (**Figure 1** and **Figure 2**). The activities were conducted in accordance with the "Well Installation Directive" dated July 9, 2018, from the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the activities was to install additional monitoring wells to delineate the petroleum contamination plume in the vertical and horizontal directions. The site is currently operating as a convenience store and restaurant/petroleum retail facility/used auto sales called Carolina Country Convenience. The area surrounding the site is mixed use to include residential, agricultural and limited business. Three gasoline underground storage tanks (USTs) and associated piping and dispensers are currently in operation at the site.

A release (#1) from the UST system was reported at the site on September 30, 2008 and closed with a notice of No Further Action on November 6, 2008. A second release was reported at the site on October 11, 2012. An Initial Ground Water Assessment (IGWA) report documenting site assessment activities was submitted to the SCDHEC in October 2013. Based on the IGWA report, both soil and ground water samples exhibited levels of chemicals of concern (COCs) above the Risk Based Screening Levels (RBSLs). Twenty four Type III monitoring wells (MW-1 through MW-27) and six telescoping wells (TW-1 through TW-6) were installed during previous assessment activities conducted at the site. The last comprehensive ground water sampling event was conducted at the site in April 2018. Three water supply wells were identified within 1,000 feet of the source area during a receptor survey conducted in November 2014 as part of the Tier II assessment. Municipal water is provided to all properties in the area. The former Eddies Pitt Stop facility (UST Permit # 18871) is located across Highway 601 on the adjacent property to the west of the subject site. A release was reported for this facility in August 2002. The release is currently being monitored by the SCDHEC. This report summarizes the August 2018 monitoring well installation activities for the Carolina Country Convenience site.

2.0 FACILITY INFORMATION

- **Facility Name:** Carolina Country Convenience
- **Location:** 1908 Highway 601 North
Pageland, Chesterfield County, SC 29728
- **UST Permit No.** 02261

- **Land Use:** Commercial
- **Property Owner:** Wilson, Inc.
  Post Office Box 1839
  Lancaster, SC 29721
  (803) 283-8468
- **UST Owner/Operator:** Carolina Country Convenience
  1908 Highway 601 N.
  Pageland, SC 29728
  (843) 672-5527
- **Site Rehabilitation Contractor:** Geological Resources, Inc.
  3502 Hayes Road
  Monroe, North Carolina 28110
  (704) 845-4010
  Class 1, Certification Number 74
- **Drilling Contractor** Geological Resources, Inc.
  3502 Hayes Road
  Monroe, North Carolina 28110
  (704) 845-4010
  Corey Buchanan 2202B
  Certification Number 1857-B
- **Drilling Contractor** REDI
  111 Vest Lane
  West End, North Carolina 27376
  (910) 639-0350
  Bryan Vest
  Certification Number 2188-B
-

Release Information:

- **Date Discovered:** October 11, 2012
- **Estimated Amount of Release:** Unknown
- **Source of Release:** Leaking UST System
- **UST Size/Contents:** One 10,000-gallon gasoline UST, and two 6,000-gallon gasoline USTs, associated piping, and dispensers
- **Latitude:** 34.7940878° North **Longitude:** 80.4035483° West

3.0 WELL INSTALLATION

On August 8 and 9, 2018, four Type III monitoring wells (MW-28 through MW-31) were installed at the site in locations previously specified by the SCDHEC project manager. On August 21 and 22, 2018 four

telescoping intermediate depth monitoring wells (MW-28I through MW-31I) were installed at the site in locations previously specified by the SCDHEC project manager. All the Type III monitoring wells were installed utilizing a rotary drill rig using solid stem augers. All the telescoping intermediate depth monitoring wells were installed utilizing a drill rig using the hollow stem augers and rotary air hammer. Subsurface materials encountered during drilling operations were red to brown silts, clays and weathered argillite. Monitoring wells MW-28 through MW-31 were installed to total depths of 30 feet each and completed with a 15-foot screened interval set to bracket the water table surface. The telescoping intermediate depth monitoring wells MW-28I through MW-31I were installed to total depths of 56 feet each and completed with a 5-foot screened interval. The telescoping intermediate depth monitoring wells MW-28I, 29I and 31I were developed by a submersible pump subsequent to installation. MW-30I was not developed due to 0.03' of free product measured. The intermediate monitoring well MW-30I was measured to contain 0.04' of free product on September 18, 2018. Both of these free product measurements were confirmed with disposable bailers. The wells MW-28 through MW-31 were not developed due to limited volume of the water column and/or dry, presumably, as a result of the seasonal low water table at the time of development. It is expected that the seasonal high water table should rise, at which time, those newly installed monitoring wells will be developed. The top of casing elevations for all newly installed monitoring wells located at the site were surveyed on September 18, 2018. The locations of the monitoring wells are shown on **Figure 2**. Subsurface boring logs and water well construction records for the monitoring wells installed in August 2018 have been included as **Appendix A**. Well Development Data Verification Forms for the development of monitoring wells in August 2018 have been included as **Appendix B**. A disposal manifest for soil generated during the well installation activities has been included as **Appendix C**.

4.0 QA/QC

Monitoring well installation, development, surveying and gauging were conducted in general accordance with the SCDHEC Programmatic QAPP and the approved site specific Contractor Addendum. All installation and field equipment (hand augers, water level meters, submersible pumps, and down-hole drilling equipment) were properly decontaminated between each new well location. All new wells were developed using a decontaminated submersible pump between each well. All field measurement equipment was properly decontaminated between well locations. All new wells were tied into the existing map for the site and surveyed for top-of-casing elevations. All applicable items on the Contractor Checklist were reviewed and verified. A copy of the Contractor Checklist is included as **Appendix D**.

5.0 CONCLUSIONS AND RECOMMENDATIONS

- Four Type III monitoring wells were installed at the site between August 8 and 9, 2018. Four telescoping intermediate depth monitoring wells were installed at the site between August 21 and 22, 2018. Top of casing elevations were measured for the newly installed monitoring wells on September 18, 2018.
- The Type III wells MW-28 through MW-31 were not developed due to limited volume of the water column and/or dry at the time of development. Three telescoping intermediate monitoring wells were gauged and developed on August 23, 2018. MW-30I was not developed due to 0.03 feet of free product measured.
- The telescoping intermediate depth monitoring well MW-30I was measured to contain 0.03 feet of free product on August 23, 2018 and 0.04 feet of free product on September 18, 2018. Both of these measurements were confirmed with disposable bailers.
- GRI makes the following recommendations:
    - Ground water sampling at the site should continue as directed by the SCDHEC.
    - An AFVR event should be conducted to remove free product from monitoring well MW-30I.

6.0 LIMITATIONS

This report has been prepared for the exclusive use of Mr. Michael Wallace, the owner and operator of the Carolina Country Convenience facility and the SCDHEC for specific application to the referenced site in Chesterfield County, South Carolina. The activities were conducted based on the scope of work and level of effort specified by the SCDHEC and with resources adequate only for that scope of work. Our findings have been developed in accordance with generally accepted standards of geology and hydrogeology practices in the State of South Carolina, available information, and our professional judgment. No other warranty is expressed or implied.

The data that are presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. In addition, the data obtained from samples would be interpreted as being meaningful with respect to parameters indicated in the laboratory report. No additional information can logically be inferred from these data. Please note that certain information contained in this report was not obtained under the direct supervision of GRI personnel. Therefore, GRI

cannot verify the accuracy of this information. However, for the purpose of this report, GRI assumes the information is correct.

FIGURES

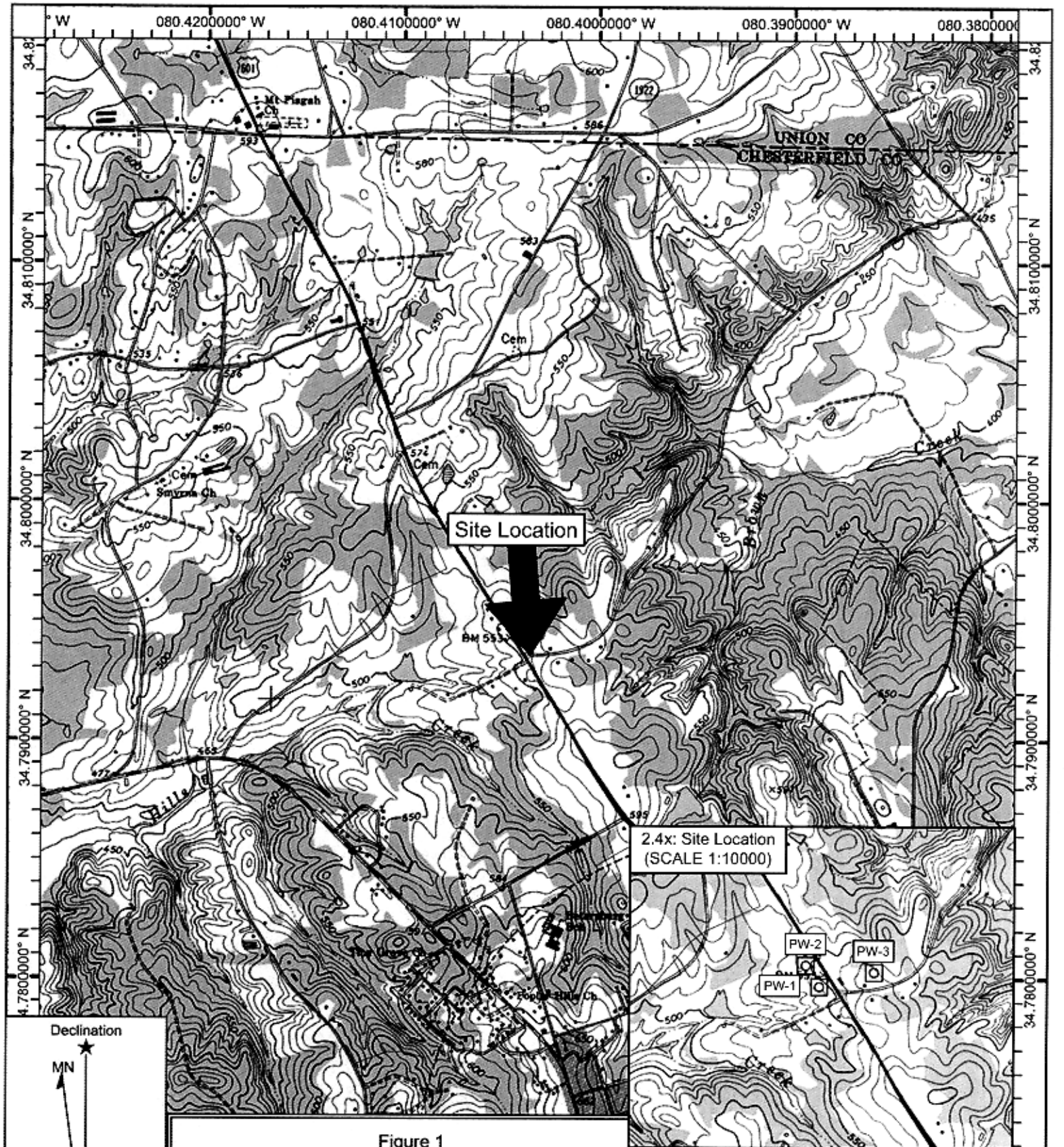


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

Name: Topographic Map
Date: 04/19/16
Scale: 1 inch = 2,000 ft.

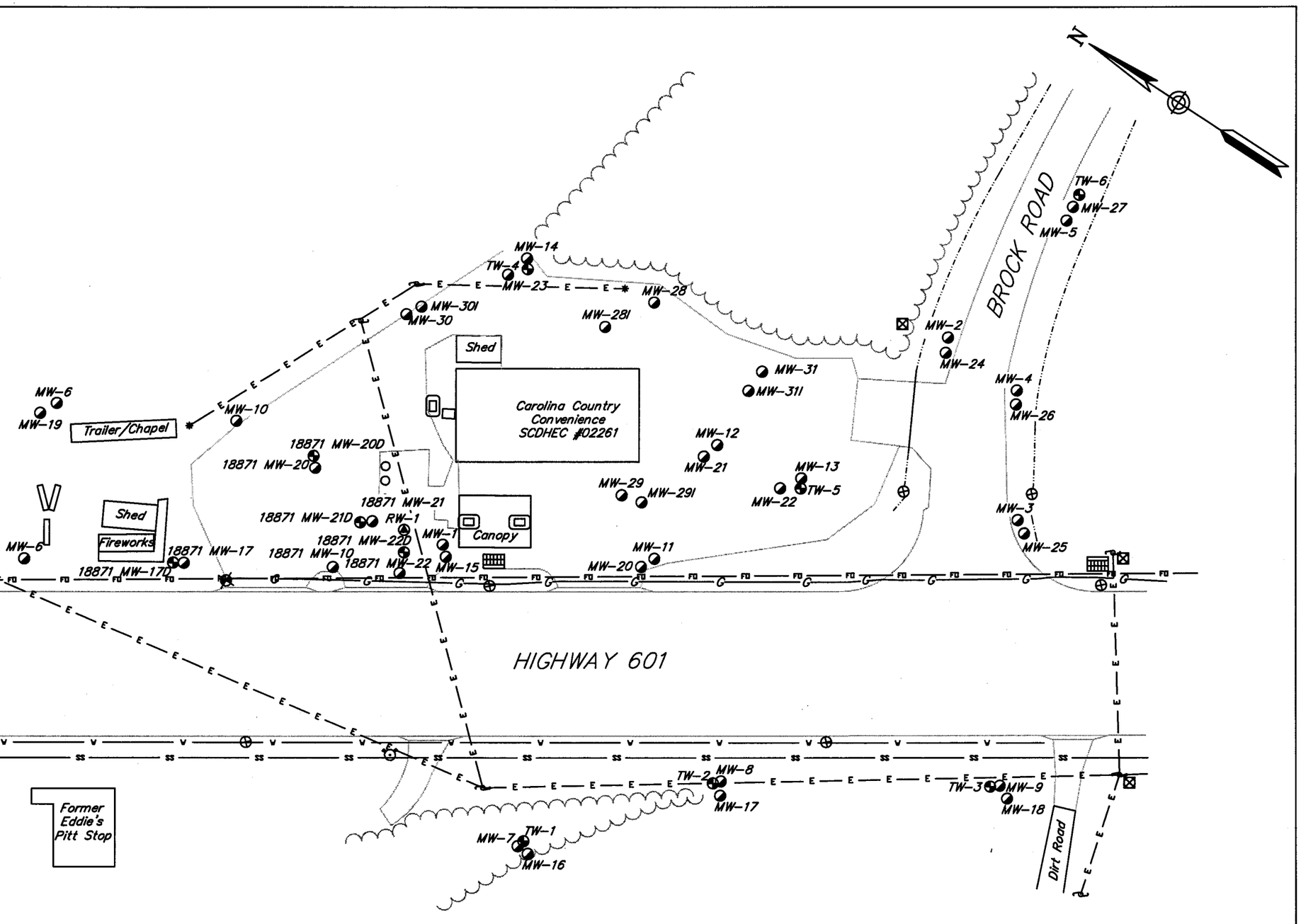
Map Center Location: 034.7940878° N 080.4035483° W

Generated by Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

Note:
1. This Map is based on a Professional Survey Plat dated December 17, 2014 that was completed by Jay S. Joshi of Columbia, SC.
2. Fiber optic, water, and sewer utility lines were not professionally surveyed; locations are approximate.



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

SITE MAP

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	09/19/18	Drawn by:	DTH	Figure:	2

TABLE

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-1	08/09/13	NM	---	12.39	---	---	35	25-35	
	11/18/14	101.09	---	23.88	---	77.21			
	04/27/15		---	10.91	---	90.18			
	11/23/15		---	13.75	---	87.34			
	07/26/16		---	22.02	---	79.07			
	04/10/18		---	18.21	---	82.88			
02261 MW-2	11/18/14	105.45	---	29.17	---	76.28	42	37-42	
	04/27/15		---	14.88	---	90.57			
	11/23/15		---	20.00	---	85.45			
	07/26/16		---	28.67	---	76.78			
	04/10/18		---	23.47	---	81.98			
02261 MW-3	11/18/14	102.34	---	25.80	---	76.54	42	37-42	
	04/27/15		---	11.45	---	90.89			
	11/23/15		---	16.54	---	85.80			
	07/26/16		---	25.09	---	77.25			
	04/10/18		---	20.10	---	82.24			
02261 MW-4	11/18/14	103.89	---	27.43	---	76.46	42	37-42	
	04/27/15		---	13.93	---	89.96			
	11/23/15		---	19.00	---	84.89			
	07/26/16		---	21.87	---	82.02			
	04/10/18		---	21.69	---	82.20			
02261 MW-5	11/18/14	109.60	---	33.30	---	76.30	42	37-42	
	04/27/15		---	20.20	---	89.40			
	11/23/15		---	24.49	---	85.11			
	07/26/16		---	30.63	---	78.97			
	04/10/18		---	27.60	---	82.00			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-6	11/18/14	101.00	---	20.86	---	80.14	35	30-35	
	04/27/15		---	8.43	---	92.57			
	11/23/15		---	5.87	---	95.13			
	07/26/16		---	16.69	---	84.31			
	04/10/18	100.93	---	16.53	---	84.40			
02261 MW-7	11/18/14	96.55	---	20.60	---	75.95	30	25-30	
	04/27/15		---	7.17	---	89.38			
	11/23/15		---	9.68	---	86.87			
	07/26/16		---	19.88	---	76.67			
	04/10/18		---	15.15	---	81.40			
02261 MW-8	11/18/14	97.79	---	20.75	---	77.04	30	25-30	
	04/27/15		---	7.79	---	90.00			
	11/23/15		---	9.02	---	88.77			
	07/26/16		---	20.15	---	77.64			
	04/10/18		---	15.25	---	82.54			
02261 MW-9	11/18/14	101.45	---	25.04	---	76.41	30	25-30	
	04/27/15		---	11.09	---	90.36			
	11/23/15		---	15.43	---	86.02			
	07/26/16		---	24.18	---	77.27			
	04/10/18		---	19.61	---	81.84			
02261 MW-10	11/18/14	102.08	---	24.02	---	78.06	35	30-35	
	04/27/15		---	12.66	---	89.42			
	11/23/15		---	11.30	---	90.78			
	07/26/16		---	23.42	---	78.66			
	04/10/18		---	17.43	---	84.65			
02261 MW-11	11/18/14	101.41	---	24.63	---	76.78	35	30-35	
	04/27/15		---	13.60	---	87.81			
	11/23/15		---	17.33	---	84.08			
	07/26/16		---	24.00	---	77.41			
	04/10/18		---	18.94	---	82.47			
	08/23/18		---	32.04	---	69.37			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-12	11/18/14	103.43	---	26.88	---	76.55	35	30-35	
	04/27/15		---	13.12	---	90.31			
	11/23/15		---	18.67	---	84.76			
	07/26/16		---	25.88	---	77.55			
	04/10/18		---	21.02	---	82.41			
	08/23/18		---	33.93	---	69.50			
02261 MW-13	11/18/14	102.12	---	25.53	---	76.59	35	30-35	
	04/27/15		---	11.52	---	90.60			
	11/23/15		---	17.26	---	84.86			
	07/26/16		---	24.74	---	77.38			
	04/10/18		---	19.79	---	82.33			
	08/23/18		---	32.83	---	69.29			
02261 MW-14	11/18/14	104.11	---	27.80	---	76.31	35	30-35	
	04/27/15		---	15.93	---	88.18			
	11/23/15		---	19.39	---	84.72			
	07/26/16		---	27.54	---	76.57			
	04/10/18		---	22.13	---	81.98			
	08/23/18		---	34.07	---	70.04			
02261 MW-15	04/10/18	101.01	---	17.95	---	83.06	25	15-25	
02261 MW-16	04/10/18	93.76	---	12.31	---	81.45	25	15-25	
02261 MW-17	04/10/18	95.32	---	11.33	---	83.99	25	15-25	
02261 MW-18	04/10/18	97.70	---	16.89	---	80.81	24	14-24	
02261 MW-19	04/10/18	100.86	---	22.56	---	78.30	30	15-30	
02261 MW-20	04/10/18	101.50	---	19.16	---	82.34	30	15-30	
	08/23/18		---	29.65	---	71.85			
02261 MW-21	04/10/18	103.41	---	21.00	---	82.41	30	15-30	
	08/23/18		---	29.52	---	73.89			
02261 MW-22	04/10/18	102.01	---	19.71	---	82.30	30	15-30	
	08/23/18		---	29.36	---	72.65			
02261 MW-23	04/10/18	103.98	---	21.71	---	82.27	30	15-30	
	08/23/18		---	29.82	---	74.16			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-24	04/10/18	105.46	---	23.49	---	81.97	37	12-37	
02261 MW-25	04/10/18	102.33	---	20.08	---	82.25	37	12-37	
02261 MW-26	04/10/18	103.87	---	21.61	---	82.26	37	12-37	
02261 MW-27	04/10/18	109.95	---	28.12	---	81.83	37	12-37	
02261 MW-28	08/21/18	104.81	---	Dry	---	NM	30	15-30	
	09/18/18		---	27.95	---	76.86			
02261 MW-29	08/21/18	102.75	---	Dry	---	NM	30	15-30	
	09/18/18		---	Dry	---	NM			odor
02261 MW-30	08/21/18	103.35	---	Dry	---	NM	30	15-30	
	09/18/18		---	Dry	---	NM			
02261 MW-31	08/21/18	103.48	---	Dry	---	NM	30	15-30	
	09/18/18		---	Dry	---	NM			odor
02261 MW-28I	08/23/18	104.27	---	37.02	---	67.25	56	51-56	High stick up/ odor
	09/18/18		---	37.51	---	66.76			
02261 MW-29I	08/23/18	102.70	---	36.44	---	66.26	56	51-56	odor
	09/18/18		---	34.91	---	67.79			
02261 MW-30I	08/23/18	103.28	NM	NM	0.03	NM	56	51-56	Confirmed with bailer
	09/18/18		36.16	36.20	0.04	67.08			
02261 MW-31I	08/23/18	103.48	---	41.32	---	62.16	56	51-56	High stick up/ odor
	09/18/18		---	36.38	---	67.10			
02261 TW-1	11/18/14	96.74	---	20.91	---	75.83	56	51-56	
	04/27/15		---	7.80	---	88.94			
	11/23/15		---	10.62	---	86.12			
	07/26/16		---	20.21	---	76.53			
	04/10/18		---	15.51	---	81.23			
02261 TW-2	11/18/14	97.63	---	21.72	---	75.91	56	51-56	
	04/27/15		---	8.12	---	89.51			
	11/23/15		---	12.27	---	85.36			
	07/26/16		---	21.07	---	76.56			
	04/10/18		---	16.34	---	81.29			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 TW-3	11/18/14	101.30	---	25.01	---	76.29	56	51-56	
	04/27/15		---	10.90	---	90.40			
	11/23/15		---	15.43	---	85.87			
	07/26/16		---	24.13	---	77.17			
	04/10/18		---	19.48	---	81.82			
02261 TW-4	11/18/14	104.00	---	27.44	---	76.56	61	56-61	
	04/27/15		---	14.17	---	89.83			
	11/23/15		---	16.99	---	87.01			
	07/26/16		---	27.61	---	76.39			
	04/10/18		---	22.10	---	81.90			
02261 TW-5	11/18/14	102.09	---	25.47	---	76.62	61	56-61	
	04/27/15		---	11.94	---	90.15			
	11/23/15		---	16.41	---	85.68			
	07/26/16		---	23.21	---	78.88			
	04/10/18		---	19.72	---	82.37			
02261 TW-6	04/27/15	110.32	---	19.17	---	91.15	68	63-68	
	11/23/15		---	25.04	---	85.28			
	07/26/16		---	33.65	---	76.67			
	04/10/18		---	28.46	---	81.86			
18871 MW-10	11/18/14	100.03	---	19.70	---	80.33	35	25-35	
	11/23/15		---	17.66	---	82.37			
18871 MW-20	11/18/14	101.77	---	23.18	---	78.59	35	25-35	
	11/23/15		---	19.66	---	82.11			
18871 MW-20D	11/18/14	101.93	---	27.53	---	74.40	60	55-60	
	11/23/15		---	13.23	---	88.70			
18871 MW-21	11/18/14	101.00	---	21.56	---	79.44	35	25-35	
	11/23/15		---	12.38	---	88.62			
18871 MW-21D	11/18/14	101.04	---	18.68	---	82.36	60	55-60	
	11/23/15		---	15.69	---	85.35			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
18871 MW-22	11/18/14	100.24	---	23.16	---	77.08	35	25-35	
	11/23/15		---	12.61	---	87.63			
18871 MW-22D	11/18/14	100.55	---	23.81	---	76.74	60	55-60	
	11/23/15		---	12.91	---	87.64			

Notes:
- Elevations relative to temporary benchmark set at 100.00 ft ; data reported in feet.
- NM: Not measured.

APPENDICES

APPENDIX A

Subsurface Logs and Water Well Construction Records

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	MW-28	Date Drilled	08/08/18
Sample Method	Grab	Drilling Method	6" OD SS Augers
Completion Details	2" well completed to 30' w/screened interval from 15' to 30'		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Corey N Buchanan, GRI

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 27' Brown clay (weathered argillite), tight, moist at 12'-30'
2						
4						
6						
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						27' - 27.1' Quartz vein
28						27.1' - 30' Brown clay (weathered argillite)
30						Well set @ 30'
32						
34						
36						
38						

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SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	MW-29	Date Drilled	08/08/18
Sample Method	Grab	Drilling Method	6" OD SS Augers
Completion Details	2" well completed to 30' w/screened interval from 15' to 30'		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Corey N Buchanan, GRI

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 7' Brown clay (weathered argillite), soft
2						
4						
6						
8						7' - 30' Red clay (weathered argillite), soft, odors & moist at 7'-30'
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						
30						Well set @ 30'
32						
34						
36						
38						

Geological Resources, Inc.
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Monroe, NC 28110

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	MW-30	Date Drilled	08/09/18
Sample Method	Grab	Drilling Method	6" OD SS Augers
Completion Details	2" well completed to 30' w/screened interval from 15' to 30'		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Corey N Buchanan, GRI

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 4' Mottled tan and white clay
2						
4						4' - 23' Brown clay (weathered argillite), moist at 15'
6						
8						
10						
12						
14						
16						
18						
20						
22						23' - 23.1' Quartz vein
24						23.1' - 30' Red clay (weathered argillite), tight, odors at 25'
26						
28						
30						Well set @ 30'
32						
34						
36						
38						

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	MW-31	Date Drilled	08/09/18
Sample Method	Grab	Drilling Method	6" OD SS Augers
Completion Details	2" well completed to 30' w/screened interval from 15' to 30'		
Driller	Sam Bowers, GRI, SCL #1737-B	Log By	Corey N Buchanan, GRI

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 4' Mottled tan and white clay
2						
4						4' - 30' Brown clay (weathered argillite), odors & moist at 15'
6						
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						
30						Well set @ 30'
32						
34						
36						
38						

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	**Carolina Country Convenience**		
Address	**1908 Highway 601 North, Pageland, Chesterfield County, SC**		
Boring Number	**MW-28I**	Date Drilled	**08/21/2018**
Sample Method		Drilling Method	**Rotary Air 5.25"**
Completion Details	**2" well completed to 56' w/screened interval from 51' to 56'**		
Driller	**Bryan Vest, R.E.D.I. 218813**	Log By	**Pamela Mefferd, GRI**

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 0.25' Asphalt/gravel 0.25' - 1' Tan brown, sandy silt, many rock frags/ gravels, dry
4						1' - 4' Tan/orange, silty clay, dry, mottled, trace clay seams Moist at 3'
8						4' - 22' Orange, silty clay, moist, mottled, trace clay seams
12						Odor at 12'
14						
16						
20						Strong odor at 17'
24						22' - 28' Orange/red, silty clay, moist, strong odor, stiff
28						28' - 31' Quartz vein, odor 31' - 56' Orange/brown silty clay, moist, odor, stiff to very stiff
32						Strong odor at 35'
36						
40						Outer casing set at 40' Air Drilling 40' -56'
44						
48						
52						
56						Well set @ 56'

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	**Carolina Country Convenience**		
Address	**1908 Highway 601 North, Pageland, Chesterfield County, SC**		
Boring Number	**MW-29I**	Date Drilled	**08/22/2018**
Sample Method		Drilling Method	**Rotary Air 5.25"**
Completion Details	**2" well completed to 56' w/screened interval from 51' to 56'**		
Driller	**Bryan Vest, R.E.D.I. 218813**	Log By	**Pamela Mefferd, GRI**

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 0.25' Asphalt 0.25' - 1' Tan/brown, sandy silt, dry
4						1' - 6' Orange, clay, trace rock fragments, dry Moist at 5'
8						6' - 23' Red/brown, silty clay, moist
12						
14						
16						
20						Odor at 18' Trace quartz rock fragments at 21'
24						23' - 26' Orange/brown, silty clay, moist Odor at 25'
28						26' - 56' Tan/orange, silty clay, moist to dry, trace rock frags, minor odor
32						Stiff to very stiff at 30' Odor at 33'
36						
40						Outer casing set at 40' Air Drilling 40' -56'
44						
48						
52						
56						Well set @ 56'

Geological Resources, Inc.
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Monroe, NC 28110

Phone: (704) 845-4010
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SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	MW-30I	Date Drilled	08/21/2018
Sample Method		Drilling Method	Rotary Air 5.25"
Completion Details	2" well completed to 56' w/screened interval from 51' to 56'		
Driller	Bryan Vest, R.E.D.I. 218813	Log By	Pamela Mefferd, GRI

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 0.25' Gravel 0.25' - 2' Tan/brown, sandy silt, many rock frags/ gravels, dry
4						2' - 23' Tan/orange, silty clay, dry, mottled, trace clay seams
8						
12						Moist at 13'
14						
16						Odor at 18'
20						Strong odor at 22'
24						23' - 25' Orange/red, silty clay, moist, strong odor, stiff 25' - 27' Quartz vein, odor
28						27' - 56' Orange/brown, silty clay, dry to moist, odor, stiff to very stiff
32						Moist at 32'
36						
40						Outer casing set at 40' Air Drilling 40' -56'
44						
48						
52						Moist to wet at 52'
56						Well set @ 56'

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	MW-31I	Date Drilled	08/22/2018
Sample Method		Drilling Method	Rotary Air 5.25"
Completion Details	2" well completed to 56' w/screened interval from 51' to 56'		
Driller	Bryan Vest, R.E.D.I. 218813	Log By	Pamela Mefferd, GRI

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 0.25' Asphalt/gravel 0.25' - 1' Tan/brown, sandy silt, many rock frags, moist to dry
4						1' - 8' Tan/orange, silty clay, dry to moist, mottled, trace clay seams
8						Moist at 6' 8' - 12' Orange/red, silty clay, moist, stiff
12						Odor and weathered argillite with trace manganese deposits at 9'
14						12' - 21' Tan/orange, silty clay, moist to dry, trace rock frags, manganese deposits, very stiff
16						Strong odor at 18'
20						21' - 24' Quartz vein, strong odor
24						24' - 33' Orange/brown, silty clay, moist to dry, very stiff, strong odor
28						
32						33' - 34' Quartz vein, strong odor
36						34' - 42' Red/brown, silty clay, dry, odor, very stiff
40						Outer casing set at 40' Air Drilling 40' -56'
44						42' - 56' Tan/orange, silty clay dry, odor
48						Strong odor at 50'
52						
56						Well set @ 56'

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Michael Wallace (Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728-8292
Telephone: Work: Home:

2. LOCATION OF WELL: MW-28 **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728-8292
Latitude: 34.794243 N Longitude: -80.403444 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Brown Clay (weathered argillite)	27'	27'
Quartz Vein	0.1'	27.1'
Brown CLAY (weathered argillite)	2.9'	30'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-28
bentonite 11'-13'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; UMW-27127

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 30 ft. Date Started: 08/08/18 Date Completed: 08/08/18

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 15 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below ✓
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 15'
Set Between: 15 ft. and 30 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL Dry ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13 ft. to 30 ft.
Effective size GP#2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 13 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 100 ft. NW direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A B C D (circle one) ✓
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 8/6/18
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Michael Wallace (Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728-8292
Telephone: Work: Home:

2. LOCATION OF WELL: MW-29 **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728-8292
Latitude: 34.794243 N Longitude: -80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
NA

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Brown Clay (weathered argillite)	7'	7'
Red Clay (weathered argillite)	23'	30'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-29
Bentonite 11'-13'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; UMW-27127

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 08/08/18
30 ft. Date Completed: 08/08/18

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2" in. to 15 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below ✓
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 15'
Set Between: 15 ft. and 30 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL Dry ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13 ft. to 30 ft.
Effective size GP#2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 13 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 50 ft. NW direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A B C D (circle one) ✓
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 8/8/18
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Michael Wallace (Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728-8292
Telephone: Work: Home:

2. LOCATION OF WELL: MW-30 **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728-8292
Latitude: 34.794243 N Longitude: -80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
NA

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Mottled Tan and White Clay	4'	4'
Brown Clay (weathered argillite)	19'	23'
Quartz Vein	0.1'	23.1'
Red Clay (weathered argillite)	6.9'	30'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-30
Bentonite 11'-13'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; UMW-27127

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 08/09/18
30 ft. Date Completed: 08/09/18

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 15 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below ✓
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 15'
Set Between: 15 ft. and 30 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL Dry ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13 ft. to 30 ft.
Effective size GP#2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 13 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 50 ft. SW direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A B C D (circle one) ✓
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 8/9/18
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: Personal information provided on this document is subject to public scrutiny or release.

1. WELL OWNER INFORMATION:
Name: Michael Wallace (Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728-8292
Telephone: Work: Home:

2. LOCATION OF WELL: MW-31 **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728-8292
Latitude: 34.794243 N Longitude: -80.403444 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Mottled Tan and White Clay	4'	4'
Brown Clay (weathered argillite)	26'	30'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-31
Bentonite 11'-13'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; UMW-27127

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 30 ft. Date Started: 08/09/18 Date Completed: 08/09/18

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
0 in. to 15 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below ✓
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 15'
Set Between: 15 ft. and 30 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL Dry ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
NA ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☑ Yes ☐ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13 ft. to 30 ft.
Effective size GP#2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 13 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 150 ft. NW direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: NA Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Sam Bowers **CERT. NO.:** 1737
Address: (Print) 3502 Hayes Road, Monroe, NC 28110
Level: A B C D (circle one) ✓
Telephone No.: 704-845-4010 Fax No.: 704-845-4012

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 8/9/18
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Michael Wallace (Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728-8292
Telephone: Work: Home:

2. LOCATION OF WELL: MW-28I **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728-8292
Latitude: 34.794243 N Longitude: -80.403444 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Asphalt/Gravel	0	0.25'
Tan Brown Sandy SILT	0.25'	1'
Tan Orange Silty CLAY	1'	4'
Orange Silty CLAY	4'	22'
Orange Red Silty CLAY	22'	28'
Quartz Vein	28'	31'
Orange Brown Silty CLAY	31'	56'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-28I
Bentonite 47' - 49'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; UMW-27127

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 56 ft. Date Started: 8/21/18 Date Completed: 8/22/18

10. CASING: ☑ Threaded ☐ Welded
Diam.: —
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in. to 40 ft. depth
2 in. to 51 ft. depth
Height: Above/Below ✓
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5'
Set Between: 51 ft. and 56 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 37.02 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
N/A ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 49 ft. to 56 ft.
Effective size GP#3 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 47 ft. to 49 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 100 ft. NW direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: N/A Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L. Vest/REDI **CERT. NO.:** 2188
Address: (Print) 111 Vest Lane, West End, NC 27376
Level: A B C D (circle one) ✓
Telephone No.: 910-639-0350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ (Well Driller) Date: 9/28/2018

If D Level Driller, provide supervising driller's name:

DHEC 1903 (03/2004)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Michael Wallace (Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728-8292
Telephone: Work: Home:

2. LOCATION OF WELL: MW-29I **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728-8292
Latitude: 34.794243 N Longitude: -80.403444 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Asphalt	0	0.25'
Tan Brown Sandy SILT	0.25'	1'
Orange CLAY	1'	6'
Red Brown Silty CLAY	6'	23'
Orange Brown Silty CLAY	23'	26'
Tan Orange Silty CLAY	26'	56'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-29I
Bentonite 47' - 49'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; UMW-27127

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed)
56 ft.

10. CASING: ☑ Threaded ☐ W
Diam.: ← Blank
Type: ☑ PVC ☐ Galva ft.
☐ Steel ☐ Othe lb./ft.
5 in. to 40 ft — 5" 40'
2 in. to 51 ft — 2" 51
s ☑ No

11. SCREEN:
Type: PVC
Slot/Gauge: 0.010
Set Between: 51 ft
ULTIPLE SCREENS
ft. and ft. USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 34.91 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
N/A ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 49 ft. to 56 ft.
Effective size GP#3 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 47 ft. to 49 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 50 ft. NW direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: N/A ☐ Not installed
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L. Vest/REDI **CERT. NO.:** 2188
Address: (Print) 111 Vest Lane, West End, NC 27376
Level: A B C D (circle one)
Telephone No.: 910-639-0350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ (Well Driller) Date: 9/28/2018

If D Level Driller, provide supervising driller's name:

DHEC 1903 (03/2004)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Michael Wallace (last) (Carolina Country Conv.) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728-8292
Telephone: Work: Home:

2. LOCATION OF WELL: MW-30I **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728-8292
Latitude: 34.794243 N Longitude: -80.403444 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Gravel	0	0.25'
Tan Brown Sandy SILT	0.25'	2'
Tan Orange Silty CLAY	2'	23'
Orange Red Silty CLAY	23'	25'
Quartz Vein	25'	27'
Orange Brown Silty CLAY	27'	56'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-30I
Bentonite 47' - 49'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; UMW-27127

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 56 ft. Date Started: 8/21/18 Date Completed: 8/22/18

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in. to 40 ft. depth
2 in. to 51 ft. depth
Height: Above/Below ✓ Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5'
Set Between: 51 ft. and 56 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 36.20 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
N/A ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 49 ft. to 56 ft.
Effective size GP#3 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 47 ft. to 49 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 50 ft. SW direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: N/A Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L. Vest/REDI **CERT. NO.:** 2188
Address: (Print) 111 Vest Lane, West End, NC 27376
Level: A B C D (circle one) ✓
Telephone No.: 910-639-0350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest Well Driller Date: 9/28/2018

If D Level Driller, provide supervising driller's name:

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Michael Wallace (Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728-8292
Telephone: Work: Home:

2. LOCATION OF WELL: MW-31I **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728-8292
Latitude: 34.794243 N Longitude: -80.403444 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Asphult/Gravel	0	0.25'
Tan Brown Sandy SILT	0.25'	1'
Tan Orange Silty CLAY	1'	8'
Orange Red Silty CLAY	8'	12'
Tan Orange Silty CLAY	12'	21'
Quartz Vein	21'	24'
Orange Brown Silty CLAY	24'	33'
Quartz Vein	33'	34'
Red Brown Silty CLAY	34'	42'
Tan Orange Silty CLAY	42'	56'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-31I
Bentonite 47' - 49'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☑ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; UMW-27127

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 56 ft. Date Started: 8/22/18 Date Completed: 8/23/18

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5" in. to 40 ft. depth
2" in. to 51 ft. depth
Height: Above/Below ✓
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5'
Set Between: 51 ft. and 56 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☑ No

12. STATIC WATER LEVEL 36.38 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
N/A ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☑ No Bacterial Analysis ☐ Yes ☑ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 49 ft. to 56 ft.
Effective size GP#3 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☑ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 47 ft. to 49 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: 150 ft. NW direction
Type Petroleum
Well Disinfected ☐ Yes ☑ No Type: _____ Amount: _____

18. PUMP: Date installed: N/A Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe _____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L. Vest/REDI **CERT. NO.:** 2188
Address: (Print) 111 Vest Lane, West End, NC 27376
Level: A ✓ B C D (circle one)
Telephone No.: 910-639-0350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest (Well Driller) Date: 9/28/2018

If D Level Driller, provide supervising driller's name:

DHEC 1903 (03/2004) COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

APPENDIX B

Well Development Data Verification Forms

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: CAROLINA'S COUNTRY & CONVENIENCE Site ID#: (3289)

Date: 8/24/18 Field Personnel: PAMELA MEFFERD

Drilling Company: R.E.P.I. Driller's Name: Bryan L West

Driller's Certification Number: 21888 B Weather Conditions:

Well Development Method

Surge Block ○ Submersible Pump ✓ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	YSI 556 11B100638	serial no.	YSI SAME	serial no. YSI SAME	serial no.	16030C048060
pH=4.0	3.85	standard	1256		NTU=0.0	0.0
pH=7.0	6.99				NTU=1.0	1.0
pH=10.0	10.01				NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ✓ Solid Flight Augers ○ Direct Push ○

Air Rotary ✓ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW-28I Well Casing Diameter 2 inches Borehole Diameter ____ inches

Depth to Ground Water (DGW) 37.02 ft. Screen Length/Slot Size ____ ft./ ____ in.

Total Well Depth (TWD) 58.09 ft. Screen Interval 51 ft. to 56 ft.

Length of water column (LWC=TWD-DGW) 21.07 ft. Type of Drilling Fluids used: N/A

Total Gallons of Water Removed: 5 gals. Drilling Fluids recovered N/A gals.

Time (military)	1025	1027	1044				
pH (s.u.)*	5.06	6.54	5.72				
Specific Conductivity (mmhos/cm)*	561	799	685				
Water Temperature (C)*	19.54	22.89	21.07				
Turbidity (NTU) *	21.3	61.6	316				
Physical Characteristics (color/odor)	CLEAR/ODOR	SAME	SAME				
Water Level Measurement (ft) from TOC	NM	NM	NM				
Total Well Depth (ft) from TOC	NM	NM	NM				
Cumulative Gallons Removed	0 gals	3 gals	5 gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: DRY @ 4 gal
DRY @ 5 gal
WELL STICKUP NOT CUT YET/NOT TRUE TOC

Driller Signature: [signature] Date: 8/24/18

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: CAROLINA'S COUNTRY & CONVENIENCE Site ID#: (3289)

Date: 8/24/18 Field Personnel: PAMELA MEFFERD

Drilling Company: R.E.D.I Driller's Name: Bryan L West

Driller's Certification Number: 2188 B Weather Conditions:

Well Development Method

Surge Block ○ Submersible Pump ✓ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter			Conductivity meter		Temperature meter	Turbidity meter	
serial no.	YSI 556	11B100638	serial no.	YSI/SAME	serial no. YSI/SAME	serial no.	16030C048860
pH=4.0	3.85		standard	1256		NTU=0.0	0.0
pH=7.0	6.77					NTU=1.0	1.0
pH=10.0	10.01					NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ✓ Solid Flight Augers ○ Direct Push ○

Air Rotary ✓ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW-29I Well Casing Diameter 2 inches Borehole Diameter ____ inches

Depth to Ground Water (DGW) 36.44 ft. Screen Length/Slot Size ____ ft./ ____ in.

Total Well Depth (TWD) 57.80 ft. Screen Interval 51 ft. to 56 ft.

Length of water column (LWC=TWD-DGW) 21.44 ft. Type of Drilling Fluids used: N/A

Total Gallons of Water Removed: ____ gals. Drilling Fluids recovered N/A gals.

Time (military)	1131	1134	1136				
pH (s.u.)*	5.80	5.90	5.60				
Specific Conductivity (mmhos/cm)*	369	429	~~379~~ 501				
Water Temperature (C)*	22.61	22.13	24.26				
Turbidity (NTU) *	193	383	329				
Physical Characteristics (color/odor)	CLEAR/ODOR	SAME	SAME				
Water Level Measurement (ft) from TOC	NM	NM	NM				
Total Well Depth (ft) from TOC	NM	NM	NM				
Cumulative Gallons Removed	6 gals	3 gals	4 gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: DRY @ 4 WELL NOT RECHARGING WELL STICK UP NOT CUT YET/NOT TRUE TOC

Driller Signature: Bryan L West Date: 8/24/18

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: CAROLINA'S COUNTRY & CONVENIENCE Site ID#: (3289)

Date: 8/24/18 Field Personnel: PAMELA MEFFERD

Drilling Company: R.E.D.I. Driller's Name: Bryan L Vest

Driller's Certification Number: 2188 B Weather Conditions:

Well Development Method

Surge Block ○ Submersible Pump ○ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter		Turbidity meter	
serial no.		serial no.		serial no.		serial no.	
pH=4.0		standard				NTU=0.0	
pH=7.0						NTU=1.0	
pH=10.0						NTU=10.0	

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ○ Direct Push ○

Air Rotary ○ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW-30I Well Casing Diameter ____ inches Borehole Diameter ____ inches

Depth to Ground Water (DGW) NM ft. Screen Length/Slot Size ft./ in.

Total Well Depth (TWD) NM ft. Screen Interval ft. to ft.

Length of water column (LWC=TWD-DGW) ft. Type of Drilling Fluids used:

Total Gallons of Water Removed: gals. Drilling Fluids recovered gals.

Time (military)							
pH (s.u.)*							
Specific Conductivity (mmhos/cm)*							
Water Temperature (C)*							
Turbidity (NTU) *	NOT DEVELOPED						
Physical Characteristics (color/odor)							
Water Level Measurement (ft) from TOC		FP 0.03 DEPTH					
Total Well Depth (ft) from TOC							
Cumulative Gallons Removed	gals	gals	gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process:

Driller Signature: Date: 8/24/18

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: CAROLINA'S COUNTRY & CONVENIENCE Site ID#: (3289)

Date: 8/24/19 Field Personnel: PAMELA MEFFERD

Drilling Company: R.E.D.I Driller's Name: Bryan L West

Driller's Certification Number: 2188 B Weather Conditions:

Well Development Method

Surge Block ○ Submersible Pump ⊘ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	YSI 556 (1B100638)	serial no.	YSI SAME	serial no. YSI SAME	serial no.	16030C048860
pH=4.0	3.95	standard	1256		NTU=0.0	0.0
pH=7.0	6.99				NTU=1.0	1.0
pH=10.0	10.01				NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ⊘ Solid Flight Augers ○ Direct Push ○

Air Rotary ⊘ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW-3I Well Casing Diameter 2 inches Borehole Diameter ____ inches

Depth to Ground Water (DGW) 41.32 ft. Screen Length/Slot Size ____ ft./ ____ in.

Total Well Depth (TWD) 58.29 ft. Screen Interval 51 ft. to 56 ft.

Length of water column (LWC=TWD-DGW) 16.97 ft. Type of Drilling Fluids used: NA

Total Gallons of Water Removed: 3 gals. Drilling Fluids recovered N/A gals.

Time (military)	1111	1114					
pH (s.u.)*	5.21	5.20					
Specific Conductivity (mmhos/cm)*	372	431					
Water Temperature (C)*	21.90	22.97					
Turbidity (NTU) *	127	155					
Physical Characteristics (color/odor)	CLEAR/ODOR	SAME					
Water Level Measurement (ft) from TOC	NM	NM					
Total Well Depth (ft) from TOC	NM	NM					
Cumulative Gallons Removed	0 gals	2 gals	gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: DRY @ 3gal / WELL NOT RECHARGING WELL STICK UP NOT CUT YET / NOT TRUE TOC

Driller Signature: [signature] Date: 8/24/19

APPENDIX C

Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.: W-18653

2. Page 1 of

3. Generator's Name and Mailing Address: CAROLINA COUNTRY CONVEN
1908 Hwy 601 N
PAGELAND, SC

4. Generator's Phone ( )

5. Transporter 1 Company Name: HERR Transport, LLC

6. US EPA ID Number: NCR-000170506

A. State Transporter's ID

B. Transporter 1 Phone: 910-640-2607

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: HERR, Inc
303 S. Mcintosh St
Whiteville, NC

10. US EPA ID Number: NCR-000139816

E. State Facility's ID

F. Facility's Phone: 910-640-2607

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Petroleum Contaminated Soil	8	DR	3	T
b. Non-Reg. Petroleum Contact Water	5	DR	55	GAL
c.				
d.				

G. Additonal Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Job # W-18653

NON-HAZARDOUS WASTE

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Phillip

Signature

Date: Month 9 Day 27 Year 18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Kevin Crann

Signature

Date: Month 9 Day 27 Year 18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: Chris Gosnell

Signature

Date: Month 9 Day 27 Year 18

LABELMASTER (800) 621-5808 www.labelmaster.com

APPENDIX D

Contractor Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?	X		
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	X		
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?			X
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?	X		
12	Has the primary soil type been described?	X		
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?	X		
17	Has the method of well development been detailed?	X		
18	Has justification been provided for the locations of the monitoring wells?	X		
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	X		
20	Has the groundwater sampling methodology been detailed?			
21	Have the groundwater sampling dates and groundwater measurements been provided?			X
22	Has the purging methodology been detailed?			X
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?			X
24	If free-product is present, has the thickness been provided?	X		
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)			X
34	Has the current and historical laboratory data been provided in tabular format?			X
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)			X
40	Has the site potentiometric map been provided? (Figure 5)			X
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)			X
45	Is the laboratory performing the analyses properly certified?			X
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)	X		
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)	X		
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information.

dhec
Healthy People. Healthy Communities.

OCT 26 2018

UST 40 Tech DOCKETING

MR MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

Re: Site Specific Work Plan (SSWP) Directive for Groundwater Sampling
Carolina Country Convenience, 1908 Hwy 601 N, Pageland, SC
UST Permit #02261
Release reported October 11, 2012
Assessment Report received October 12, 2018
Chesterfield County

Dear Mr. Wallace:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the above referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels (RBSLs).

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations, implementation of groundwater sampling is necessary. The groundwater sampling must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP) and in compliance with all applicable regulations. A copy of the UST QAPP is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/.

Groundwater samples should be collected from all monitoring wells, water supply wells, and surface waters within 1,000 foot radius of the site and analyzed for Benzene, Toluene, Ethylbenzene, Xylene, Naphthalene, MtBE, the 8 Oxygenates, 1,2-DCA, and EDB. All wells should be purged prior to sample collection.

Your contractor must complete the SSWP and Cost Proposal and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment

Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins**.

On all correspondence regarding this site, please reference UST Permit #02261. Should you have any questions regarding this correspondence, please feel free to contact me by phone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at gladdet@dhec.sc.gov.

Sincerely,

Thomas Gladden Jr, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Cc: Geological Resources Inc, 3502 Hayes Rd, Monroe NC 28110
Technical Files

Geological Resources, Inc.

November 6, 2018

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

Re: GRI Proposal No. 18-624
Site Specific Work Plan
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
UST Permit No. 02261
GRI Project No. 3289

Dear Mr. Gladden:

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

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

Sincerely,

W. Scott Ball

W. Scott Ball
Senior Project Manager

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

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

Facility Name: Carolina Country Convenience UST Permit #: 02261
Facility Address: 1908 Highway 601 N, Pageland, Chesterfield County, SC
Responsible Party: Mike Wallace, Carolina Country, LLC Phone: (843) 833-0783
RP Address: 1908 Highway 601 N, Pageland, Chesterfield County, SC
Property Owner (if different): Wilson, Inc.
Property Owner Address: PO Box 1839, Lancaster, South Carolina 29721
Current Use of Property: Commercial - Used Car Sales

Scope of Work (Please check all that apply)

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

Analyses (Please check all that apply)

Groundwater/Surface Water:

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

Drinking Water Supply Wells:

- ☑ BTEXNMDCA (524.2)
- ☑ Oxygenates & Ethanol (8260B)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☑ EDB (504.1)

Soil:

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

Air:

- ☐ BTEXN

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

____ Soil	1 Water Supply Wells	____ Air	3 Field Blank
41 Monitoring Wells	____ Surface Water	4 Duplicate	1 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: NA Estimated Footage: ____ feet per point
# of deep points proposed: ____ Estimated Footage: ____ feet per point
Field Screening Methodology: ____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: NA Estimated Footage: ____ feet per point
# of deep wells: ____ Estimated Footage: ____ feet per point
# of recovery wells: ____ Estimated Footage: ____ feet per point
Comments, if warranted:

UST Permit #: 02261 Facility Name: Carolina Country Convenience

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 30 days from approval Field Work Completion: 33 days from approval
Report Submittal: 60 days from approval # of Copies Provided to Property Owners: _____

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

Investigation Derived Waste Disposal
Soil: 5 Tons Purge Water: 220 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
Sample monitoring wells MW-1 through MW-31, MW-28I through MW-31I and TW-1 through TW-6. Sample PW-3.
All wells will be purged and field readings collected prior to sample collection. Samples collected from the monitoring wells will be analyzed by Methods 8260 and 8011. Samples collect from PW-3 will be analyzed by Methods 524.2, 8260 and 504.1.
The appropriate number of field duplicates and field blanks will be collected.
All purge water will be containerized.

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

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

NA Other variations from ACQAP. Please describe below.

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

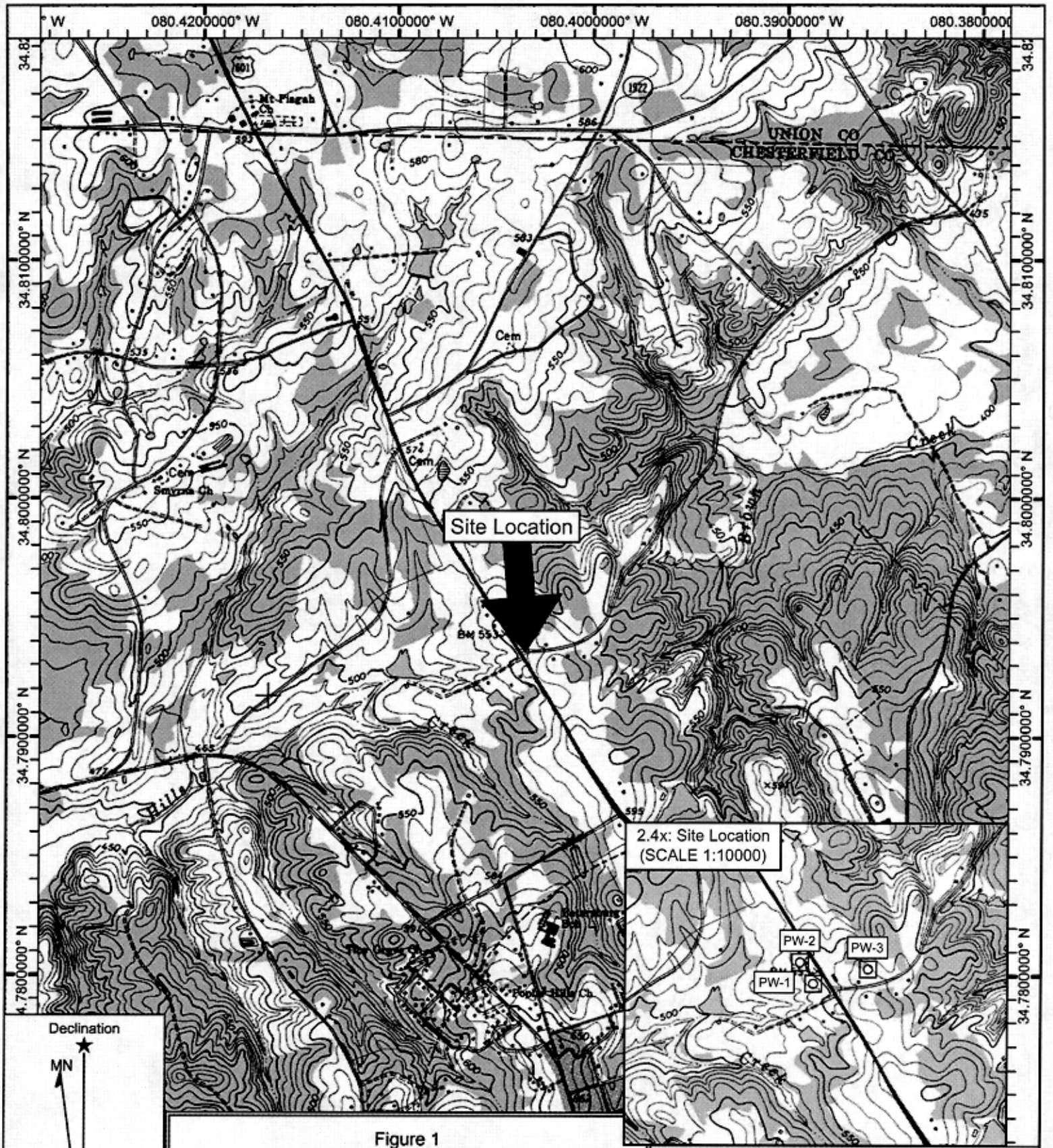


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

Name: Topographic Map
Date: 04/19/16
Scale: 1 inch = 2,000 ft.

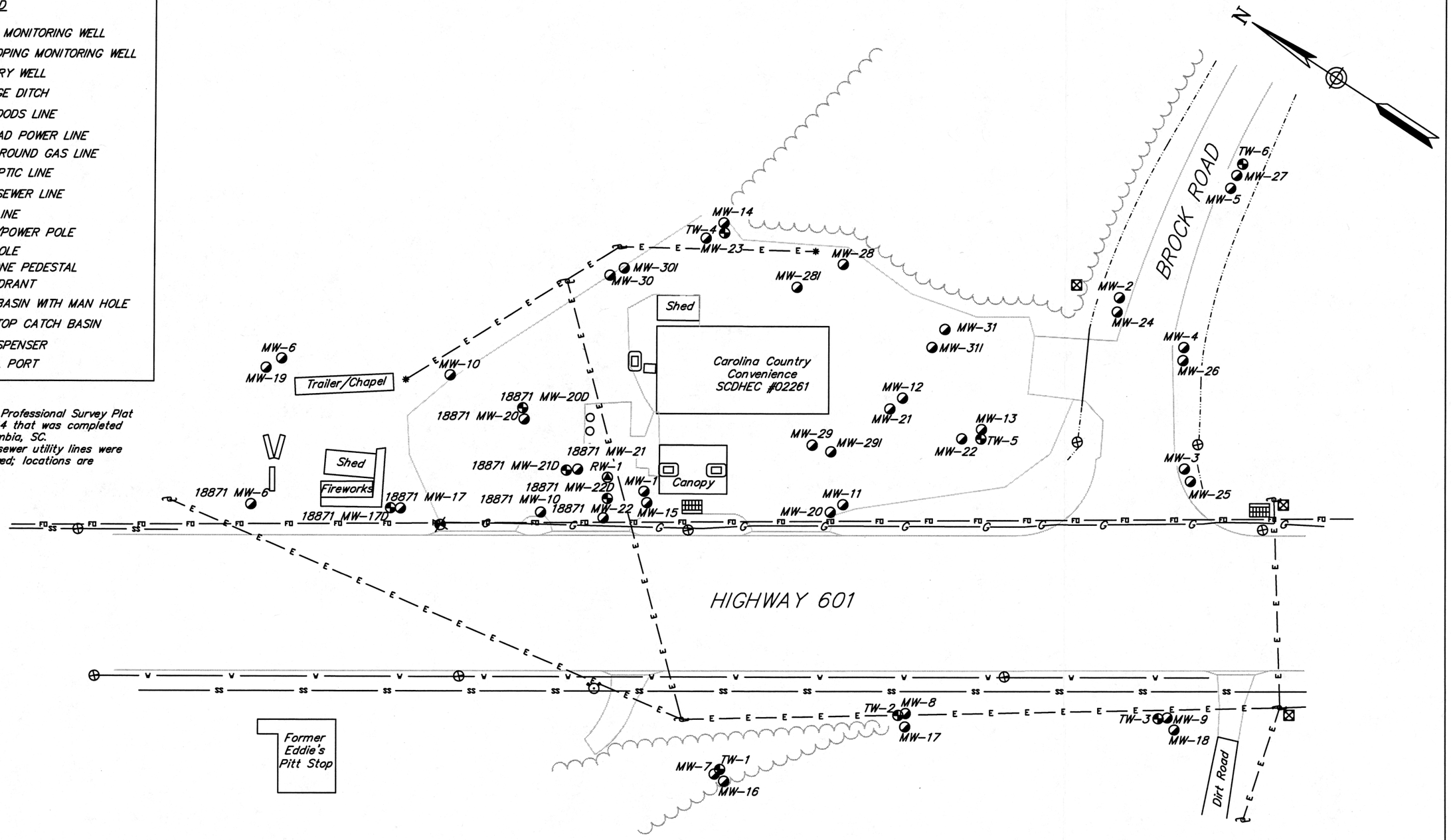
Map Center Location: 034.7940878° N 080.4035483° W

Generated by Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

Note:
1. This Map is based on a Professional Survey Plat dated December 17, 2014 that was completed by Jay S. Joshi of Columbia, SC.
2. Fiber optic, water, and sewer utility lines were not professionally surveyed; locations are approximate.



Geological Resources, Inc.

0 25 50 100
(IN FEET)
1 inch = 50 ft

SITE MAP

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	09/19/18	Drawn by:	DTH	Figure:	2

dhec
Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
June 15, 2017

UST
NOV 13 2018
PROGRAM

Facility Name: Carolina Country Convenience

GRI Proposal No. 18-624

UST Permit #: 02261 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1. Plan Preparation				
A1. Site-specific Work Plan	1	each	$150.00	$150.00
B1. Tax Map		each	$70.00	$0.00
C1. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00	$0.00
2. A1. **Receptor Survey ***		each	$551.00	$0.00
3. Survey (500 ft x 500 ft)				
A1. Comprehensive Survey		each	$1,040.00	$0.00
B. Subsurface Geophysical Survey				
1B. < 10 meters below grade		each	$1,300.00	$0.00
2B. > 10 meters below grade		each	$2,310.00	$0.00
C1. Geophysical UST or Drum Survey		each	$910.00	$0.00
4. Mob/Demob				
A1. Equipment		each	$1,020.00	$0.00
B1. Personnel	3	each	$423.00	$1,269.00
C1. Adverse Terrain Vehicle		each	$500.00	$0.00
5. A1. **Soil Borings (hand auger)***		foot	$5.00	$0.00
6. Soil Borings (requiring equipment, push technology, etc)* or Field Screening (including water ssample, soil sample, soil gas sample, etc.)*				
AA. Standard		per foot	$15.00	$0.00
C1. Fractured Rock		per foot	$20.20	$0.00
7. A1. **Soil Leachability Model**		each	$60.00	$0.00
8. Abandonment (per foot)*				
A1. 2" diameter or less		per foot	$3.10	$0.00
B1. Greater than 2" to 6" diameter		per foot	$4.50	$0.00
C1. Dug/Bored well (up to 6 feet diameter)		per foot	$15.00	$0.00
9. Well Installation (per foot)*				
A1. Water Table (hand augered)		per foot	$10.60	$0.00
B1. Water Table (drill rig)		per foot	$38.00	$0.00
CC. Telescoping		per foot	$50.00	$0.00
DD. Rock Drilling		per foot	$58.00	$0.00
E1. 2" Rock Coring		per foot	$30.90	$0.00
G1. Rock Multi-sampling ports/screens		per foot	$33.40	$0.00
HH. Recovery Well (4" diameter)		per foot	$45.00	$0.00
II. Pushed Pre-packed screen (1.25" dia)		per foot	$15.00	$0.00
J1. Rotosonic (2" diameter)		per foot	$44.00	$0.00
K. Re-develop Existing Well		per foot	$11.00	$0.00
10. Groundwater Sample Collection / Gauge Depth to Water or Product *				
A1. Groundwater Purge	41	per well/receptor	$60.00	$2,460.00
B1. Air or Vapors		per receptor	$12.00	$0.00
C1. Water Supply	1	per well/receptor	$22.00	$22.00
D1. Groundwater No Purge or Duplicate	4	per well/receptor	$28.00	$112.00
E1. Gauge Well only		per well	$7.00	$0.00
F1. Sample Below Product		per well	$12.00	$0.00
G1. Passive Diffusion Bag		each	$26.00	$0.00
H1. Field Blank	3	each	$24.60	$73.80

I. Groundwater (low flow purge)		per well/receptor	$91.00		$0.00
11. Laboratory Analyses-Groundwater					
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	47	per sample	$122.00		$5,734.00
AA1. Lead, Filtered		per sample	$13.80		$0.00
B2. Rush EPA Method 8260B (All of item A.)		per sample	$153.60		$0.00
C2. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$36.40		$0.00
D1. PAH's		per sample	$60.60		$0.00
E1. Lead		per sample	$16.00		$0.00
F1. EDB by EPA 8011	46	per sample	$45.20		$2,079.20
FF1. EDB by EPA Method 8011 Rush		per sample	$68.20		$0.00
G1. 8 RCRA Metals		per sample	$63.40		$0.00
H1. TPH (9070)		per sample	$41.00		$0.00
II. pH		per sample	$5.20		$0.00
J1. BOD		per sample	$20.00		$0.00
PP. Ethanol		per sample	$14.80		$0.00
11. Analyses-Drinking Water					
L. BTEXNM+1,2 DCA (524.2)	4	per sample	$124.05		$496.20
M. 7-OXYGENATES & ETHANOL (8260B)	3	per sample	$91.75		$275.25
N. EDB (504.1)	3	per sample	$79.50		$238.50
O. RCRA METALS (200.8)		per sample	$100.00		$0.00
11. **Analyses-Soil**					
Q1. BTEX + Naphth.		per sample	$64.00		$0.00
R1. PAH's		per sample	$64.04		$0.00
S1. 8 RCRA Metals		per sample	$56.40		$0.00
U1. TPH-DRO (3550C/8015C)		per sample	$40.00		$0.00
V1. TPH- GRO (5030B/8015C)		per sample	$35.96		$0.00
W1. Grain size/hydrometer		per sample	$104.00		$0.00
X1. Total Organic Carbon		per sample	$30.60		$0.00
11. **Analyses-Air**					
Y1. BTEX + Naphthalene		per sample	$216.00		$0.00
11. **Analyses-Free Phase Product**					
Z1. Hydrocarbon Fuel Identification		per sample	$357.00		$0.00
12. **Aquifer Characterization**					
A1. Pumping Test*		per hour	$23.00		$0.00
B1. Slug Test*		per test	$191.00		$0.00
C1. Fractured Rock		per test	$100.00		$0.00
13. A1. **Free Product Recovery Rate Test***		each	$38.00		$0.00
14. **Fate/Transport Modeling**					
A1. Mathematical Model		each	$100.00		$0.00
B1. Computer Model		each	$100.00		$0.00
15. **Risk Evaluation**					
A. Tier I Risk Evaluation		each	$300.00		$0.00
B1. Tier II Risk Evaluation		each	$100.00		$0.00
16. A1. **Subsequent Survey***		each	$260.00		$0.00
17. **Disposal (gallons or tons)***					
AA. Wastewater	220	gallon	$0.56		$123.20
BB. Free Product		gallon	$0.50		$0.00
C1. Soil Treatment/Disposal		ton	$60.00		$0.00
D1. Drilling fluids		gallon	$0.42		$0.00
18. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
20. **Tier I Assessment (Use DHEC 3665 form)**		standard			$0.00
21. **IGWA (Use DHEC 3666 form)**		standard			$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00

23. **Aggressive Fluid & Vapor Recovery (AFVR)**					
A1. 8-hour Event*		each	$1,375.00		$0.00
AA. 24-hour Event*		each	$3,825.00		$0.00
A3. 48-hour Event*		each	$6,265.00		$0.00
A4. 96-hour Event*		each	$12,567.50		$0.00
C1. Off-gas Treatment 8 hour		per event	$122.50		$0.00
C2. Off-gas Treatment 24 hour		per event	$241.50		$0.00
C3. Off-gas Treatment 48 hour		per event	$327.00		$0.00
C4. Off-gas Treatment 96 hour		per event	$780.00		$0.00
D. Site Reconnaissance		each	$203.25		$0.00
E1. Additional Hook-ups		each	$25.75		$0.00
F1. Effluent Disposal		gallon	$0.44		$0.00
G. AFVR Mobilization/Demobilization		each	$391.50		$0.00
24. **Granulated Activated Carbon (GAC) filter system installation & service:**					
A1. New GAC System Installation*		each	$1,900.00		$0.00
BB. Refurbished GAC Sys. Install*		each	$900.00		$0.00
C1. Filter replacement/removal*		each	$350.00		$0.00
DD. GAC System removal, cleaning, & refurbishment*		each	$275.00		$0.00
E1. GAC System housing*		each	$250.00		$0.00
F. In-line particulate filter		each	$150.00		$0.00
G1. Additional piping & fittings		foot	$1.50		$0.00
25. **Well Repair**					
A1. Additional Copies of the Report Delivered		each	$50.00		$0.00
B1. Repair 2x2 MW pad*		each	$50.00		$0.00
C1. Repair 4x4 MW pad*		each	$88.00		$0.00
D1. Repair well vault*		each	$118.00		$0.00
F1. Replace well cover bolts		each	$2.60		$0.00
G. Replace locking well cap & lock		each	$15.00		$0.00
H1. Replace/Repair stick-up*		each	$134.00		$0.00
I1. Convert Flush-mount to Stick-up*		each	$150.00		$0.00
J1. Convert Stick-up to Flush-mount*		each	$130.00		$0.00
K1. Replace missing/illegible well ID plate		each	$12.00		$0.00
Report Prep & Project Management	12%	percent	$13,033.15		$1,563.98
TOTAL					$14,597.13

DHEC 2495 6-2017 *The appropriate mobilization cost can be added to complete these tasks, as necessary

dhec
Healthy People. Healthy Communities.

MR MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

DEC 0 4 2018

Re: Site-Specific Work Plan (SSWP) Approval and Groundwater Sampling Directive
Carolina Country Convenience, 1908 Hwy 601 N, Pageland, SC
UST Permit #02261; CA #58447
Release Reported October 11, 2012
SSWP and cost proposal received November 13, 2018
Chesterfield County

Dear Mr. Wallace:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced SSWP submitted by your contractor. All work should be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the current revision of the UST QAPP is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/

The groundwater sampling event should begin immediately upon receipt of this letter. The Cost agreement number shown above has been approved for the amount shown on the enclosed cost agreement form.

The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

The Monitoring report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the Division within sixty (60) days of the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the UST QAPP.

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

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Division is obtained. If for any reason additional tasks will be

completed, these additional tasks and the associated cost must be pre-approved by the Division for the cost to be paid. The Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by an DHEC-certified site rehabilitation contractor as required by R.61-98.

The Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit #02261. Should you have any questions regarding this correspondence, please feel free to contact me by phone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at gladdet@dhec.sc.gov.

Sincerely,

Thomas Gladden Jr, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement (ACA)

cc: Geological Resources Inc, 3502 Hayes Rd, Monroe NC 28110 (w/enc.)
Technical file (with enc.)

Approved Cost Agreement 58447

Facility: 02261 CAROLINA COUNTRY CONVENIENCE
GLADDET
PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
01 PLAN					
		A1 SITE SPECIFIC WORK PLAN	1.0000	$150.000	150.00
04 MOB/DEMOB					
		B1 PERSONNEL	3.0000	$423.000	1,269.00
10 SAMPLE COLLECTION					
		A1 GROUNDWATER (PURGE)	41.0000	$60.000	2,460.00
		C1 WATER SUPPLY	1.0000	$22.000	22.00
		D1 GROUNDWATER NO PURGE/DUPLICATE	4.0000	$28.000	112.00
		H1 FIELD BLANK	3.0000	$24.600	73.80
11 ANALYSES					
	GW GROUNDWATER	A2 BTEXNM+OXYGS+1,2-DCA+ETH-8260B	47.0000	$122.000	5,734.00
		F1 EDB BY 8011	46.0000	$45.200	2,079.20
	WATER DRINKING WATER	L BTEXNM+1,2 DCA (524.2)	4.0000	$124.050	496.20
		M 7-OXYGENATES & ETHANOL (8260B)	4.0000	$91.750	367.00
		N EDB (504.1)	3.0000	$79.500	238.50
17 DISPOSAL					
		AA WASTEWATER	220.0000	$0.560	123.20
19 RPT/PROJECT MNGT & COORDINATIO					
		PRT REPORT PREPARATION	0.1200	$13,124.900	1,574.99
			Total Amount		14,699.89

Geological Resources, Inc.

UST
43 Tech
MAR 08 2019
PROGRAM

UST
DOCKETING

March 06, 2019

Mr. Thomas Gladden
SCDHEC
UST Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, SC 29201

Re: Ground Water Sampling Report
January-February 2019
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County, South Carolina
UST Permit Number: 02261
GRI Project No: 3389

Dear Mr. Gladden,

Please find enclosed the referenced report for the above mentioned site.

If you have any questions, please do not hesitate to contact Scott Ball at (704) 845-4010.

Sincerely,
Geological Resources, Inc.

Leslie Maxtone-Graham
Administrative Assistant

Enclosure

cc: Mr.Mike Wallace; Carolina Country, LLC, file

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

GROUND WATER SAMPLING REPORT
JANUARY-FEBRUARY 2019
CAROLINA COUNTRY CONVENIENCE
1908 HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
CHESTERFIELD COUNTY
UST PERMIT NUMBER: 02261
GRI PROJECT NUMBER: 3289

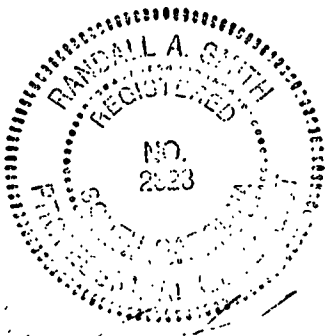
Prepared for:

Michael Wallace
Carolina Country LLC
1908 Highway 601 North
Pageland, South Carolina 29728

Prepared by:

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

March 6, 2019



W. Scott Ball
Project Manager

Randy A. Smith, P.G.
License Number 2323

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TABLES

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Table 2: Summary of Laboratory Analytical Results - Ground Water Samples – Chemicals of Concern
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Appendix C: Disposal Manifest
Appendix D: Contractor Checklist

1.0 INTRODUCTION

This report presents the results of comprehensive ground water sampling activities conducted in January and February 2019 at the Carolina Country Convenience site located at 1908 Highway 601 North, Pageland, Chesterfield County, South Carolina (**Figure 1** and **Figure 2**). The activities were conducted in accordance with the "Monitoring Well Installation and Groundwater Sampling Directive" dated December 4, 2018, from the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the activities was to obtain current ground water quality data for the site. The site is currently operating as convenience store and restaurant/petroleum retail facility. The area surrounding the site is mixed use to include residential, agricultural and limited business. Three gasoline underground storage tanks (USTs) and associated piping and dispensers are currently in operation at the site.

A release (#1) from the UST system was reported at the site on September 30, 2008 and closed with a notice of No Further Action on November 6, 2008. A second release was reported at the site on October 11, 2012. An Initial Ground Water Assessment (IGWA) report documenting site assessment activities was submitted to the SCDHEC in October 2013. Based on the IGWA report, both soil and ground water samples exhibited levels of chemicals of concern (COCs) above the Risk Based Screening Levels (RBSLs). Seventeen shallow depth monitoring wells (MW-15 through MW-31), fourteen intermediate depth monitoring wells (MW-1 through MW-14) and 10 deep/telescoping wells (MW-28I through MW-30I and TW-1 through TW-6) have been installed during previous assessment activities conducted at the site. The last comprehensive ground water sampling event was conducted at the site in April 2018. Three water supply wells were identified within 1,000 feet of the source area during a receptor survey conducted in November 2014 as part of the Tier II assessment. Municipal water is provided to all properties in the area. The former Eddies Pitt Stop facility (UST Permit # 18871) is located across Highway 601 on the adjacent property to the west of the subject site. A release was reported for this facility in August 2002. The release is currently being monitored by the SCDHEC. This report summarizes January and February 2019 ground water sampling activities for the Carolina Country Convenience site.

2.0 FACILITY INFORMATION

- **Facility Name:** Carolina Country Convenience
- **Location:** 1908 Highway 601 North
Pageland, Chesterfield County, SC 29728
- **UST Permit No.** 02261

- **Land Use:** Commercial
- **Property Owner:** Abdul Almontaser
701 S. Pearl Street
Pageland, SC 29728
(843) 672-7064
- **UST Owner/Operator:** Carolina Country Convenience
1908 Highway 601 N.
Pageland, SC 29728
(843) 672-5527
- **Site Rehabilitation Contractor:** Geological Resources, Inc.
3502 Hayes Road
Monroe, North Carolina 28110
(704) 845-4010
Class 1, Certification Number 74
- **Laboratory:** SGS North America, Inc.
4405 Vineland Road, Suite C-15
Orlando, FL 32811
(407) 425-6700
State Certification Number: 96038001

Release Information:

- **Date Discovered:** October 11, 2012
- **Estimated Amount of Release:** Unknown
- **Source of Release:** Leaking UST System
- **UST Size/Contents:** One 10,000-gallon gasoline UST, and two 6,000-gallon gasoline USTs, associated piping, and dispensers
- **Latitude:** 34.7940878° North **Longitude:** 80.4035483° West

3.0 GROUND WATER QUALITY

Thirty-one Type III monitoring wells (MW-1 through MW-31) and ten telescoping wells (MW-28I through MW-31I and TW-1 through TW-6) were gauged, purged and sampled between January 30 and February 1, 2019. Water supply well PW-3 was also sampled on February 1, 2019. The depths to ground water in the Type III monitoring wells during the January 2019 gauging event ranged from 0.88 to 24.29 feet below the top of casings. Ground water elevations in the Type III monitoring wells relative to a temporary benchmark with an assumed datum of 100.00 feet ranged from 73.31 to 99.42 feet. Based on this data, the general direction of shallow ground water flow was toward the west. The average horizontal hydraulic gradient was approximately 0.019 feet/foot between monitoring wells MW-16 and MW-31. The general direction

of the intermediate (MW-1 to MW-14) ground water flow was towards the west with an average horizontal hydraulic gradient that was approximately 0.098 feet/foot between monitoring wells MW-4 and MW-7. The depths to ground water in the telescoping monitoring wells during the January 2019 gauging event ranged from 3.51 to 66.36 feet below the top of casings. Ground water elevations in the telescoping monitoring wells relative to a temporary benchmark with an assumed datum of 100.00 feet ranged from 43.96 to 97.64 feet. Based on this data, the general direction of ground water flow in the telescoping wells was to the west with an average horizontal gradient that was approximately 0.019 feet/foot between monitoring wells MW-31I and TW-1. The vertical hydraulic gradients calculated for paired Type III wells and telescoping wells ranged from 0.006 feet per foot downward for MW-17/TW-2 to 0.008 feet per foot upward for MW-22/TW-5. In general, the vertical gradient was downward across the site with the exception of paired wells MW-22/TW-5 and MW-16/TW-1. A Site Vicinity Map showing the location of water supply well PW-3 has been included as **Figure 2**. A Site Map showing the locations of the monitoring wells and the structures on-site has been included as **Figure 3**. Potentiometric Surface Maps based on the January 2019 data for the shallow (MW-15 to MW-31) Type III monitoring wells, intermediate (MW-1 to MW-14) Type III monitoring wells, and telescoping wells have been included as **Figures 4** through **6**, respectively. Summaries of ground water elevation data for the January 2019 gauging event are presented in **Table 1**.

Laboratory analyses were performed on the ground water samples collected from the monitoring wells during the January and February 2019 sampling event for BTEX, MTBE, 1,2-DCA, naphthalene and eight (8) oxygenates using EPA Method 8260 and EDB using EPA Method 8011. Ground water samples collected from one water supply well (PW-3) were submitted for laboratory analyses including BTEX, MTBE, naphthalene and 1, 2-DCA by EPA Method 524.2, 8 oxygenates by EPA Method 8260 and EDB using EPA Method 504.1. Concentrations of one or more BTEX constituents, MTBE, naphthalene, 1,2-DCA and/or EDB that exceeded the risk based screening levels (RBSLs) were reported in the ground water samples collected from MW-1, MW-4, MW-11 through MW-15, MW-20 through MW-23, MW-28 through MW-31, MW-28I through MW-31I, TW-4 and TW-5. Concentrations of oxygenates TAA and/or TBA that exceeded the action levels were reported in the ground water samples collected from MW-1, MW-11 through MW-15, MW-20 through MW-23, MW-28, MW-29, MW-31, MW-28I though MW-31I, TW-4 and TW-5. No detectable concentrations of requested method constituents were reported for the sample collected from water supply well PW-3. Ground Water Quality Maps based on data from the January and February 2019 sampling event have been included as **Figures 7, 8** and **9**. Summaries of ground water sample analytical results are presented in **Tables 2** and **3**. A complete laboratory analytical report is

attached as **Appendix A**. Ground water gauging and sampling field data information sheets have been included as **Appendix B**. A disposal manifest for purge water generated during the sampling activities has been included as **Appendix C**.

4.0 QA/QC

Monitoring well gauging, purging and sampling were conducted in general accordance with the SCDHEC Programmatic QAPP and the approved site specific Contractor Addendum. All sampling equipment was properly decontaminated between each sampling location. All wells were sampled with dedicated disposable bailers. All field measurement equipment was properly decontaminated between sampling locations. Duplicate samples from monitoring wells MW-1 (DUP A), MW-14 (DUP B), MW-21 (DUP C) and water supply well PW-3 (DUP D) and field blanks were collected during the sampling activities. Laboratory supplied trip blanks were included in the sample cooler. Laboratory results for MW-1 and MW-1DUP A, MW-14 and MW-14 DUP B, MW-21 and MW-21 DUP C, and PW-3 and PW-3 DUP D showed the same compounds at similar concentrations, with the exception of TBA in MW-14, which was not detected. No detectable concentrations of requested method constituents were reported in water supply well sample PW-3, PW-3 DUP D, field blanks or trip blanks. All applicable items on the Contractor Checklist were reviewed and verified. A copy of the Contractor Checklist is included as **Appendix D**.

5.0 CONCLUSIONS AND RECOMMENDATIONS

- Thirty-one Type III monitoring wells, fourteen intermediate monitoring wells and ten telescoping wells were gauged, purged and sampled between January 30 and February 1, 2019. Water supply well PW-3 was also sampled on February 1, 2019.
- No measurable amount of free product was detected in any of the monitoring wells or telescoping wells at the site.
- Shallow, intermediate and deep ground water flow was toward the west. The vertical hydraulic gradient was generally downward.
- Concentrations of one or more BTEX constituents, MTBE, naphthalene, 1,2-DCA and/or EDB that exceeded the RBSLs were reported in the ground water samples collected from MW-1, MW-4, MW-11 through MW-15, MW-20 through MW-23, MW-28 through 31, MW-28I through MW-31I, TW-4 and TW-5. Concentrations of oxygenates TAA and/or TBA that exceeded the action levels were reported in the ground water samples collected from MW-1, MW-11 through MW-15, MW-20 through MW-23, MW-28, MW-29, MW-31, MW-28I through MW-31I, TW-4 and TW-5.

- No detectable concentrations were reported for the samples collected from water supply well PW-3.
- GRI makes the following recommendations:
    - Ground water sampling at the site should continue as directed by the SCDHEC.

6.0 LIMITATIONS

This report has been prepared for the exclusive use of Mr. Michael Wallace, the owner and operator of the Carolina Country Convenience facility and the SCDHEC for specific application to the referenced site in Chesterfield County, South Carolina. The activities were conducted based on the scope of work and level of effort specified by the SCDHEC and with resources adequate only for that scope of work. Our findings have been developed in accordance with generally accepted standards of geology and hydrogeology practices in the State of South Carolina, available information, and our professional judgment. No other warranty is expressed or implied.

The data that are presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. In addition, the data obtained from samples would be interpreted as being meaningful with respect to parameters indicated in the laboratory report. No additional information can logically be inferred from these data. Please note that certain information contained in this report was not obtained under the direct supervision of GRI personnel. Therefore, GRI cannot verify the accuracy of this information. However, for the purpose of this report, GRI assumes the information is correct.

FIGURES

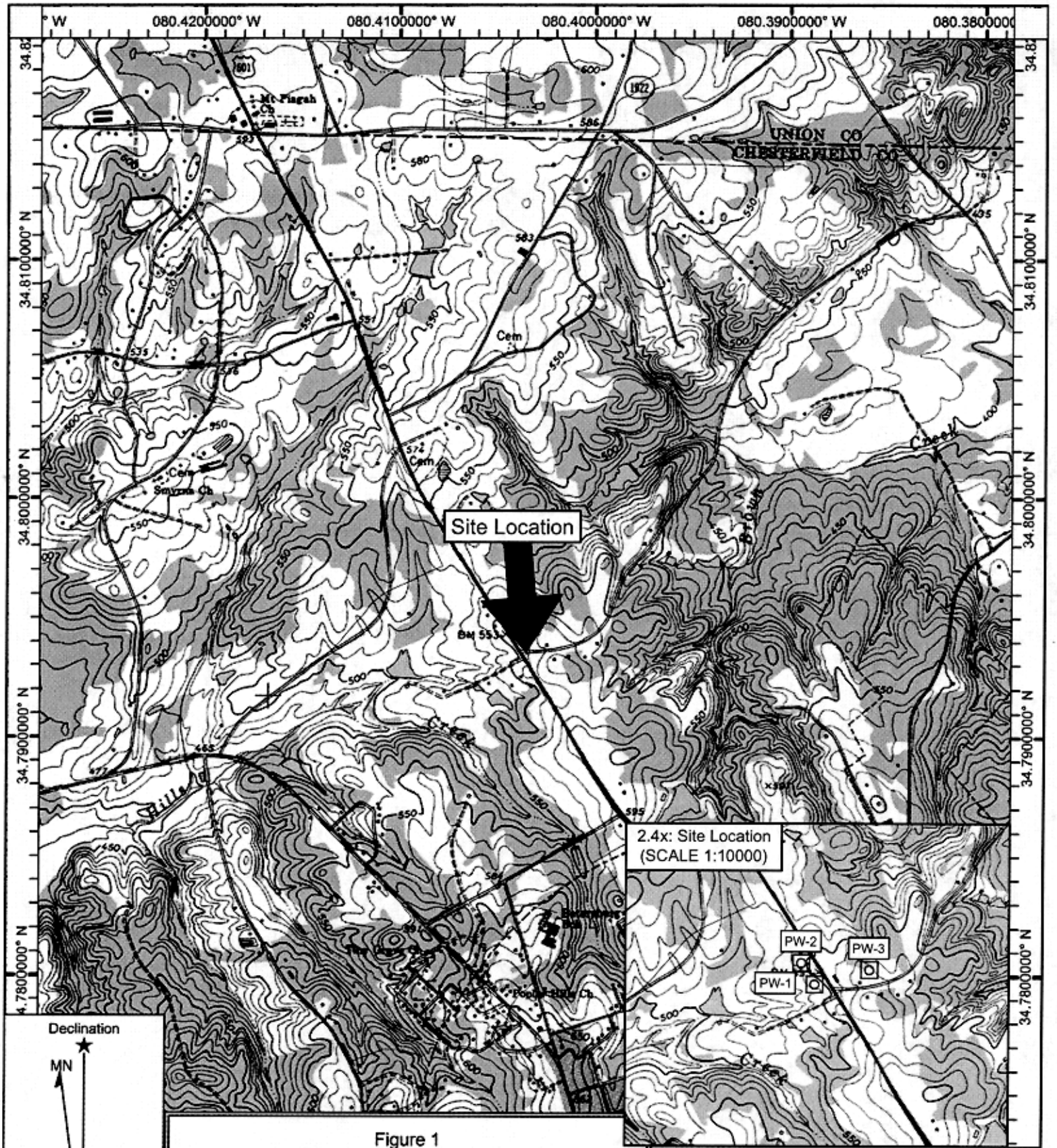


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

Name: Topographic Map
Date: 04/19/16
Scale: 1 inch = 2,000 ft.

Map Center Location: 034.7940878° N 080.4035483° W

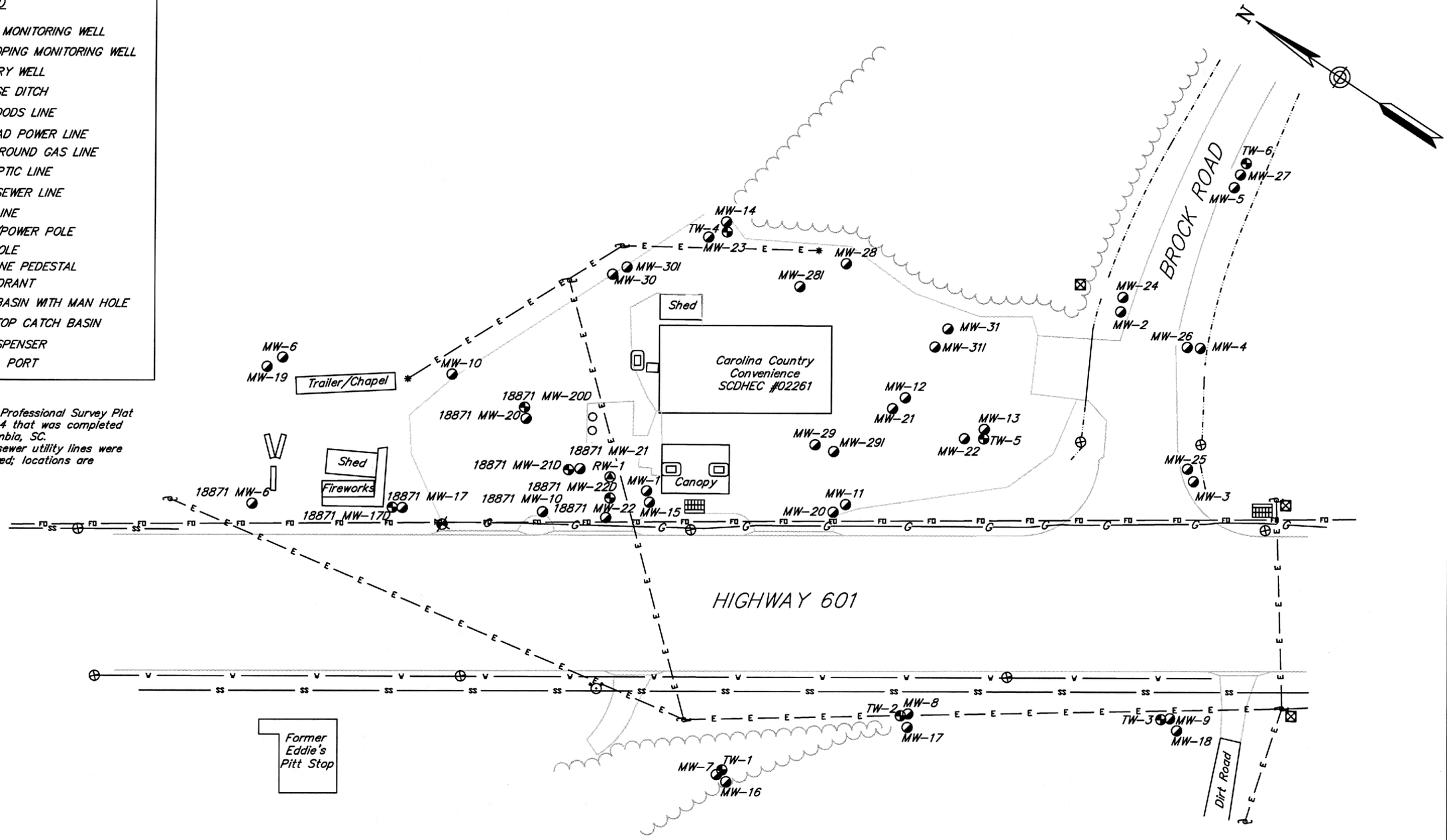
Generated by Geological Resources, Inc.

N
LEGEND
Water Supply Well
030-000-000-005
Parcel ID Number
Outline of Pond
0
100
200
400
Feet
SCALE: 1 INCH = 200 FEET
PW-2
PW-1
030-000-000-003
030-000-000-005
030-000-000-004
030-000-000-007
PW-3
SITE
030-000-000-006
BROCK ROAD
HIGHWAY 601 NORTH
019-000-000-038
030-000-000-008
030-000-000-012
POND
1,000-FT RADIUS
POND
FIGURE 2
SITE VICINITY MAP
CAROLINA COUNTRY CONVENIENCE
1908 HIGHWAY 601 NORTH
PAGELAND, CHESTERFIELD COUNTY
SOUTH CAOLINA
UST PERMIT NO. 02261
GRI PROJECT NO. 3289
PREPARED BY:
GEOLOGICAL RESOURCES INC.
AUGUST 5, 2016
Geological Resources, Inc.
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

Note:
1. This Map is based on a Professional Survey Plat dated December 17, 2014 that was completed by Jay S. Joshi of Columbia, SC.
2. Fiber optic, water, and sewer utility lines were not professionally surveyed; locations are approximate.



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

SITE MAP

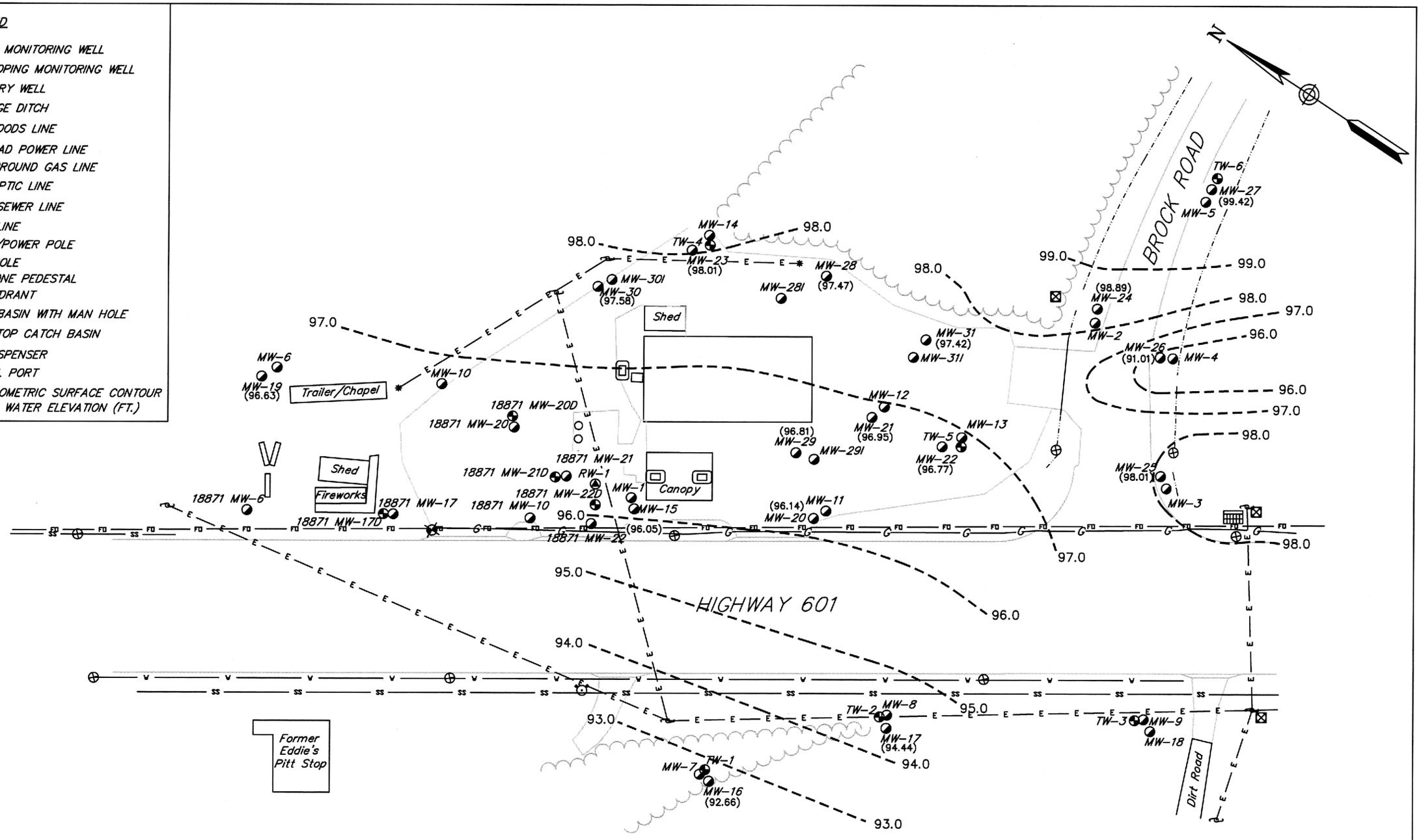
Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	02/27/19	Drawn by:	DTH	Figure:	3

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT
- 93.0 — POTENTIOMETRIC SURFACE CONTOUR
- (76.53) — GROUND WATER ELEVATION (FT.)



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

POTENTIOMETRIC SURFACE MAP – SHALLOW WELLS (01/30/19)

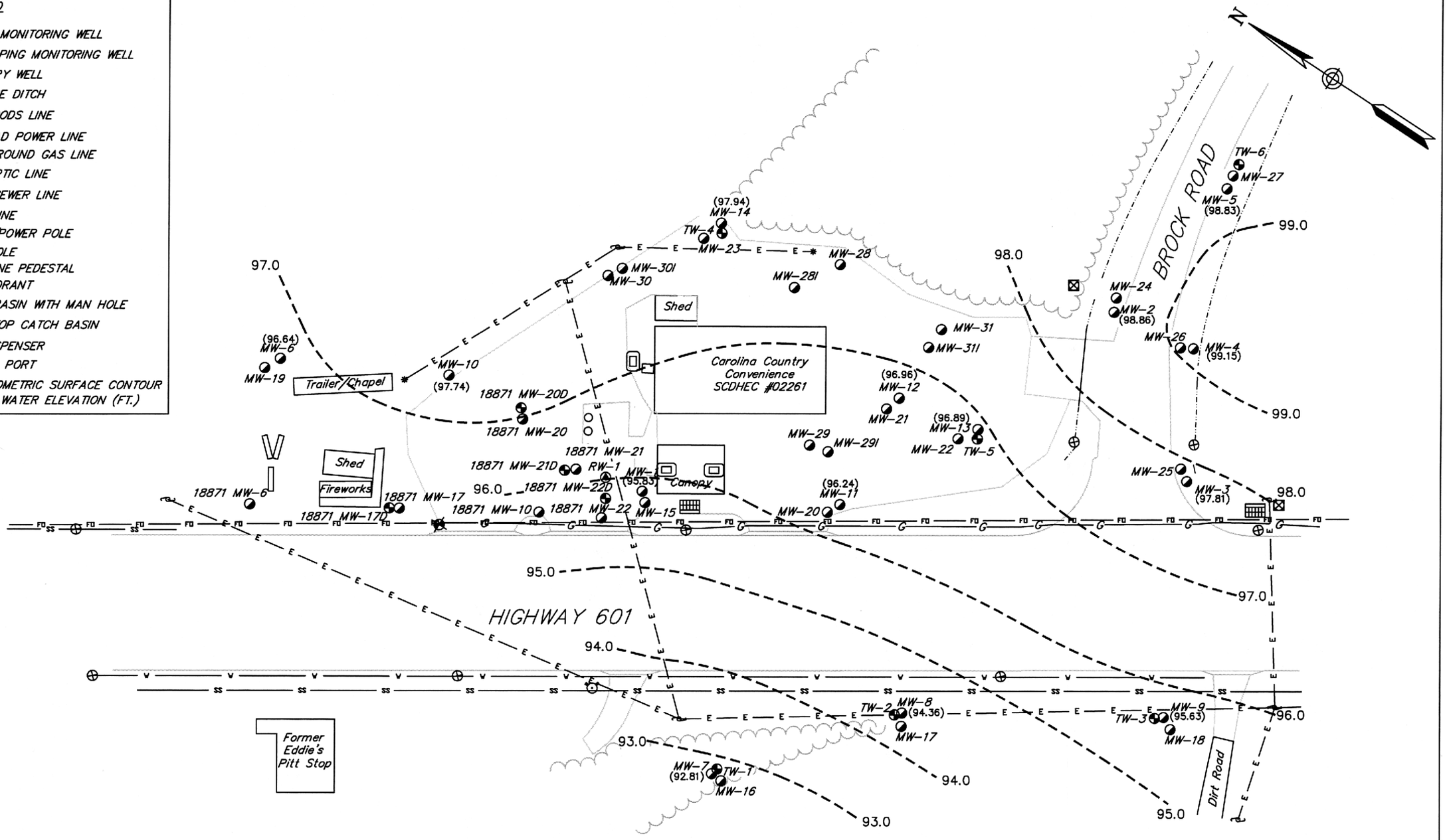
Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	03/03/19	Drawn by:	DTH	Figure:	4

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT
- 93.0 — POTENTIOMETRIC SURFACE CONTOUR
- (76.53) GROUND WATER ELEVATION (FT.)



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

POTENTIOMETRIC SURFACE MAP – INTERMEDIATE WELLS (01/30/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	02/27/19	Drawn by:	DTH	Figure:	5

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- E — E — OVERHEAD POWER LINE
- G — UNDERGROUND GAS LINE
- FO — FIBER OPTIC LINE
- SS — STORM SEWER LINE
- W — WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT
- 93.0 (76.53) POTENTIOMETRIC SURFACE CONTOUR / GROUND WATER ELEVATION (FT.)

N

BROCK ROAD

HIGHWAY 601

Dirt Road

Trailer/Chapel

Shed

Fireworks

Shed

Carolina Country Convenience SCDHEC #02261

Canopy

Former Eddie's Pitt Stop

MW-6
MW-19
MW-10
18871 MW-20D
18871 MW-20
18871 MW-6
18871 MW-17
18871 MW-17D
18871 MW-21
18871 MW-21D
RW-1
18871 MW-22D
18871 MW-10
18871 MW-22
MW-1
MW-15
(97.64) MW-14
TW-4
MW-23
(97.31) MW-30I
MW-30
MW-28
MW-28I
(97.31)
MW-31
MW-31I
(97.24)
MW-12
MW-21
MW-29
MW-29I
(96.62)
MW-22
MW-13
TW-5
(97.22)
MW-11
MW-20
TW-6
MW-27
MW-5
MW-24
MW-2
MW-26
MW-4
MW-25
MW-3
(94.12) MW-8
TW-2
MW-17
TW-3
(95.49)
MW-9
MW-18
(92.83) TW-1
MW-7
MW-16

96.0
97.0
95.0
94.0
93.0

0 25 50 100
(IN FEET)
1 inch = 50 ft

Geological Resources, Inc.

POTENTIOMETRIC SURFACE MAP – TELESCOPING WELLS (01/30/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	03/03/19	Drawn by:	DTH	Figure:	6

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- E — E — OVERHEAD POWER LINE
- G — UNDERGROUND GAS LINE
- FO — FIBER OPTIC LINE
- SS — STORM SEWER LINE
- W — WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

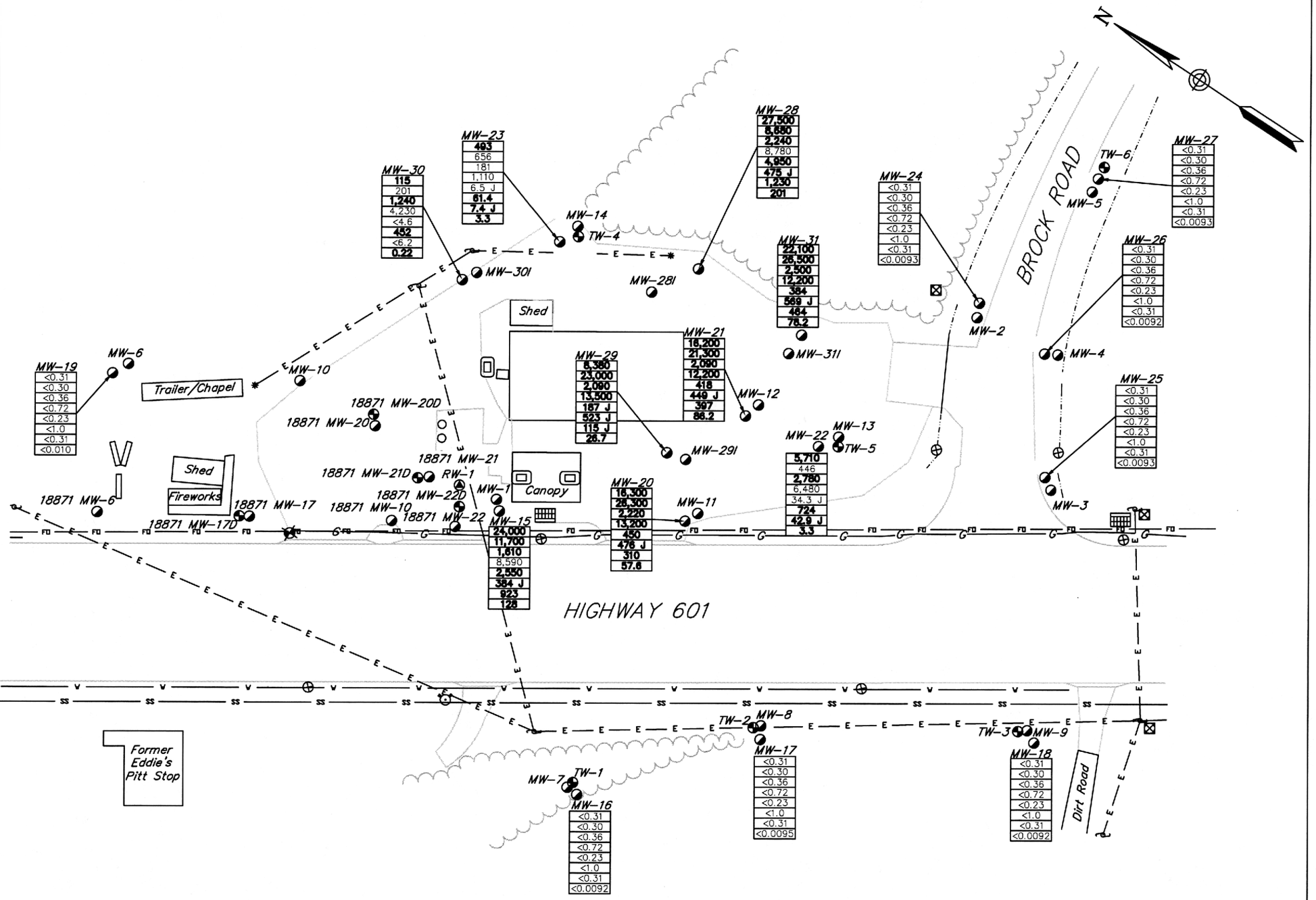
24,000	BENZENE
11,700	TOLUENE
1,610	ETHYLBENZENE
8,590	XYLENES
2,550	MTBE
384 J	NAPHTHALENE
923	1,2-DCA
128	EDB

CONCENTRATIONS IN µg/L

<0.20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

CONCENTRATIONS IN BOLD FACE TYPE EXCEEDED THE RBSL



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

GROUND WATER QUALITY MAP – SHALLOW WELLS (01/30/19–02/01/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date: 03/03/19 | Drawn by: DTH | Figure: 7

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

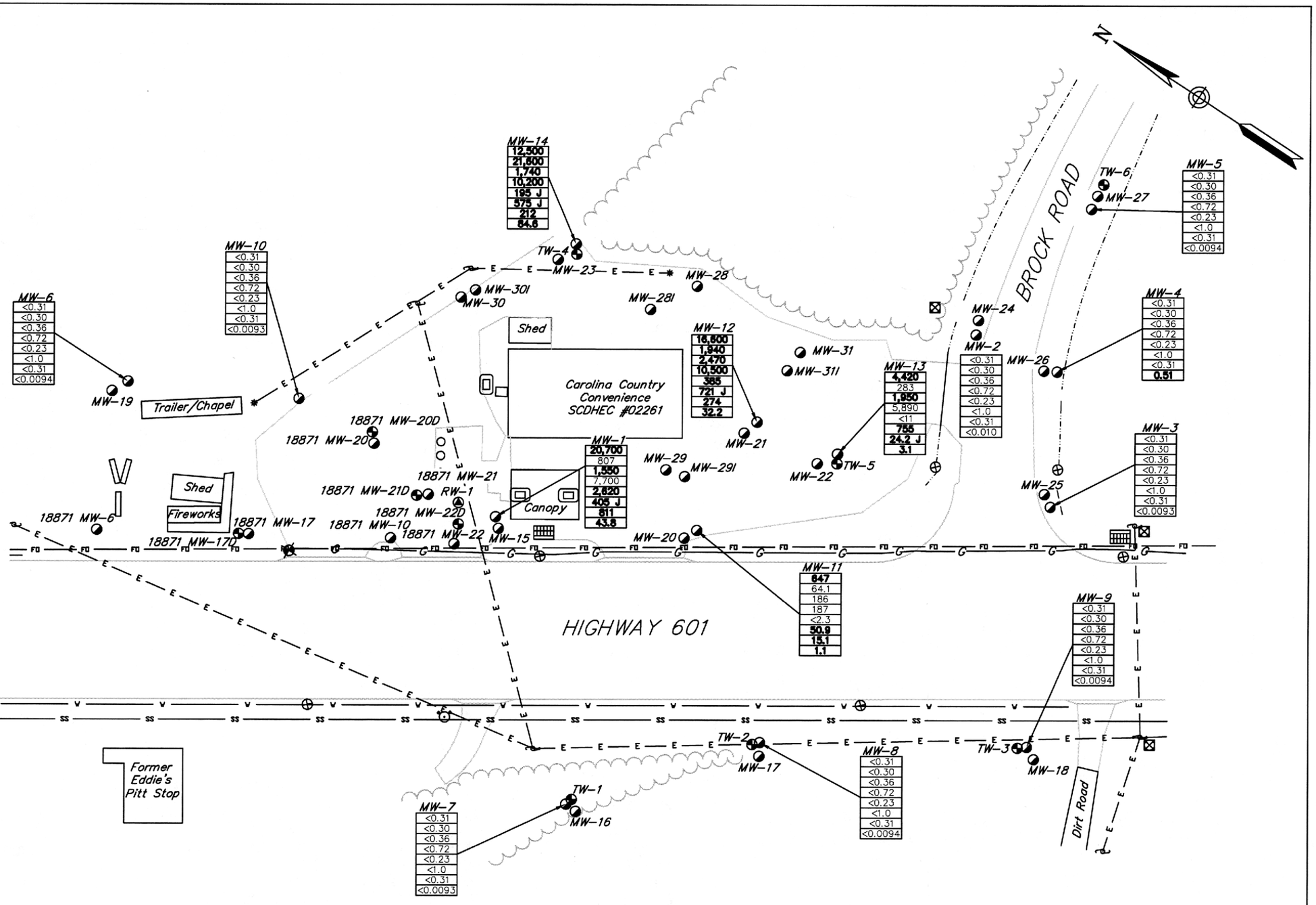
20,700	BENZENE
807	TOLUENE
1,550	ETHYLBENZENE
7,700	XYLENES
2,820	MTBE
405 J	NAPHTHALENE
611	1,2-DCA
43.8	EDB

CONCENTRATIONS IN µg/L

<0.20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

CONCENTRATIONS IN BOLD FACE TYPE EXCEEDED THE RBSL



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

GROUND WATER QUALITY MAP – INTERMEDIATE WELLS (01/30/19–02/01/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	03/03/19	Drawn by:	DTH	Figure:	8

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

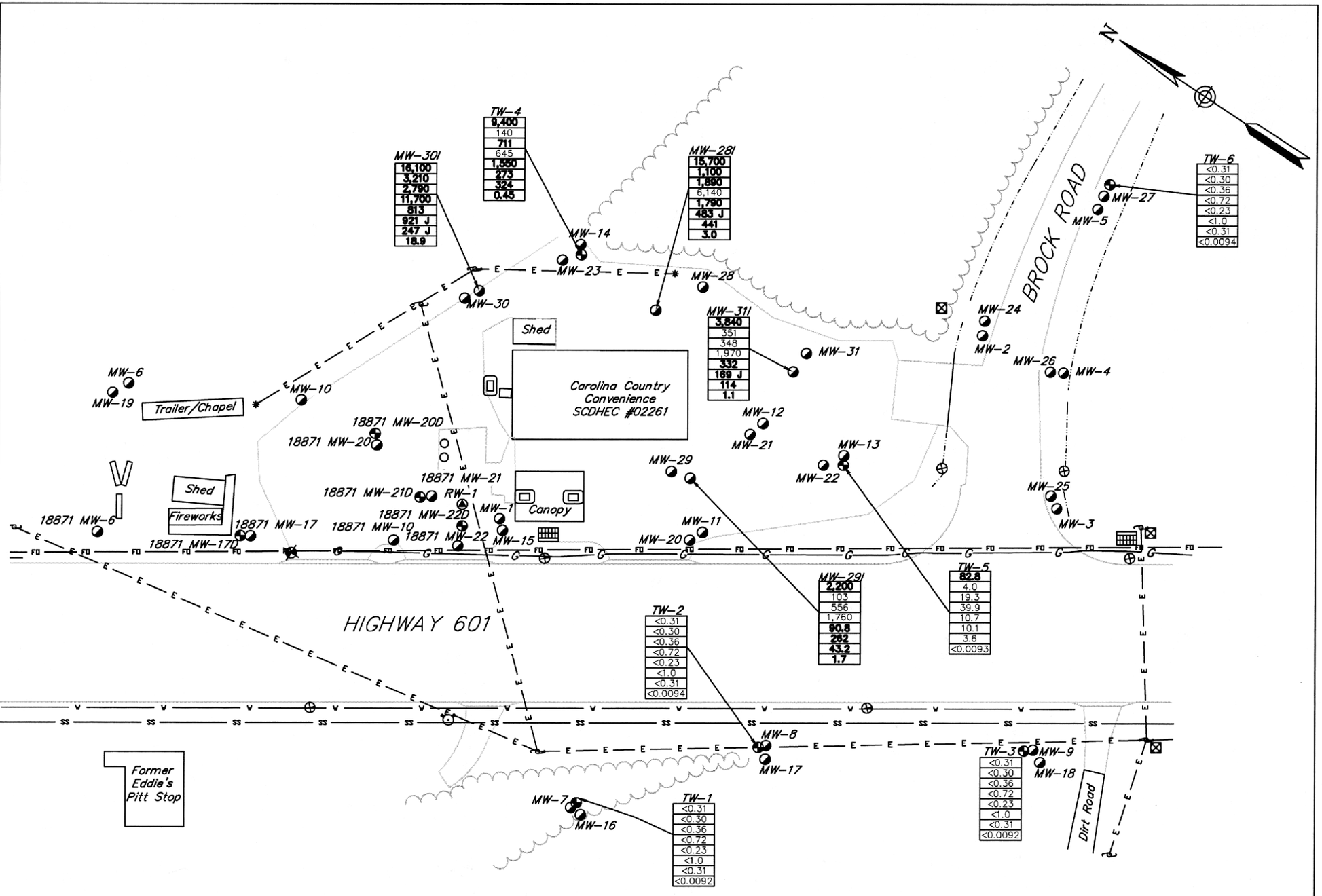
<0.31	BENZENE
<0.30	TOLUENE
<0.36	ETHYLBENZENE
<0.72	XYLENES
<0.23	MTBE
<1.0	NAPHTHALENE
<0.31	1,2-DCA
<0.0094	EDB

CONCENTRATIONS IN µg/L

<0.20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

CONCENTRATIONS IN BOLD FACE TYPE EXCEEDED THE RBSL



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

GROUND WATER QUALITY MAP – TELESCOPING WELLS (01/30/19–02/01/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	03/03/19	Drawn by:	DTH	Figure:	9

TABLES

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-1	08/09/13	NM	---	12.39	---	---	35	25-35	
	11/18/14	101.09	---	23.88	---	77.21			
	04/27/15		---	10.91	---	90.18			
	11/23/15		---	13.75	---	87.34			
	07/26/16		---	22.02	---	79.07			
	04/10/18		---	18.21	---	82.88			
	01/30/19			5.26		95.83			
02261 MW-2	11/18/14	105.45	---	29.17	---	76.28	42	37-42	
	04/27/15		---	14.88	---	90.57			
	11/23/15		---	20.00	---	85.45			
	07/26/16		---	28.67	---	76.78			
	04/10/18		---	23.47	---	81.98			
	01/30/19			6.59		98.86			
02261 MW-3	11/18/14	102.34	---	25.80	---	76.54	42	37-42	
	04/27/15		---	11.45	---	90.89			
	11/23/15		---	16.54	---	85.80			
	07/26/16		---	25.09	---	77.25			
	04/10/18		---	20.10	---	82.24			
	01/30/19			4.53		97.81			
02261 MW-4	11/18/14	103.89	---	27.43	---	76.46	42	37-42	
	04/27/15		---	13.93	---	89.96			
	11/23/15		---	19.00	---	84.89			
	07/26/16		---	21.87	---	82.02			
	04/10/18		---	21.69	---	82.20			
	01/30/19			4.74		99.15			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-5	11/18/14	109.60	---	33.30	---	76.30	42	37-42	
	04/27/15		---	20.20	---	89.40			
	11/23/15		---	24.49	---	85.11			
	07/26/16		---	30.63	---	78.97			
	04/10/18		---	27.60	---	82.00			
	01/30/19			10.77		98.83			
02261 MW-6	11/18/14	101.00	---	20.86	---	80.14	35	30-35	
	04/27/15		---	8.43	---	92.57			
	11/23/15		---	5.87	---	95.13			
	07/26/16		---	16.69	---	84.31			
	04/10/18	100.93	---	16.53	---	84.40			
	01/30/19			4.29		96.64			
02261 MW-7	11/18/14	96.55	---	20.60	---	75.95	30	25-30	
	04/27/15		---	7.17	---	89.38			
	11/23/15		---	9.68	---	86.87			
	07/26/16		---	19.88	---	76.67			
	04/10/18		---	15.15	---	81.40			
	01/30/19			3.74		92.81			
02261 MW-8	11/18/14	97.79	---	20.75	---	77.04	30	25-30	
	04/27/15		---	7.79	---	90.00			
	11/23/15		---	9.02	---	88.77			
	07/26/16		---	20.15	---	77.64			
	04/10/18		---	15.25	---	82.54			
	01/30/19			3.43		94.36			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-9	11/18/14	101.45	---	25.04	---	76.41	30	25-30	
	04/27/15		---	11.09	---	90.36			
	11/23/15		---	15.43	---	86.02			
	07/26/16		---	24.18	---	77.27			
	04/10/18		---	19.61	---	81.84			
	01/30/19			5.82		95.63			
02261 MW-10	11/18/14	102.08	---	24.02	---	78.06	35	30-35	
	04/27/15		---	12.66	---	89.42			
	11/23/15		---	11.30	---	90.78			
	07/26/16		---	23.42	---	78.66			
	04/10/18		---	17.43	---	84.65			
	01/30/19			4.34		97.74			
02261 MW-11	11/18/14	101.41	---	24.63	---	76.78	35	30-35	
	04/27/15		---	13.60	---	87.81			
	11/23/15		---	17.33	---	84.08			
	07/26/16		---	24.00	---	77.41			
	04/10/18		---	18.94	---	82.47			
	08/23/18		---	32.04	---	69.37			
	01/30/19			5.17		96.24			
02261 MW-12	11/18/14	103.43	---	26.88	---	76.55	35	30-35	
	04/27/15		---	13.12	---	90.31			
	11/23/15		---	18.67	---	84.76			
	07/26/16		---	25.88	---	77.55			
	04/10/18		---	21.02	---	82.41			
	08/23/18		---	33.93	---	69.50			
	01/30/19			6.47		96.96			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-13	11/18/14	102.12	---	25.53	---	76.59	35	30-35	
	04/27/15		---	11.52	---	90.60			
	11/23/15		---	17.26	---	84.86			
	07/26/16		---	24.74	---	77.38			
	04/10/18		---	19.79	---	82.33			
	08/23/18		---	32.83	---	69.29			
	01/30/19			5.23		96.89			
02261 MW-14	11/18/14	104.11	---	27.80	---	76.31	35	30-35	
	04/27/15		---	15.93	---	88.18			
	11/23/15		---	19.39	---	84.72			
	07/26/16		---	27.54	---	76.57			
	04/10/18		---	22.13	---	81.98			
	08/23/18		---	34.07	---	70.04			
	01/30/19			6.17		97.94			
02261 MW-15	04/10/18	101.01	---	17.95	---	83.06	25	15-25	
	01/30/19			4.96		96.05			
02261 MW-16	04/10/18	93.76	---	12.31	---	81.45	25	15-25	
	01/30/19			1.10		92.66			
02261 MW-17	04/10/18	95.32	---	11.33	---	83.99	25	15-25	
	01/30/19			0.88		94.44			
02261 MW-18	04/10/18	97.70	---	16.89	---	80.81	24	14-24	
	01/30/19			24.39		73.31			
02261 MW-19	04/10/18	100.86	---	22.56	---	78.30	30	15-30	
	01/30/19			4.23		96.63			
02261 MW-20	04/10/18	101.50	---	19.16	---	82.34	30	15-30	
	08/23/18		---	29.65	---	71.85			
	01/30/19			5.36		96.14			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-21	04/10/18	103.41	---	21.00	---	82.41	30	15-30	
	08/23/18		---	29.52	---	73.89			
	01/30/19			6.46		96.95			
02261 MW-22	04/10/18	102.01	---	19.71	---	82.30	30	15-30	
	08/23/18		---	29.36	---	72.65			
	01/30/19			5.24		96.77			
02261 MW-23	04/10/18	103.98	---	21.71	---	82.27	30	15-30	
	08/23/18		---	29.82	---	74.16			
	01/30/19			5.97		98.01			
02261 MW-24	04/10/18	105.46	---	23.49	---	81.97	37	12-37	
	01/30/19			6.57		98.89			
02261 MW-25	04/10/18	102.33	---	20.08	---	82.25	37	12-37	
	01/30/19			4.32		98.01			
02261 MW-26	04/10/18	103.87	---	21.61	---	82.26	37	12-37	
	01/30/19			12.86		91.01			
02261 MW-27	04/10/18	109.95	---	28.12	---	81.83	37	12-37	
	01/30/19			10.53		99.42			
02261 MW-28	08/21/18	104.81	---	Dry	---	NM	30	15-30	
	09/18/18		---	27.95	---	76.86			
	01/30/19			7.34		97.47			
02261 MW-29	08/21/18	102.75	---	Dry	---	NM	30	15-30	
	09/18/18		---	Dry	---	NM			odor
	01/30/19			5.94		96.81			
02261 MW-30	08/21/18	103.35	---	Dry	---	NM	30	15-30	
	09/18/18		---	Dry	---	NM			
	01/30/19			5.77		97.58			
02261 MW-31	08/21/18	103.48	---	Dry	---	NM	30	15-30	
	09/18/18		---	Dry	---	NM			odor
	01/30/19			6.06		97.42			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 MW-28I	08/23/18	104.27	---	37.02	---	67.25	56	51-56	High stick up/ odor
	09/18/18		---	37.51	---	66.76			
	01/30/19			6.96		97.31			
02261 MW-29I	08/23/18	102.70	---	36.44	---	66.26	56	51-56	odor
	09/18/18		---	34.91	---	67.79			
	01/30/19			6.08		96.62			
02261 MW-30I	08/23/18	103.28	NM	NM	0.03	NM	56	51-56	Confirmed with bailer
	09/18/18		36.16	36.20	0.04	67.08			
	01/30/19			5.97		97.31			
02261 MW-31I	08/23/18	103.48	---	41.32	---	62.16	56	51-56	High stick up/ odor
	09/18/18		---	36.38	---	67.10			
	01/30/19			6.24		97.24			
02261 TW-1	11/18/14	96.74	---	20.91	---	75.83	56	51-56	
	04/27/15		---	7.80	---	88.94			
	11/23/15		---	10.62	---	86.12			
	07/26/16		---	20.21	---	76.53			
	04/10/18		---	15.51	---	81.23			
	01/30/19			3.91		92.83			
02261 TW-2	11/18/14	97.63	---	21.72	---	75.91	56	51-56	
	04/27/15		---	8.12	---	89.51			
	11/23/15		---	12.27	---	85.36			
	07/26/16		---	21.07	---	76.56			
	04/10/18		---	16.34	---	81.29			
	01/30/19			3.51		94.12			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
02261 TW-3	11/18/14	101.30	---	25.01	---	76.29	56	51-56	
	04/27/15		---	10.90	---	90.40			
	11/23/15		---	15.43	---	85.87			
	07/26/16		---	24.13	---	77.17			
	04/10/18		---	19.48	---	81.82			
	01/30/19			5.81		95.49			
02261 TW-4	11/18/14	104.00	---	27.44	---	76.56	61	56-61	
	04/27/15		---	14.17	---	89.83			
	11/23/15		---	16.99	---	87.01			
	07/26/16		---	27.61	---	76.39			
	04/10/18		---	22.10	---	81.90			
	01/30/19			6.36		97.64			
02261 TW-5	11/18/14	102.09	---	25.47	---	76.62	61	56-61	
	04/27/15		---	11.94	---	90.15			
	11/23/15		---	16.41	---	85.68			
	07/26/16		---	23.21	---	78.88			
	04/10/18		---	19.72	---	82.37			
	01/30/19			4.87		97.22			
02261 TW-6	04/27/15	110.32	---	19.17	---	91.15	68	63-68	
	11/23/15		---	25.04	---	85.28			
	07/26/16		---	33.65	---	76.67			
	04/10/18		---	28.46	---	81.86			
	01/30/19			66.36		43.96			
18871 MW-10	11/18/14	100.03	---	19.70	---	80.33	35	25-35	
	11/23/15		---	17.66	---	82.37			
18871 MW-20	11/18/14	101.77	---	23.18	---	78.59	35	25-35	
	11/23/15		---	19.66	---	82.11			
18871 MW-20D	11/18/14	101.93	---	27.53	---	74.40	60	55-60	
	11/23/15		---	13.23	---	88.70			

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)	Comments
18871 MW-21	11/18/14	101.00	---	21.56	---	79.44	35	25-35	
	11/23/15		---	12.38	---	88.62			
18871 MW-21D	11/18/14	101.04	---	18.68	---	82.36	60	55-60	
	11/23/15		---	15.69	---	85.35			
18871 MW-22	11/18/14	100.24	---	23.16	---	77.08	35	25-35	
	11/23/15		---	12.61	---	87.63			
18871 MW-22D	11/18/14	100.55	---	23.81	---	76.74	60	55-60	
	11/23/15		---	12.91	---	87.64			

Notes:

- Elevations relative to temporary benchmark set at 100.00 ft ; data reported in feet.
- NM: Not measured.

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		5	1,000	700	10,000	40	25	5	0.05	15
02261 MW-1	08/09/13	**19,000**	**7,150**	**1,700**	8,910	**2,360**	**469 J**	**794**	**104**	7.9
	11/19/14	**23,400**	**10,200**	**1,780**	9,590	**2,900**	**520 J**	**934**	**123**	6.5
	04/27/15	**20,100**	**13,000**	**1,380**	6,830	**2,030**	**640 J**	**683**	**113**	NR
	11/23/15	**18,400**	**3,730**	**1,410**	7,350	**1,860**	**322 J**	**700**	**67.4**	NR
	07/26/16	**15,800**	**6,970**	**1,060**	5,440	**1,980**	**122 J**	**625**	**121**	NR
	04/11/18	**9,730**	452	**766**	4,250	**1,050**	**195 J**	**354**	**32.7**	NR
	01/30/19	**20,700**	807	**1,550**	7,700	**2,620**	**405 J**	**811**	**43.8**	NR
02261 MW-1 DUP	08/09/13	**19,700**	**7,910**	**1,710**	9,110	**2,440**	**494 J**	**820**	**107**	12 2
	11/19/14	**22,100**	**10,400**	**1,640**	9,020	**2,640**	**665 J**	**873**	**138**	**56.3**
	04/27/15	**18,900**	**13,100**	**1,310**	6,680	**2,010**	**449 J**	**617**	**131**	NR
	07/26/16	**7,890**	**13,100**	**1,650**	8,820	**2,070**	**450 J**	**681**	**88.6**	NR
02261 MW-1 DUP-A	01/30/19	**22,400**	812	**1,650**	8,140	**2,950**	**453**	**802**	**41.1**	NR
02261 MW-2	11/18/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	0 046	**106**
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1 0	<0 20	<0 0098	NR
	11/23/15	1.1	1.1	0 51 J	1.9 J	<0.30	<1 0	<0.20	0.030	NR
	07/26/16	<0 20	<0.20	<0.25	<0.56	<0.20	<1.0	<0 28	<0.0097	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1 0	<0.31	<0 0095	NR
	01/31/19	<0 31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.010	NR
02261 MW-3	11/18/14	<0 24	<0.20	<0.28	<0.66	<0.20	<1.0	<0 24	0.028	**49.4**
	04/27/15	<0.20	<0.40	<0 20	<0.51	<0.30	<1.0	<0.20	0.025	NR
	11/23/15	<0 20	<0.40	<0.20	<0 51	<0 30	<1.0	<0.20	**0.096**	NR
	07/26/16	0.38 J	0.24 J	<0 25	<0.56	<0.20	<1.0	<0.28	<0.0097	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0 31	<0.0092	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-4	11/18/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0 24	0.020	**48.9**
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0 20	<0 0095	NR
	11/23/15	<0.20	<0 40	<0 20	<0.51	<0.30	<1 0	<0 20	**0.10**	NR
	07/26/16	0.23 J	<0.20	<0.25	<0.56	<0.20	<1 0	<0 28	<0.0097	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	**0.30**	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1 0	<0 31	**0.51**	NR
02261 MW-5	11/18/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1 0	<0.24	<0.0095	<5.0
	04/27/15	<0.20	<0.40	<0.20	<0 51	<0.30	<1 0	<0.20	<0.0098	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1 0	<0.28	<0.0097	NR
	04/11/18	<0 31	<0.30	<0.36	<0 72	<0.23	<1.0	<0.31	<0.0095	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1 0	<0.31	<0.0094	NR
00261 MW-5 DUP	04/27/15	<0.50	<1.0	<0.50	<1.3	<0 75	<2 5	<0.50	<0 0096	NR
02261 MW-6	11/18/14	<0.24	<0.20	<0.28	<0.66	0.67 J	<1.0	<0 24	<0 0096	7.1
	04/27/15	<0 20	<0.40	<0.20	<0.51	<0 30	<1.0	<0.20	<0 0097	NR
	11/23/15	<0 20	<0.40	<0.20	<0.51	<0.30	<1 0	<0.20	<0.0094	NR
	07/26/16	<0 20	<0.20	<0.25	<0.56	<0.20	<1 0	<0.28	<0.0098	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	01/30/19	<0.31	<0.30	<0 36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		5	1,000	700	10,000	40	25	5	0.05	15
02261 MW-7	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1 0	<0 24	<0.0094	5 9
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1 0	<0.20	<0 0097	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1 0	<0.28	<0 0099	NR
	04/10/18	<0.31	<0 30	<0.36	<0.72	<0.23	<1 0	<0.31	<0.0095	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1 0	<0 31	<0 0093	NR
02261 MW-8	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1 0	<0.24	<0.0094	<5.0
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1 0	<0.20	<0.0091	NR
	11/23/15	<0.20	<0 40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR
	07/26/16	<0.20	<0 20	<0.25	<0.56	<0 20	<1.0	<0.28	<0.0097	NR
	04/10/18	<0 31	<0.30	<0.36	<0.72	<0.23	<1.0	<0 31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0 36	<0.72	<0.23	<1.0	<0.31	<0 0094	NR
02261 MW-9	11/20/14	<0.24	<0.20	<0 28	<0.66	<0.20	<1.0	<0.24	<0.0094	6.6
	04/27/15	<0.20	<0.40	<0 20	<0.51	<0 30	<1 0	<0.20	<0.0094	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0 20	<0.0096	NR
	07/26/16	<0 20	<0.20	<0 25	<0 56	<0 20	<1.0	<0 28	<0.0096	NR
	04/10/18	<0 31	<0.30	<0.36	<0.72	<0 23	<1.0	<0.31	<0 0093	NR
	02/01/19	<0.31	<0.30	<0 36	<0.72	<0.23	<1.0	<0 31	<0.0094	NR
02261 MW-10	11/18/14	**9.3**	<0.20	<0.28	3.4	0.83 J	<1.0	0.34 J	<0.0094	9 9
	04/27/15	2.0	<0 40	<0 20	<0.51	0.32 J	<1.0	<0 20	<0 0093	NR
	11/23/15	**2,900**	<20	**715**	1,750	**170**	**251**	**54.5**	**1.9**	NR
	07/26/16	4.1	0 48 J	<0.25	<0.56	0.41 J	<1.0	<0.28	<0.0096	NR
	04/11/18	<0.31	<0.30	<0.36	<0 72	<0.23	<1 0	<0.31	<0.0095	NR
	01/30/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-11	11/19/14	**18,100**	**6,040**	**2,590**	**12,900**	**671**	**569 J**	**530**	**44.9**	9.1
	04/27/15	**8,540**	**16,700**	**2,230**	**12,400**	**193 J**	**595 J**	**154 J**	**55.4**	NR
	11/23/15	**2,490**	**1,990**	**1,220**	7,550	<15	**432**	**69.3**	**2.1**	NR
	07/26/16	**330**	100	135	930	<1.0	**60.7**	**8.4**	**1.4**	NR
	04/11/18	**630**	89.2	172	598	<2.3	22 9 J	4.4 J	**0.62**	NR
	01/31/19	**647**	64 1	186	187	<2 3	**50.9**	**15.1**	**1.1**	NR
02261 MW-12	11/19/14	**14,400**	**19,800**	**2,230**	**12,400**	**356**	**494 J**	**308**	**81.6**	<5.0
	04/27/15	**13,800**	**21,100**	**2,190**	**11,000**	**305**	**555 J**	**271**	**77.5**	NR
	11/23/15	**15,800**	**21,400**	**2,820**	**13,600**	**262**	**426 J**	**260**	**67.3**	NR
	07/26/16	**14,000**	**18,700**	**1,920**	**11,600**	**446**	**542 J**	**393**	**98.1**	NR
	04/11/18	**13,100**	**1,880**	**1,800**	**10,100**	**315**	**453 J**	**268**	**42.4**	NR
	01/30/19	**16,600**	**1,940**	**2,470**	**10,500**	**385**	**721 J**	**274**	**32.2**	NR
02261 MW-13	11/19/14	**4,600**	478	**1,930**	6,420	**40.7 J**	**561**	**45.3 J**	**4.6**	**23.3**
	04/27/15	**4,220**	432	**2,200**	6,520	26.4 J	**848**	**29.9 J**	**4.2**	NR
	11/23/15	**4,850**	449	**2,290**	6,310	<30	**541**	**40.9 J**	**5.0**	NR
	07/26/16	**4,350**	355	**1,590**	5,980	27.9 J	**595**	**45.5 J**	**6.4**	NR
	04/11/18	**4,530**	252	**1,770**	5,290	<23	**454 J**	<31	**3.1**	NR
	02/01/19	**4,420**	283	**1,950**	5,890	<11	**755**	**24.2 J**	**3.1**	NR
00261 MW-13 DUP	11/23/15	**4,880**	417	**2,190**	6,260	<30	**531**	**42.8 J**	**4.8**	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		5	1,000	700	10,000	40	25	5	0.05	15
02261 MW-14	11/19/14	11,200	18,300	1,520	8,560	221	468 J	268	153	<5 0
	04/27/15	11,700	16,300	1,440	7,500	232	508 J	273	170	NR
	11/23/15	13,200	21,700	2,070	9,940	200	375 J	268	126	NR
	07/26/16	9,290	17,500	1,070	6,820	216	386 J	276	161	NR
	04/11/18	10,200	17,300	1,530	9,060	179 J	378 J	201	95.6	NR
	01/30/19	12,500	21,600	1,740	10,200	195 J	575 J	212	84.6	NR
02261 MW-14 DUP	11/19/14	11,500	19,300	1,710	9,230	213	461 J	261	121	7 5
	11/23/15	10,800	19,900	1,670	8,030	186 J	338 J	256	135	NR
	07/26/16	11,600	5,910	1,280	8,320	1,420	370 J	266	123	NR
	04/11/18	9,750	15,500	1,450	8,450	203	448 J	265	112	NR
	01/30/19	12,000	20,100	1,730	10,100	217	623	224	127	NR
02261 MW-15	04/11/18	26,200	8,140	2,500	12,100	2,330	369 J	942	115	NR
	01/30/19	24,000	11,700	1,610	8,590	2,550	384 J	923	128	NR
02261 MW-16	04/10/18	<0.31	0.49 J	<0 36	1 2 J	<0.23	<1.0	<0.31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1 0	<0.31	<0.0092	NR
02261 MW-17	04/10/18	<0.31	0.55 J	<0.36	2.8 J	<0.23	<1.0	<0.31	<0.0093	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
02261 MW-18	04/10/18	<0.31	0.34 J	<0.36	4.6	<0.23	<1.0	<0 31	<0.0093	NR
	02/01/19	<0.31	<0.30	<0 36	<0.72	<0.23	<1 0	<0.31	<0 0092	NR
02261 MW-19	04/11/18	2 2	15.3	2.6	22.2	0 47 J	<1.0	<0.31	<0.0094	NR
	01/30/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0 31	<0 010	NR
02261 MW-20	04/11/18	9,870	18,800	1,980	9,470	256	204 J	162 J	59.9	NR
	01/31/19	16,300	26,300	2,220	13,200	450	476 J	310	57.6	NR
02261 MW-21	04/11/18	18,300	19,300	2,790	13,800	526	400 J	416	86.8	NR
	01/30/19	16,200	21,300	2,090	12,200	418	449 J	397	86.2	NR
02261 MW-21 DUP	04/11/18	16,500	<60	2,630	12,700	520	450 J	471	73.8	NR
	01/30/19	16,700	23,400	2,260	13,000	608	617	414	84.6	NR
02261 MW-22	04/11/18	5,260	2,640	2,140	6,570	<23	330 J	43.6 J	4.3	NR
	01/31/19	5,710	446	2,780	6,480	34.3 J	724	42.9 J	3.3	NR
02261 MW-23	04/11/18	2,790	6,320	1,180	5,840	<23	228 J	33.3 J	15.2	NR
	01/30/19	493	656	181	1,110	6.5 J	61.4	7.4 J	3.3	NR
02261 MW-24	04/11/18	<0.31	0.39 J	<0.36	<0.72	<0.23	<1.0	<0.31	<0 0095	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-25	04/11/18	<0.31	<0 30	<0.36	1 8 J	<0.23	<1 0	<0.31	<0.0096	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0 0093	NR
02261 MW-26	04/11/18	<0.31	0 37 J	<0.36	0.97 J	<0.23	<1 0	<0.31	<0 0095	NR
	02/01/19	<0.31	<0.30	<0 36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
02261 MW-27	04/11/18	0.35 J	2.6	0 79 J	3.8	<0.23	<1 0	<0.31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-28	01/30/19	27,500	8,680	2,240	8,780	4,950	475 J	1,230	201	NR
02261 MW-29	01/31/19	8,380	23,000	2,090	13,500	187 J	523 J	115 J	26.7	NR
02261 MW-30	01/30/19	115	201	1,240	4,230	<4.6	452	<6.2	0.22	NR
02261 MW-31	01/30/19	22,100	26,500	2,500	12,200	384	569 J	464	78.2	NR
02261 MW-28I	01/30/19	15,700	1,100	1,890	6,140	1,790	483 J	441	3.0	NR
02261 MW-29I	01/31/19	2,200	103	556	1,760	90.8	262	43.2	1.7	NR
02261 MW-30I	01/30/19	16,100	3,210	2,790	11,700	813	921 J	247 J	18.9	NR
02261 MW-31I	01/30/19	3,840	351	348	1,970	332	169 J	114	1.1	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		5	1,000	700	10,000	40	25	5	0.05	15
02261 TW-1	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	0 045	<5 0
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR
	11/23/15	<0.20	<0 40	<0.20	<0.51	<0 30	<1.0	<0 20	**0.075**	NR
	07/26/16	<0.20	<0 20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0095	NR
	04/10/18	<0 31	<0.30	<0.36	<0 72	<0 23	<1.0	<0 31	<0.0094	NR
	02/01/19	<0 31	<0.30	<0.36	<0.72	<0.23	<1.0	<0 31	<0.0092	NR
02261 TW-2	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0 0095	<5.0
	04/27/15	<0.20	<0.40	<0 20	<0.51	<0 30	<1 0	0.23 J	<0.0095	NR
	11/23/15	<0.20	<0.40	<0 20	<0.51	<0.30	<1 0	<0.20	<0 0096	NR
	07/26/16	<0 20	<0.20	<0.25	<0.56	<0 20	<1.0	<0.28	<0 0094	NR
	04/10/18	<0.31	<0.30	<0 36	<0 72	<0 23	<1 0	<0.31	<0.0096	NR
	02/01/19	<0.31	<0 30	<0 36	<0.72	<0 23	<1 0	<0.31	<0 0094	NR
02261 TW-3	11/20/14	<0.24	0.94 J	<0.28	<0.66	<0.20	<1.0	<0 24	<0.0096	**58.4**
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0 30	<1.0	<0.20	<0.0097	NR
	11/23/15	<0.20	<0.40	<0 20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR
	07/26/16	<0.20	<0.20	<0 25	<0.56	<0 20	<1.0	<0.28	<0.010	NR
	04/10/18	<0.31	<0.30	<0.36	<0.72	<0 23	<1.0	<0.31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0 36	<0.72	<0.23	<1.0	<0 31	<0.0092	NR
02261 TW-4	11/19/14	**9,700**	168	698	720	**1,870**	**214 J**	**415**	**1.9**	**66.4**
	04/27/15	**10,300**	286	**821**	1,050	**1,720**	**332 J**	**333**	**0.88**	NR
	11/23/15	**8,250**	137	399	129 J	**1,750**	**116 J**	**385**	**0.22**	NR
	07/26/16	**9,440**	239	690	1,050	**2,020**	**241 J**	**433**	**1.2**	NR
	04/11/18	**8,200**	200	**1,070**	1,110	**1,240**	**225 J**	**279**	**0.41**	NR
	01/30/19	**9,400**	140	**711**	645	**1,550**	**273**	**324**	**0.45**	NR
02261 TW-5	11/19/14	**3,240**	654	**1,670**	5,840	**65.4**	**577**	**53.0**	**3.5**	**70.8**
	04/27/15	**95.8**	5.7	54.0	112	13.7	**64.6**	**8.8**	**0.25**	NR
	11/23/15	**7.7**	0.77 J	0 59 J	1.4 J	3.9	1.8 J	1 3	<0.0096	NR
	07/26/16	2.7	<0.20	0.73 J	<0 56	3 6	<1 0	1 8	<0 0092	NR
	04/11/18	0.85 J	<0 30	<0.36	<0.72	3.9	<1.0	1.4	<0.0095	NR
	01/31/19	**82.8**	4.0	19.3	39.9	10.7	10 1	3 6	<0 0093	NR
02261 TW-6	04/27/15	<0.20	<0.40	<0 20	<0 51	<0.30	<1 0	<0.20	<0 0097	NR
	11/23/15	<0.20	<0 40	<0.20	<0.51	<0.30	<1.0	<0.20	<0 0098	NR
	07/26/16	<0.20	1.4	<0.25	<0.56	<0 20	<1 0	<0.28	<0.0099	NR
	04/11/18	<0.31	<0.30	<0 36	<0.72	<0.23	<1 0	<0.31	<0 0094	NR
	02/01/19	<0.31	<0.30	<0 36	<0.72	<0.23	<1.0	<0.31	<0 0094	NR
18871 MW-10	11/19/14	**2,460**	13.0 J	546	1,490	**181**	**277**	**52.7**	**1.5**	**29.6**
	11/23/15	0.24 J	<0.40	<0 20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR
18871 MW-20	11/18/14	**3,760**	24.2 J	671	3,420	**268**	**255**	**64.3**	**3.5**	**49.8**
	11/23/15	**3,370**	27.7 J	**874**	3,250	**196**	**195 J**	**56.6**	**4.2**	NR
18871 MW-20D	11/19/14	1.9	<0.20	<0.28	<0.66	15.2	<1.0	1.1	**0.057**	**34.8**
	11/23/15	2.9	<0.40	<0.20	<0.51	22.5	<1.0	2.9	<0.0099	NR
18871 MW-21	11/19/14	**16,300**	**21,000**	**1,710**	9,690	**3,670**	**360**	**676**	**85.5**	14 9
	11/23/15	**18,300**	**23,200**	**2,080**	**10,400**	**2,710**	**273 J**	**538**	**62.2**	NR
18871 MW-21D	11/19/14	**950**	613	42.1	225	**482**	**28.7 J**	**55.4**	**0.60**	<5.0
	11/23/15	**572**	342	36.7	172	**299**	10.7 J	**34.0**	**0.20**	NR
18871 MW-22	11/19/14	**1,490**	44.4	304	1,970	**41.2**	**181**	**24.5 J**	**4.5**	6 9
	11/23/15	**1,700**	49.4	284	1,790	**44.8**	**134**	**24.3**	**2.6**	NR
18871 MW-22D	11/19/14	**2,250**	63.2	519	771	**99.0**	**266**	**35.4**	**1.4**	**23.0**
	11/23/15	**2,880**	58.0	547	599	**163**	**235 J**	**61.4**	**0.74**	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**
PW-2	08/09/13	1.0	0.28 J	<0.29	<0 50	<0.21	<1 0	<0.22	<0.0093	NR
	11/19/14	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/23/15	NS	NS	NS	NS	NS	NS	NS	NS	NS
PW-3	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1 0	<0.20	<0 0094	NR
	11/23/15	<0 20	<0.40	<0.20	<0 51	<0 30	<1.0	<0 20	0 043	NR
	07/26/16	<0 20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0095	NR
	04/10/18	<0.20	<0.20	<0 20	<0.20	<0 20	<0.20	<0.20	<0.0038	NR
	02/01/19	<0.40	<0 40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR
PW-3 DUP	04/10/18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.0038	NR
	02/01/19	<0.40	<0 40	<0.40	<0.40	<0 40	<0.40	<0.40	<0 0039	NR
MW TRIP BLANK	08/09/13	<0 21	<0.20	<0.29	<0.50	<0 21	<1.0	<0.22	NR	NR
	11/19/14	<0 24	<0.20	<0.28	<0.66	<0 20	<1.0	<0.24	NR	NR
	04/27/15	<0.20	<0.40	<0 20	<0.51	<0 30	<1.0	<0 20	NR	NR
	11/23/15	<0.20	<0.40	<0 20	<0.51	<0.30	<1 0	<0 20	NR	NR
	07/26/16	<0 20	<0.20	<0.25	<0.56	<0.20	<1.0	<0 28	NR	NR
	04/10/18	<0.31	<0.30	<0 36	<0 72	<0.23	<1.0	<0 31	NR	NR
	01/30/19	<0.31	<0.30	<0.36	<0.72	<0 23	<1.0	<0.31	<0.0093	NR
MW FIELD BLANK	08/09/13	<0.21	0.26 J	<0.29	<0.50	<0 21	<1.0	<0.22	<0 0094	<5.0
	11/19/14	<0.24	<0.20	<0.28	<0.66	<0 20	<1.0	<0 24	<0 0096	<5.0
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1 0	<0 20	<0 0096	NR
	11/23/15	<0 20	<0.40	<0.20	<0.51	<0.30	<1.0	<0 20	<0 0096	NR
	07/26/16	<0.20	<0 20	<0.25	<0.56	<0.20	<1.0	<0 28	<0 0097	NR
	04/11/18	<0.31	<0.30	<0 36	<0.72	<0.23	<1 0	<0 31	<0.0097	NR
	01/30/19	<0.31	<0 30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
	01/31/19	<0.31	<0 30	<0.36	<0.72	<0.23	<1 0	<0 31	<0 0093	NR
	02/01/19	<0.31	<0.30	<0 36	<0.72	<0.23	<1 0	<0.31	<0.0092	NR
WSW TRIP BLANK	04/10/18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NR	NR
	02/01/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NR	NR
WSW FIELD BLANK	04/10/18	<0.20	<0.20	<0.20	<0.20	<0.20	<0 20	<0.20	<0.0039	NR
	02/01/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0 40	<0.40	<0.0039	NR

Notes:
- Analyses for BTEX, MTBE, naphthalene and 1, 2-DCA by EPA Method 8260B, EDB by Method 8011 and lead by EPA Method 3010/6010; results reported in ug/l.
- On or after 04/10/18 WSW and associated blanks analyses for BTEX, MTBE, naphthalene and 1,2-DCA by Method 524.2, EDB analyses by Method 504.1, results reported in µg/l.
- RBSL: Risk Based Screening Level.
- Concentrations in bold face type exceeded the RBSL.
- <: Less than the report limit specified in the laboratory report.
- J: Estimated value
- NS: Not sampled.
- NR: Analysis not requested

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-1	11/19/14	<57	<950	<5,800	<50	**45,200**	<55	**28,500**	<1,000
	04/27/15	8.1	<2,500	<35	<0.20	**40,400**	15.4	**23,600**	<1,000
	11/23/15	<40	<2,000	<7,000	<40	**32,200**	<44	**18,900**	<800
	07/26/16	<0.23	<10	<50	<0.22	**36,900**	<0.20	**37,600**	<5.0
	04/11/18	<12	<500	<4,100	<12	**22,400**	<12	**20,400**	<250
	01/30/19	<60	<2,500	<20,000	<59	**41,300**	<61	**33,800**	<1,300
02261 MW-1 DUP	11/19/14	<57	<950	<5,800	<50	**41,000**	<55	**26,000**	<1,000
	04/27/15	<50	<2,500	<8,800	<50	**36,500**	<55	**26,600**	<1,000
	07/26/16	<45	<2,000	<10,000	<44	**34,300**	<40	**34,400**	<1,000
	01/30/19	<12	<500	<4,100	<12	**40,500**	19.7 J	**30,800**	<250
02261 MW-2	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/31/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-3	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-4	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-5	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-5 DUP	04/27/15	<0.50	<25	<88	<0.50	<20	<0.55	<14	<10
02261 MW-6	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-7	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-8	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-9	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-10	11/18/14	<0.23	<3.8	<23	<0.20	54.5	<0.22	12.3 J	<4.0
	04/27/15	<0.20	<10	<35	<0.20	21.9	<0.22	8.8 J	<4.0
	11/23/15	<10	<500	<1,800	<10	**2,570**	<11	**1,630**	<200
	07/26/16	<0.23	<10	<50	<0.22	22.5	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-11	11/19/14	<45	<760	<4,600	<40	**88,000**	106 J	**6,100**	<810
	04/27/15	<40	<2,000	<7,000	<40	**17,500**	<44	<1,100	<800
	11/23/15	<10	<500	<1,800	<10	**8,950**	<11	<270	<200
	07/26/16	<1.1	<50	<250	<1.1	**551**	<1.0	<45	<25
	04/11/18	<2.4	<100	<820	<2.4	**280**	<2.4	<53	<50
	01/31/19	<2.4	<100	<820	<2.4	**3,720**	<2.4	296	<50
02261 MW-12	11/19/14	<45	<760	<4,600	<40	**34,100**	<44	**3,420 J**	<810
	04/27/15	<50	<2,500	<8,800	<50	**34,500**	<55	<1,400	<1,000
	11/23/15	<40	<2,000	<18,000	<40	**29,300**	<44	<1,100	<800
	07/26/16	<45	<2,000	<10,000	<44	**33,000**	<40	**2,540 J**	<1,000
	04/11/18	<24	<1,000	<8,200	<24	**39,900**	<24	**3,440**	<500
	01/30/19	<60	<2,500	<20,000	<59	**32,400**	<61	**2,670**	<1,300

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-13	11/19/14	<23	<380	<2,300	<20	**9,820**	<22	<880	<400
	04/27/15	<10	<500	<1,800	<10	**7,810**	<11	<270	<200
	11/23/15	<20	<1,000	<3,500	<20	**8,420**	<22	<540	<400
	07/26/16	<11	<500	<2,500	<11	**7,810**	<10	<450	<250
	04/11/18	<24	<1,000	<8,200	<24	**9,610**	<24	648 J	<500
	02/01/19	<12	<500	<4,100	<12	**6,750**	<12	<270	<250
02261 MW-13 DUP	11/23/15	<20	<1,000	<3,500	<20	**7,890**	<22	<540	<400
02261 MW-14	11/19/14	<45	<760	<4,600	<40	**23,600**	<44	**2,040 J**	<810
	04/27/15	<40	<2,000	<7,000	<40	**27,100**	72.6 J	<1,100	<800
	11/23/15	<40	<2,000	<18,000	<40	**24,100**	<44	<1,100	<800
	07/26/16	<45	<2,000	<10,000	<44	**17,300**	<40	<1,800	<1,000
	04/11/18	<48	<2,000	<16,000	<47	**21,400**	<49	**1,670 J**	<1,000
	01/30/19	<48	<2,000	<16,000	<47	**19,500**	<49	<1,100	<1,000
02261 MW-14 DUP	11/19/14	<45	<760	<4,600	<40	**21,900**	<44	**2,220 J**	<810
	11/23/15	<40	<2,000	<7,000	<40	**20,800**	<44	<1,100	<800
	07/26/16	<45	<2,000	<10,000	<44	**18,400**	<40	**1,950 J**	<1,000
	04/11/18	<48	<2,000	<16,000	<47	**22,600**	<49	**2,060 J**	<1,000
	01/30/19	<12	<500	<4,100	<12	**19,300**	32.5 J	**1,730**	<250
02261 MW-15	04/11/18	<48	<2,000	<16,000	<47	**58,000**	<49	**61,600**	<1,000
	01/30/19	<60	<2,500	<20,000	<59	**50,800**	<61	**75,800**	<1,300
02261 MW-16	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-17	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-18	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-19	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-20	04/11/18	<48	<2,000	<16,000	<47	**43,300**	<49	**2,360 J**	<1,000
	01/31/19	<60	<2,500	<20,000	<59	**69,600**	<61	**4,830 J**	<1,300
02261 MW-21	04/11/18	<48	<2,000	<16,000	<47	**43,100**	<49	**4,680 J**	<1,000
	01/30/19	<60	<2,500	<20,000	<59	**45,500**	<61	**4,750 J**	<1,300
02261 MW-21 DUP	04/11/18	<48	<2,000	<16,000	<47	**38,000**	<49	**4,680**	<1,000
	01/30/19	<12	<500	<4,100	<12	**43,500**	35.9 J	**5,680**	<250
02261 MW-22	04/11/18	<24	<1,000	<8,200	<24	**8,010**	<24	<530	<500
	01/31/19	<24	<1,000	<8,200	<24	**7,200**	<24	<530	<500
02261 MW-23	04/11/18	<24	<1,000	<8,200	<24	**1,470 J**	<24	<530	<500
	01/30/19	<2.4	<100	<820	<2.4	**349**	<2.4	<53	<50
02261 MW-24	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-25	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-26	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-27	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-28	01/30/19	<60	<2,500	<20,000	<59	**29,400**	**136 J**	**5,370**	<1,300
02261 MW-29	01/31/19	<60	<2,500	<20,000	<59	**6,380**	<61	<1,300	<1,300
02261 MW-30	01/30/19	<4.8	<200	<1,600	<4.7	<110	<4.9	<110	<100
02261 MW-31	01/30/19	<60	<2,500	<20,000	<59	**36,100**	<61	**3,960 J**	<1,300
02261 MW-28I	01/30/19	<48	<2,000	<16,000	<47	**11,800**	70.2 J	**1,830 J**	<1,000
02261 MW-29I	01/31/19	<6.0	<250	<2,000	<5.9	**5,400**	<6.1	592	<130
02261 MW-30I	01/30/19	<60	<2,500	<20,000	<59	**8,290**	<61	<1,300	<1,300
02261 MW-31I	01/30/19	<12	<500	<4,100	<12	**8,740**	18.1 J	**1,570**	<250
02261 TW-1	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-2	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 TW-3	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-4	11/19/14	<23	<380	<2,300	<20	**12,400**	65.1 J	**2,580**	<400
	04/27/15	<20	<1,000	<3,500	<20	**11,600**	79.0 J	<540	<400
	11/23/15	<20	<1,000	<3,500	<20	**10,100**	59.5 J	<540	<400
	07/26/16	<23	<1,000	<5,000	<22	**15,500**	71.2 J	<910	<500
	04/11/18	<24	<1,000	<8,200	<24	**8,170**	34.7 J	**1,500 J**	<500
	01/30/19	<12	<500	<4,100	<12	**9,980**	47.1 J	**1,790**	<250
02261 TW-5	11/19/14	<11	<190	<1,200	<10	**9,690**	<11	892 J	<200
	04/27/15	<0.20	<10	<35	<0.20	**1,880**	1.6 J	210	<4.0
	11/23/15	<0.20	<10	<35	<0.20	173	0.51 J	53.2	<4.0
	07/26/16	<0.23	<10	<50	<0.22	**476**	<0.20	63.3	<5.0
	04/11/18	<0.24	<10	<82	<0.24	103	0.36 J	46.3	<5.0
	01/31/19	0.27 J	<10	<82	<0.24	**455**	0.82 J	114	<5.0
02261 TW-6	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
18871 MW-10	11/19/14	<11	<190	<1,200	<10	**2,200**	<11	**1,560**	<200
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
18871 MW-20	11/18/14	<11	<190	<1,200	<10	**3,480**	<11	753 J	<200
	11/23/15	<10	<500	<1,800	<10	**2,870**	<11	<270	<200
18871 MW-20D	11/19/14	<0.23	<3.8	<23	<0.20	7.7 J	0.56 J	20.1	<4.0
	11/23/15	<0.20	<10	<35	<0.20	29.4	1.1 J	<5.4	<4.0
18871 MW-21	11/19/14	14.5	<3.8	<23	<0.20	**32,800**	<0.22	**34,500**	<4.0
	11/23/15	<40	<2,000	<7,000	<40	**31,700**	<44	**29,400**	<800
18871 MW-21D	11/19/14	<4.5	<76	<460	<4.0	**6,020**	6.2 J	**3,470**	<81
	11/23/15	1.8 J	<50	<180	<1.0	**4,000**	4.6 J	**2,210**	<20
18871 MW-22	11/19/14	<5.7	<95	<580	<5.0	**2,140**	<5.5	473 J	<100
	11/23/15	<4.0	<200	<700	<4.0	**2,140**	<4.4	613	<80
18871 MW-22D	11/19/14	<0.45	<7.6	<46	<0.40	**4,200**	<0.44	**1,440**	<8.1
	11/23/15	<10	<500	<1,800	<10	**4,920**	<11	**2,260**	<200
PW-3	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.40	<8.0	<40	<0.40	<8.0	<0.42	<8.0	<2.0
	02/01/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
PW-3 DUP C	04/10/18	<0.40	<8.0	<40	<0.40	<8.0	<0.42	<8.0	<2.0
	02/01/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
MW TRIP BLK	11/19/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW FIELD BLK	11/19/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/31/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
WSW TRIP BLANK	04/10/18	<0.40	<8.0	<40	<0.40	<8.0	<0.42	<8.0	<2.0
	02/01/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW FIELD BLANK	04/10/18	<0.40	<8.0	<40	<0.40	<8.0	<0.42	<8.0	<2.0
	02/01/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0

Notes:

- Analyses for selected oxygenates by EPA Method 8260B; results reported in µg/l.
- Concentrations in bold face type exceeded the Action Level.
- J: Estimated value.
- <: Less than the report limit specified in the laboratory report.
- NE: Not Established.

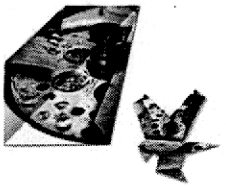
APPENDICES

APPENDIX A

Laboratory Analytical Report – Ground Water Samples

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report



Technical Report for

GRI (Geological Resources Inc.)

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

02261/3289

SGS Job Number: FA61347

Sampling Dates: 01/30/19 - 02/01/19

Report to:

GRI (Geological Resources Inc.)

wsb@geologicalresourcesinc.com

ATTN: Scott Ball

Total number of pages in report: **184**

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

Caitlin Brice, M.S.
General Manager

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

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Test results relate only to samples analyzed.

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Sample Summary

GRI (Geological Resources Inc.)

Job No: FA61347

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA61347-1	01/30/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 1
FA61347-2	01/31/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 2
FA61347-3	02/01/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 3
FA61347-4	02/01/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 4
FA61347-5	02/01/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 5
FA61347-6	01/30/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 6
FA61347-7	02/01/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 7
FA61347-8	02/01/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 8
FA61347-9	02/01/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 9
FA61347-10	01/30/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 10
FA61347-11	01/31/19	00:00	JAKS	02/05/19	AQ	Ground Water	02261 MW 11
FA61347-12	01/30/19	16:30	JAKS	02/05/19	AQ	Ground Water	02261 MW 12
FA61347-13	02/01/19	09:04	JAKS	02/05/19	AQ	Ground Water	02261 MW 13

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA61347

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA61347-14	01/30/19	14:11	JAKS	02/05/19	AQ	Ground Water	02261 MW 14
FA61347-15	01/30/19	11:19	JAKS	02/05/19	AQ	Ground Water	02261 MW 15
FA61347-16	02/01/19	12:55	JAKS	02/05/19	AQ	Ground Water	02261 MW 16
FA61347-17	02/01/19	13:41	JAKS	02/05/19	AQ	Ground Water	02261 MW 17
FA61347-18	02/01/19	14:05	JAKS	02/05/19	AQ	Ground Water	02261 MW 18
FA61347-19	01/30/19	11:55	JAKS	02/05/19	AQ	Ground Water	02261 MW 19
FA61347-20	01/31/19	12:42	JAKS	02/05/19	AQ	Ground Water	02261 MW 20
FA61347-21	01/30/19	16:31	JAKS	02/05/19	AQ	Ground Water	02261 MW 21
FA61347-22	01/31/19	13:17	JAKS	02/05/19	AQ	Ground Water	02261 MW 22
FA61347-23	01/30/19	13:46	JAKS	02/05/19	AQ	Ground Water	02261 MW 23
FA61347-24	02/01/19	09:05	JAKS	02/05/19	AQ	Ground Water	02261 MW 24
FA61347-25	02/01/19	11:09	JAKS	02/05/19	AQ	Ground Water	02261 MW 25
FA61347-26	02/01/19	10:31	JAKS	02/05/19	AQ	Ground Water	02261 MW 26

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA61347

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA61347-27	02/01/19	09:55	JAKS	02/05/19	AQ	Ground Water	02261 MW 27
FA61347-28	01/30/19	15:13	JAKS	02/05/19	AQ	Ground Water	02261 MW 28
FA61347-29	01/31/19	09:41	JAKS	02/05/19	AQ	Ground Water	02261 MW 29
FA61347-30	01/30/19	12:50	JAKS	02/05/19	AQ	Ground Water	02261 MW 30
FA61347-31	01/30/19	15:55	JAKS	02/05/19	AQ	Ground Water	02261 MW 31
FA61347-32	01/30/19	15:07	JAKS	02/05/19	AQ	Ground Water	02261 MW 28I
FA61347-33	01/31/19	11:06	JAKS	02/05/19	AQ	Ground Water	02261 MW 29I
FA61347-34	01/30/19	12:56	JAKS	02/05/19	AQ	Ground Water	02261 MW 30I
FA61347-35	01/30/19	15:49	JAKS	02/05/19	AQ	Ground Water	02261 MW 31I
FA61347-36	02/01/19	12:29	JAKS	02/05/19	AQ	Ground Water	02261 TW 1
FA61347-37	02/01/19	13:30	JAKS	02/05/19	AQ	Ground Water	02261 TW 2
FA61347-38	02/01/19	14:20	JAKS	02/05/19	AQ	Ground Water	02261 TW 3
FA61347-39	01/30/19	13:42	JAKS	02/05/19	AQ	Ground Water	02261 TW 4

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA61347

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA61347-40	01/31/19	10:30	JAKS	02/05/19	AQ	Ground Water	02261 TW 5
FA61347-41	02/01/19	09:27	JAKS	02/05/19	AQ	Ground Water	02261 TW 6
FA61347-42	01/30/19	12:00	JAKS	02/05/19	AQ	Ground Water	02261 DUP A
FA61347-43	01/30/19	12:15	JAKS	02/05/19	AQ	Ground Water	02261 DUP B
FA61347-44	01/30/19	12:30	JAKS	02/05/19	AQ	Ground Water	02261 DUP C
FA61347-45	01/30/19	06:50	JAKS	02/05/19	AQ	Field Blank Water	02261 FB 1
FA61347-46	01/30/19	09:30	JAKS	02/05/19	AQ	Trip Blank Water	02261 TB
FA61347-47	02/01/19	09:39	JAKS	02/05/19	DW	Drinking Water	02261 PW 3
FA61347-48	02/01/19	12:45	JAKS	02/05/19	DW	Drinking Water	02261 DUP D
FA61347-49	02/01/19	07:49	JAKS	02/05/19	DW	Drinking Water FB	02261 PW FIELD BLANK
FA61347-50	02/01/19	07:30	JAKS	02/05/19	DW	Drinking Water TB	02261 PW TRIP BLANK
FA61347-51	01/31/19	10:03	JAKS	02/05/19	AQ	Field Blank Water	02261 MW FIELD BLANK 2
FA61347-52	02/01/19	14:32	JAKS	02/05/19	AQ	Field Blank Water	02261 MW FB 3

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: GRI (Geological Resources Inc.) **Job No:** FA61347

Site: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC **Report Date** 2/14/2019 9:52:17 PM

44 Sample(s), 1 Trip Blank(s) and 3 Field Blank(s) were collected between 01/30/2019 and 02/01/2019 and were received at SGS North America Inc - Orlando on 02/05/2019 properly preserved, at 2.2 Deg. C and intact. These Samples received an SGS Orlando job number of FA61347. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

MS Volatiles by Method SW846 8260B

Matrix: AQ **Batch ID:** V5E545

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA61342-11MS, FA61342-11MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** VI1819

All samples were analyzed within the recommended method holding time.

Sample(s) FA61347-14MS, FA61347-14MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Matrix Spike Recovery(s) for Toluene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix Spike Duplicate Recovery(s) for Toluene are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Recovery(s) for Toluene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix: AQ **Batch ID:** VI1820

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA61347-34MS, FA61347-34MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for Benzene are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix Spike Duplicate Recovery(s) for Benzene are outside control limits. Probable cause is due to matrix interference.

Matrix: AQ **Batch ID:** VY1605

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA61347-21MS, FA61347-21MSD were used as the QC samples indicated.

Matrix: AQ **Batch ID:** VY1606

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

GC Volatiles by Method SW846 8011

Matrix: AQ **Batch ID:** OP73744

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Sample(s) FA61281-3MS, FA61347-31DUP were used as the QC samples indicated.

Sample(s) FA61347-31 have surrogates outside control limits.

Sample(s) FA61347-31: All hits confirmed by dual column analysis.

Sample(s) FA61347-31 are outside limits due to dilution.

FA61347-31 for 4-Bromofluorobenzene: Outside control limits due to dilution.

GC Volatiles by Method SW846 8011

Matrix: AQ **Batch ID:** OP73745

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA61347-19MS, FA61347-20DUP, FA61347-19MS were used as the QC samples indicated.

Matrix Spike Recovery(s) for 1,2-Dibromoethane are outside control limits. Probable cause is due to matrix interference.

RPD(s) for Duplicate for 1,2-Dibromoethane are outside control limits for sample OP73745-DUP. Probable cause is due to sample non-homogeneity.

Sample(s) FA61347-1, FA61347-12, FA61347-13, FA61347-14, FA61347-15, FA61347-20 have surrogates outside control limits.

Sample(s) FA61347-1, FA61347-12, FA61347-13, FA61347-14, FA61347-15, FA61347-20: All hits confirmed by dual column analysis.

Sample(s) FA61347-1, FA61347-12, FA61347-13, FA61347-14, FA61347-15, FA61347-20 are outside limits due to dilution.

OP73745-MS for 4-Bromofluorobenzene: Outside control limits.

FA61347-20 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-15 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-14 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-13 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-12 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-1 for 4-Bromofluorobenzene: Outside control limits due to dilution.

Matrix: AQ **Batch ID:** OP73760

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA61347-23DUP, FA61347-21MS, FA61347-23DUP were used as the QC samples indicated.

Matrix Spike Recovery(s) for 1,2-Dibromoethane are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Matrix Spike Recovery(s) for 1,2-Dibromoethane are outside control limits. Outside control limits due to high level in sample relative to spike amount.

Sample(s) FA61347-21, FA61347-22, FA61347-23, FA61347-28, FA61347-29, FA61347-32, FA61347-34, FA61347-42, FA61347-43, FA61347-44 have surrogates outside control limits.

Sample(s) FA61347-21, FA61347-22, FA61347-23, FA61347-28, FA61347-29, FA61347-30, FA61347-32, FA61347-33, FA61347-34, FA61347-35, FA61347-39, FA61347-42, FA61347-43, FA61347-44: All hits confirmed by dual column analysis.

Sample(s) FA61347-21, FA61347-22, FA61347-23, FA61347-28, FA61347-29, FA61347-32, FA61347-34, FA61347-42, FA61347-43, FA61347-44 are outside limits due to dilution.

FA61347-44 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-43 for 4-Bromofluorobenzene: Outside control limits due to dilution.

GC Volatiles by Method SW846 8011

Matrix: AQ **Batch ID:** OP73760

FA61347-21 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-22 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-23 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-28 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-29 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-32 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-34 for 4-Bromofluorobenzene: Outside control limits due to dilution.

FA61347-42 for 4-Bromofluorobenzene: Outside control limits due to dilution.

Matrix: AQ **Batch ID:** OP73761

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA61347-26MS, FA61347-27DUP were used as the QC samples indicated.

GC Volatiles by Method SW846 8011

Matrix: AQ **Batch ID:** OP73781

All samples were extracted within the recommended method holding All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) FA61347-38 have surrogates outside control limits. Outside control limits. Suspected double surrogate; however, sample was ND.

Sample(s) FA61347-11, FA61347-4: All hits confirmed by dual column analysis.

SGS Orlando certifies that this report meets the project requirements for analytical data produced for the samples as received at SGS Orlando and as stated on the COC. SGS Orlando certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the SGS Orlando Quality Manual except as noted above. This report is to be used in its entirety. SGS Orlando is not responsible for any assumptions of data quality if partial data packages are used.

Narrative prepared by: Courtney A. Hulce, QA Coordinator (*Signature on file*)

Summary of Hits

Job Number: FA61347
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 01/30/19 thru 02/01/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA61347-1	**02261 MW 1**					
Benzene		20700	250	78	ug/l	SW846 8260B
Toluene		807	250	75	ug/l	SW846 8260B
Ethylbenzene		1550	250	89	ug/l	SW846 8260B
Xylene (total)		7700	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		2620	250	57	ug/l	SW846 8260B
Naphthalene		405 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		811	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		41300	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		33800	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		43.8	1.0	0.50	ug/l	SW846 8011
FA61347-2	**02261 MW 2**					
No hits reported in this sample.						
FA61347-3	**02261 MW 3**					
No hits reported in this sample.						
FA61347-4	**02261 MW 4**					
1,2-Dibromoethane [a]		0.51	0.019	0.0093	ug/l	SW846 8011
FA61347-5	**02261 MW 5**					
No hits reported in this sample.						
FA61347-6	**02261 MW 6**					
No hits reported in this sample.						
FA61347-7	**02261 MW 7**					
No hits reported in this sample.						
FA61347-8	**02261 MW 8**					
No hits reported in this sample.						
FA61347-9	**02261 MW 9**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA61347
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 01/30/19 thru 02/01/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA61347-10	**02261 MW 10**					
No hits reported in this sample.						
FA61347-11	**02261 MW 11**					
Benzene		647	10	3.1	ug/l	SW846 8260B
Toluene		64.1	10	3.0	ug/l	SW846 8260B
Ethylbenzene		186	10	3.6	ug/l	SW846 8260B
Xylene (total)		187	30	7.2	ug/l	SW846 8260B
Naphthalene		50.9	50	10	ug/l	SW846 8260B
1,2-Dichloroethane		15.1	10	3.1	ug/l	SW846 8260B
Tert-Amyl Alcohol		3720	200	53	ug/l	SW846 8260B
Tert-Butyl Alcohol		296	200	53	ug/l	SW846 8260B
1,2-Dibromoethane [a]		1.1	0.037	0.019	ug/l	SW846 8011
FA61347-12	**02261 MW 12**					
Benzene		16600	250	78	ug/l	SW846 8260B
Toluene		1940	250	75	ug/l	SW846 8260B
Ethylbenzene		2470	250	89	ug/l	SW846 8260B
Xylene (total)		10500	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		385	250	57	ug/l	SW846 8260B
Naphthalene		721 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		274	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		32400	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		2670 J	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		32.2	1.0	0.50	ug/l	SW846 8011
FA61347-13	**02261 MW 13**					
Benzene		4420	50	16	ug/l	SW846 8260B
Toluene		283	50	15	ug/l	SW846 8260B
Ethylbenzene		1950	50	18	ug/l	SW846 8260B
Xylene (total)		5890	150	36	ug/l	SW846 8260B
Naphthalene		755	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		24.2 J	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		6750	1000	260	ug/l	SW846 8260B
1,2-Dibromoethane [a]		3.1	0.20	0.10	ug/l	SW846 8011
FA61347-14	**02261 MW 14**					
Benzene		12500	200	62	ug/l	SW846 8260B
Toluene		21600	250	75	ug/l	SW846 8260B
Ethylbenzene		1740	200	71	ug/l	SW846 8260B

Summary of Hits

Job Number: FA61347
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 01/30/19 thru 02/01/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Xylene (total)		10200	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether		195 J	200	46	ug/l	SW846 8260B
Naphthalene		575 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		212	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		19500	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane [a]		84.6	2.0	1.0	ug/l	SW846 8011
FA61347-15	**02261 MW 15**					
Benzene		24000	250	78	ug/l	SW846 8260B
Toluene		11700	250	75	ug/l	SW846 8260B
Ethylbenzene		1610	250	89	ug/l	SW846 8260B
Xylene (total)		8590	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		2550	250	57	ug/l	SW846 8260B
Naphthalene		384 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		923	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		50800	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		75800	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		128	10	5.0	ug/l	SW846 8011
FA61347-16	**02261 MW 16**					
No hits reported in this sample.						
FA61347-17	**02261 MW 17**					
No hits reported in this sample.						
FA61347-18	**02261 MW 18**					
No hits reported in this sample.						
FA61347-19	**02261 MW 19**					
No hits reported in this sample.						
FA61347-20	**02261 MW 20**					
Benzene		16300	250	78	ug/l	SW846 8260B
Toluene		26300	500	150	ug/l	SW846 8260B
Ethylbenzene		2220	250	89	ug/l	SW846 8260B
Xylene (total)		13200	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		450	250	57	ug/l	SW846 8260B
Naphthalene		476 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		310	250	78	ug/l	SW846 8260B

Summary of Hits

Job Number: FA61347
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 01/30/19 thru 02/01/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tert-Amyl Alcohol		69600	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		4830 J	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		57.6	2.0	1.0	ug/l	SW846 8011
FA61347-21	**02261 MW 21**					
Benzene		16200	250	78	ug/l	SW846 8260B
Toluene		21300	250	75	ug/l	SW846 8260B
Ethylbenzene		2090	250	89	ug/l	SW846 8260B
Xylene (total)		12200	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		418	250	57	ug/l	SW846 8260B
Naphthalene		449 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		397	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		45500	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		4750 J	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		86.2	3.7	1.9	ug/l	SW846 8011
FA61347-22	**02261 MW 22**					
Benzene		5710	100	31	ug/l	SW846 8260B
Toluene		446	100	30	ug/l	SW846 8260B
Ethylbenzene		2780	100	36	ug/l	SW846 8260B
Xylene (total)		6480	300	72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		34.3 J	100	23	ug/l	SW846 8260B
Naphthalene		724	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		42.9 J	100	31	ug/l	SW846 8260B
Tert-Amyl Alcohol		7200	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		3.3	0.18	0.092	ug/l	SW846 8011
FA61347-23	**02261 MW 23**					
Benzene		493	10	3.1	ug/l	SW846 8260B
Toluene		656	10	3.0	ug/l	SW846 8260B
Ethylbenzene		181	10	3.6	ug/l	SW846 8260B
Xylene (total)		1110	30	7.2	ug/l	SW846 8260B
Methyl Tert Butyl Ether		6.5 J	10	2.3	ug/l	SW846 8260B
Naphthalene		61.4	50	10	ug/l	SW846 8260B
1,2-Dichloroethane		7.4 J	10	3.1	ug/l	SW846 8260B
Tert-Amyl Alcohol		349	200	53	ug/l	SW846 8260B
1,2-Dibromoethane [a]		3.3	0.18	0.092	ug/l	SW846 8011
FA61347-24	**02261 MW 24**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA61347
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 01/30/19 thru 02/01/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA61347-25	**02261 MW 25**					
No hits reported in this sample.						
FA61347-26	**02261 MW 26**					
No hits reported in this sample.						
FA61347-27	**02261 MW 27**					
No hits reported in this sample.						
FA61347-28	**02261 MW 28**					
Benzene		27500	500	160	ug/l	SW846 8260B
Toluene		8680	250	75	ug/l	SW846 8260B
Ethylbenzene		2240	250	89	ug/l	SW846 8260B
Xylene (total)		8780	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		4950	250	57	ug/l	SW846 8260B
Naphthalene		475 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		1230	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		29400	5000	1300	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		136 J	500	61	ug/l	SW846 8260B
Tert-Butyl Alcohol		5370	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		201	7.4	3.7	ug/l	SW846 8011
FA61347-29	**02261 MW 29**					
Benzene		8380	250	78	ug/l	SW846 8260B
Toluene		23000	250	75	ug/l	SW846 8260B
Ethylbenzene		2090	250	89	ug/l	SW846 8260B
Xylene (total)		13500	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		187 J	250	57	ug/l	SW846 8260B
Naphthalene		523 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		115 J	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		6380	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		26.7	0.93	0.47	ug/l	SW846 8011
FA61347-30	**02261 MW 30**					
Benzene		115	20	6.2	ug/l	SW846 8260B
Toluene		201	20	6.0	ug/l	SW846 8260B
Ethylbenzene		1240	20	7.1	ug/l	SW846 8260B
Xylene (total)		4230	60	14	ug/l	SW846 8260B
Naphthalene		452	100	20	ug/l	SW846 8260B

Summary of Hits

Job Number: FA61347
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 01/30/19 thru 02/01/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,2-Dibromoethane [a]		0.22	0.019	0.0093	ug/l	SW846 8011
FA61347-31	**02261 MW 31**					
Benzene		22100	250	78	ug/l	SW846 8260B
Toluene		26500	500	150	ug/l	SW846 8260B
Ethylbenzene		2500	250	89	ug/l	SW846 8260B
Xylene (total)		12200	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		384	250	57	ug/l	SW846 8260B
Naphthalene		569 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		464	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		36100	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		3960 J	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		78.2	5.0	2.5	ug/l	SW846 8011
FA61347-32	**02261 MW 28I**					
Benzene		15700	200	62	ug/l	SW846 8260B
Toluene		1100	200	60	ug/l	SW846 8260B
Ethylbenzene		1890	200	71	ug/l	SW846 8260B
Xylene (total)		6140	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1790	200	46	ug/l	SW846 8260B
Naphthalene		483 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		441	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		11800	4000	1100	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		70.2 J	400	49	ug/l	SW846 8260B
Tert-Butyl Alcohol		1830 J	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane [a]		3.0	0.18	0.092	ug/l	SW846 8011
FA61347-33	**02261 MW 29I**					
Benzene		2200	25	7.8	ug/l	SW846 8260B
Toluene		103	25	7.5	ug/l	SW846 8260B
Ethylbenzene		556	25	8.9	ug/l	SW846 8260B
Xylene (total)		1760	75	18	ug/l	SW846 8260B
Methyl Tert Butyl Ether		90.8	25	5.7	ug/l	SW846 8260B
Naphthalene		262	130	25	ug/l	SW846 8260B
1,2-Dichloroethane		43.2	25	7.8	ug/l	SW846 8260B
Tert-Amyl Alcohol		5400	500	130	ug/l	SW846 8260B
Tert-Butyl Alcohol		592	500	130	ug/l	SW846 8260B
1,2-Dibromoethane [a]		1.7	0.093	0.047	ug/l	SW846 8011
FA61347-34	**02261 MW 30I**					
Benzene		16100	250	78	ug/l	SW846 8260B

Summary of Hits

Job Number: FA61347
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 01/30/19 thru 02/01/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Toluene		3210	250	75	ug/l	SW846 8260B
Ethylbenzene		2790	250	89	ug/l	SW846 8260B
Xylene (total)		11700	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		813	250	57	ug/l	SW846 8260B
Naphthalene		921 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		247 J	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		8290	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		18.9	0.46	0.23	ug/l	SW846 8011
FA61347-35	**02261 MW 31I**					
Benzene		3840	50	16	ug/l	SW846 8260B
Toluene		351	50	15	ug/l	SW846 8260B
Ethylbenzene		348	50	18	ug/l	SW846 8260B
Xylene (total)		1970	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		332	50	11	ug/l	SW846 8260B
Naphthalene		169 J	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		114	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		8740	1000	260	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		18.1 J	100	12	ug/l	SW846 8260B
Tert-Butyl Alcohol		1570	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		1.1	0.037	0.019	ug/l	SW846 8011
FA61347-36	**02261 TW 1**					
No hits reported in this sample.						
FA61347-37	**02261 TW 2**					
No hits reported in this sample.						
FA61347-38	**02261 TW 3**					
No hits reported in this sample.						
FA61347-39	**02261 TW 4**					
Benzene		9400	100	31	ug/l	SW846 8260B
Toluene		140	50	15	ug/l	SW846 8260B
Ethylbenzene		711	50	18	ug/l	SW846 8260B
Xylene (total)		645	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1550	50	11	ug/l	SW846 8260B
Naphthalene		273	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		324	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		9980	1000	260	ug/l	SW846 8260B

Summary of Hits

Job Number: FA61347
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 01/30/19 thru 02/01/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tert-Amyl Methyl Ether		47.1 J	100	12	ug/l	SW846 8260B
Tert-Butyl Alcohol		1790	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.45	0.019	0.0093	ug/l	SW846 8011
FA61347-40	**02261 TW 5**					
Benzene		82.8	2.5	0.78	ug/l	SW846 8260B
Toluene		4.0	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		19.3	1.0	0.36	ug/l	SW846 8260B
Xylene (total)		39.9	3.0	0.72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		10.7	1.0	0.23	ug/l	SW846 8260B
Naphthalene		10.1	5.0	1.0	ug/l	SW846 8260B
1,2-Dichloroethane		3.6	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		0.27 J	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		455	20	5.3	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		0.82 J	2.0	0.24	ug/l	SW846 8260B
Tert-Butyl Alcohol		114	20	5.3	ug/l	SW846 8260B
FA61347-41	**02261 TW 6**					
No hits reported in this sample.						
FA61347-42	**02261 DUP A**					
Benzene		22400	500	160	ug/l	SW846 8260B
Toluene		812	50	15	ug/l	SW846 8260B
Ethylbenzene		1650	50	18	ug/l	SW846 8260B
Xylene (total)		8140	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		2950	50	11	ug/l	SW846 8260B
Naphthalene		453	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		802	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		40500	1000	260	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		19.7 J	100	12	ug/l	SW846 8260B
Tert-Butyl Alcohol		30800	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		41.1	0.93	0.46	ug/l	SW846 8011
FA61347-43	**02261 DUP B**					
Benzene		12000	500	160	ug/l	SW846 8260B
Toluene		20100	500	150	ug/l	SW846 8260B
Ethylbenzene		1730	50	18	ug/l	SW846 8260B
Xylene (total)		10100	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		217	50	11	ug/l	SW846 8260B
Naphthalene		623	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		224	50	16	ug/l	SW846 8260B

Summary of Hits

Job Number: FA61347
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 01/30/19 thru 02/01/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tert-Amyl Alcohol		19300	1000	260	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		32.5 J	100	12	ug/l	SW846 8260B
Tert-Butyl Alcohol		1730	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		127	3.7	1.8	ug/l	SW846 8011
FA61347-44	**02261 DUP C**					
Benzene		16700	500	160	ug/l	SW846 8260B
Toluene		23400	500	150	ug/l	SW846 8260B
Ethylbenzene		2260	50	18	ug/l	SW846 8260B
Xylene (total)		13000	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		608	50	11	ug/l	SW846 8260B
Naphthalene		617	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		414	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		43500	1000	260	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		35.9 J	100	12	ug/l	SW846 8260B
Tert-Butyl Alcohol		5680	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		84.6	3.7	1.9	ug/l	SW846 8011

FA61347-45 02261 FB 1

No hits reported in this sample.

FA61347-46 02261 TB

No hits reported in this sample.

FA61347-51 02261 MW FIELD BLANK 2

No hits reported in this sample.

FA61347-52 02261 MW FB 3

No hits reported in this sample.

(a) All hits confirmed by dual column analysis.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 1		
Lab Sample ID:	FA61347-1	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5E13258.D	250	02/06/19 21:08	CV	n/a	n/a	V5E545
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	20700	250	78	ug/l	
108-88-3	Toluene	807	250	75	ug/l	
100-41-4	Ethylbenzene	1550	250	89	ug/l	
1330-20-7	Xylene (total)	7700	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2620	250	57	ug/l	
91-20-3	Naphthalene	405	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	811	250	78	ug/l	
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	41300	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	33800	5000	1300	ug/l	
762-75-4	Tert-Butyl Formate	ND	5000	1300	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW 1		
Lab Sample ID:	FA61347-1	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104859.D	50	02/12/19 14:18	NM	02/08/19 12:15	OP73745	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	35.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	43.8	1.0	0.50	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 2		
Lab Sample ID:	FA61347-2	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5E13259.D	1	02/06/19 21:32	CV	n/a	n/a	V5E545
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 2		
Lab Sample ID:	FA61347-2	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104793.D	1	02/11/19 18:34	NM	02/08/19 12:15	OP73745	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	35.0 ml	2.0 ml
Run #2		

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	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	64%		63-137%

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

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

Report of Analysis

Client Sample ID:	02261 MW 3		
Lab Sample ID:	FA61347-3	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5E13260.D	1	02/06/19 21:56	CV	n/a	n/a	V5E545
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 3		
Lab Sample ID:	FA61347-3	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104898.D	1	02/13/19 02:02	NM	02/12/19 14:20	OP73781	GDD3021
Run #2							

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

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

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

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

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

Report of Analysis

Client Sample ID:	02261 MW 4		
Lab Sample ID:	FA61347-4	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5E13261.D	1	02/06/19 22:20	CV	n/a	n/a	V5E545
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW 4		
Lab Sample ID:	FA61347-4	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104899.D	1	02/13/19 02:20	NM	02/12/19 14:20	OP73781	GDD3021
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.51	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		63-137%

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	02261 MW 5		
Lab Sample ID:	FA61347-5	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59735.D	1	02/06/19 18:02	AJ	n/a	n/a	VI1819
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW 5		
Lab Sample ID:	FA61347-5	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104900.D	1	02/13/19 02:38	NM	02/12/19 14:20	OP73781	GDD3021
Run #2							

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

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

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

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

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

Report of Analysis

Client Sample ID:	02261 MW 6		
Lab Sample ID:	FA61347-6	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59736.D	1	02/06/19 18:26	AJ	n/a	n/a	VI1819
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 6		
Lab Sample ID:	FA61347-6	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104759.D	1	02/08/19 17:41	KH	02/08/19 12:15	OP73745	GDD3020
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	122%		63-137%

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

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

Report of Analysis

Client Sample ID:	02261 MW 7		
Lab Sample ID:	FA61347-7	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59737.D	1	02/06/19 18:49	AJ	n/a	n/a	VI1819
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 7		
Lab Sample ID:	FA61347-7	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104901.D	1	02/13/19 02:56	NM	02/12/19 14:20	OP73781	GDD3021
Run #2							

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

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

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

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

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Report of Analysis

Client Sample ID:	02261 MW 8		
Lab Sample ID:	FA61347-8	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59738.D	1	02/06/19 19:13	AJ	n/a	n/a	VI1819
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 8		
Lab Sample ID:	FA61347-8	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104904.D	1	02/13/19 03:49	NM	02/12/19 14:20	OP73781	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.4 ml	2.0 ml
Run #2		

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		63-137%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 9		
Lab Sample ID:	FA61347-9	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59739.D	1	02/06/19 19:37	AJ	n/a	n/a	VI1819
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 9		
Lab Sample ID:	FA61347-9	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104764.D	1	02/08/19 19:11	KH	02/08/19 12:15	OP73745	GDD3020
Run #2							

	Initial Volume	Final Volume
Run #1	37.4 ml	2.0 ml
Run #2		

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 10		
Lab Sample ID:	FA61347-10	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59740.D	1	02/06/19 20:00	AJ	n/a	n/a	VI1819
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 10		
Lab Sample ID:	FA61347-10	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104896.D	1	02/13/19 01:26	NM	02/12/19 14:20	OP73781	GDD3021
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 11		
Lab Sample ID:	FA61347-11	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59741.D	10	02/06/19 20:24	AJ	n/a	n/a	VI1819
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	647	10	3.1	ug/l	
108-88-3	Toluene	64.1	10	3.0	ug/l	
100-41-4	Ethylbenzene	186	10	3.6	ug/l	
1330-20-7	Xylene (total)	187	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	2.3	ug/l	
91-20-3	Naphthalene	50.9	50	10	ug/l	
107-06-2	1,2-Dichloroethane	15.1	10	3.1	ug/l	
108-20-3	Di-Isopropyl Ether	ND	10	2.4	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	500	100	ug/l	
64-17-5	Ethyl Alcohol	ND	2000	820	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	20	2.4	ug/l	
75-85-4	Tert-Amyl Alcohol	3720	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	296	200	53	ug/l	
762-75-4	Tert-Butyl Formate	ND	200	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 11		
Lab Sample ID:	FA61347-11	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104920.D	2	02/13/19 13:24	NM	02/12/19 14:20	OP73781	GDD3022
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	1.1	0.037	0.019	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 12		
Lab Sample ID:	FA61347-12	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59742.D	250	02/06/19 20:47	AJ	n/a	n/a	VI1819
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	16600	250	78	ug/l	
108-88-3	Toluene	1940	250	75	ug/l	
100-41-4	Ethylbenzene	2470	250	89	ug/l	
1330-20-7	Xylene (total)	10500	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	385	250	57	ug/l	
91-20-3	Naphthalene	721	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	274	250	78	ug/l	
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	32400	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	2670	5000	1300	ug/l	J
762-75-4	Tert-Butyl Formate	ND	5000	1300	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW 12		
Lab Sample ID:	FA61347-12	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104803.D	50	02/11/19 21:34	NM	02/08/19 12:15	OP73745	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	35.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	32.2	1.0	0.50	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 13		
Lab Sample ID:	FA61347-13	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59743.D	50	02/06/19 21:11	AJ	n/a	n/a	VI1819
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4420	50	16	ug/l	
108-88-3	Toluene	283	50	15	ug/l	
100-41-4	Ethylbenzene	1950	50	18	ug/l	
1330-20-7	Xylene (total)	5890	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	11	ug/l	
91-20-3	Naphthalene	755	250	50	ug/l	
107-06-2	1,2-Dichloroethane	24.2	50	16	ug/l	J
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	6750	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 13		
Lab Sample ID:	FA61347-13	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104804.D	10	02/11/19 21:52	NM	02/08/19 12:15	OP73745	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	35.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	3.1	0.20	0.10	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	02261 MW 14		
Lab Sample ID:	FA61347-14	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59744.D	200	02/06/19 21:35	AJ	n/a	n/a	VI1819
Run #2	I59755.D	250	02/07/19 11:23	AJ	n/a	n/a	VI1820

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	12500	200	62	ug/l	
108-88-3	Toluene	21600 [a]	250	75	ug/l	
100-41-4	Ethylbenzene	1740	200	71	ug/l	
1330-20-7	Xylene (total)	10200	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	195	200	46	ug/l	J
91-20-3	Naphthalene	575	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	212	200	62	ug/l	
108-20-3	Di-Isopropyl Ether	ND	200	48	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	19500	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	4000	1100	ug/l	
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	92%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	87%	79-125%
2037-26-5	Toluene-D8	101%	99%	85-112%
460-00-4	4-Bromofluorobenzene	95%	94%	83-118%

(a) Result is from Run# 2

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 14		
Lab Sample ID:	FA61347-14	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104805.D	100	02/11/19 22:10	NM	02/08/19 12:15	OP73745	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	35.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	84.6	2.0	1.0	ug/l	

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

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

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

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

Report of Analysis

Client Sample ID:	02261 MW 15		
Lab Sample ID:	FA61347-15	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40227.D	250	02/07/19 13:06	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	24000	250	78	ug/l	
108-88-3	Toluene	11700	250	75	ug/l	
100-41-4	Ethylbenzene	1610	250	89	ug/l	
1330-20-7	Xylene (total)	8590	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2550	250	57	ug/l	
91-20-3	Naphthalene	384	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	923	250	78	ug/l	
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	50800	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	75800	5000	1300	ug/l	
762-75-4	Tert-Butyl Formate	ND	5000	1300	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 15		
Lab Sample ID:	FA61347-15	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104860.D	500	02/12/19 14:36	NM	02/08/19 12:15	OP73745	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	35.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	128	10	5.0	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	02261 MW 16		
Lab Sample ID:	FA61347-16	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40225.D	1	02/07/19 12:13	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 16		
Lab Sample ID:	FA61347-16	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104905.D	1	02/13/19 04:07	NM	02/12/19 14:20	OP73781	GDD3021
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 17		
Lab Sample ID:	FA61347-17	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40223.D	1	02/07/19 11:18	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 17		
Lab Sample ID:	FA61347-17	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104774.D	1	02/08/19 22:10	KH	02/08/19 12:15	OP73745	GDD3020
Run #2							

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 18		
Lab Sample ID:	FA61347-18	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40224.D	1	02/07/19 11:46	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 18		
Lab Sample ID:	FA61347-18	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104775.D	1	02/08/19 22:28	KH	02/08/19 12:15	OP73745	GDD3020
Run #2							

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2		

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 19		
Lab Sample ID:	FA61347-19	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40238.D	1	02/07/19 17:57	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 19		
Lab Sample ID:	FA61347-19	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104808.D	1	02/11/19 23:03	NM	02/08/19 12:15	OP73745	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	35.0 ml	2.0 ml
Run #2		

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	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	68%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 20		
Lab Sample ID:	FA61347-20	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40228.D	250	02/07/19 13:32	SO	n/a	n/a	VY1605
Run #2	Y40252.D	500	02/08/19 11:45	SO	n/a	n/a	VY1606

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	16300	250	78	ug/l	
108-88-3	Toluene	26300 [a]	500	150	ug/l	
100-41-4	Ethylbenzene	2220	250	89	ug/l	
1330-20-7	Xylene (total)	13200	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	450	250	57	ug/l	
91-20-3	Naphthalene	476	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	310	250	78	ug/l	
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	69600	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	4830	5000	1300	ug/l	J
762-75-4	Tert-Butyl Formate	ND	5000	1300	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	101%	79-125%
2037-26-5	Toluene-D8	98%	98%	85-112%
460-00-4	4-Bromofluorobenzene	99%	101%	83-118%

(a) Result is from Run# 2

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 20		
Lab Sample ID:	FA61347-20	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104809.D	100	02/11/19 23:21	NM	02/08/19 12:15	OP73745	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	35.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	57.6	2.0	1.0	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 21		
Lab Sample ID:	FA61347-21	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40226.D	250	02/07/19 12:39	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	16200	250	78	ug/l	
108-88-3	Toluene	21300	250	75	ug/l	
100-41-4	Ethylbenzene	2090	250	89	ug/l	
1330-20-7	Xylene (total)	12200	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	418	250	57	ug/l	
91-20-3	Naphthalene	449	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	397	250	78	ug/l	
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	45500	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	4750	5000	1300	ug/l	J
762-75-4	Tert-Butyl Formate	ND	5000	1300	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW 21		
Lab Sample ID:	FA61347-21	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104861.D	200	02/12/19 14:55	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	86.2	3.7	1.9	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 22		
Lab Sample ID:	FA61347-22	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40229.D	100	02/07/19 14:00	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5710	100	31	ug/l	
108-88-3	Toluene	446	100	30	ug/l	
100-41-4	Ethylbenzene	2780	100	36	ug/l	
1330-20-7	Xylene (total)	6480	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	34.3	100	23	ug/l	J
91-20-3	Naphthalene	724	500	100	ug/l	
107-06-2	1,2-Dichloroethane	42.9	100	31	ug/l	J
108-20-3	Di-Isopropyl Ether	ND	100	24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	ND	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	7200	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

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

Report of Analysis

Client Sample ID:	02261 MW 22		
Lab Sample ID:	FA61347-22	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104873.D	10	02/12/19 18:32	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	3.3	0.18	0.092	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 23		
Lab Sample ID:	FA61347-23	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40230.D	10	02/07/19 14:27	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	493	10	3.1	ug/l	
108-88-3	Toluene	656	10	3.0	ug/l	
100-41-4	Ethylbenzene	181	10	3.6	ug/l	
1330-20-7	Xylene (total)	1110	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	6.5	10	2.3	ug/l	J
91-20-3	Naphthalene	61.4	50	10	ug/l	
107-06-2	1,2-Dichloroethane	7.4	10	3.1	ug/l	J
108-20-3	Di-Isopropyl Ether	ND	10	2.4	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	500	100	ug/l	
64-17-5	Ethyl Alcohol	ND	2000	820	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	20	2.4	ug/l	
75-85-4	Tert-Amyl Alcohol	349	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	200	53	ug/l	
762-75-4	Tert-Butyl Formate	ND	200	50	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW 23		
Lab Sample ID:	FA61347-23	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104862.D	10	02/12/19 15:13	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	3.3	0.18	0.092	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 24		
Lab Sample ID:	FA61347-24	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40239.D	1	02/07/19 18:22	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 24		
Lab Sample ID:	FA61347-24	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104840.D	1	02/12/19 08:36	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 25		
Lab Sample ID:	FA61347-25	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40240.D	1	02/07/19 18:49	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 25		
Lab Sample ID:	FA61347-25	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104841.D	1	02/12/19 08:54	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 26		
Lab Sample ID:	FA61347-26	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40241.D	1	02/07/19 19:15	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 26		
Lab Sample ID:	FA61347-26	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104846.D	1	02/12/19 10:24	NM	02/11/19 13:15	OP73761	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2		

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 27		
Lab Sample ID:	FA61347-27	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40242.D	1	02/07/19 19:41	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW 27		
Lab Sample ID:	FA61347-27	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104847.D	1	02/12/19 10:41	NM	02/11/19 13:15	OP73761	GDD3021
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 28		
Lab Sample ID:	FA61347-28	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40231.D	250	02/07/19 14:53	SO	n/a	n/a	VY1605
Run #2	Y40253.D	500	02/08/19 12:11	SO	n/a	n/a	VY1606

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	27500 [a]	500	160	ug/l	
108-88-3	Toluene	8680	250	75	ug/l	
100-41-4	Ethylbenzene	2240	250	89	ug/l	
1330-20-7	Xylene (total)	8780	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4950	250	57	ug/l	
91-20-3	Naphthalene	475	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	1230	250	78	ug/l	
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	29400	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	136	500	61	ug/l	J
75-65-0	Tert-Butyl Alcohol	5370	5000	1300	ug/l	
762-75-4	Tert-Butyl Formate	ND	5000	1300	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	103%	79-125%
2037-26-5	Toluene-D8	98%	97%	85-112%
460-00-4	4-Bromofluorobenzene	100%	101%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 MW 28		
Lab Sample ID:	FA61347-28	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104863.D	400	02/12/19 15:31	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	201	7.4	3.7	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 29		
Lab Sample ID:	FA61347-29	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40232.D	250	02/07/19 15:20	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	8380	250	78	ug/l	
108-88-3	Toluene	23000	250	75	ug/l	
100-41-4	Ethylbenzene	2090	250	89	ug/l	
1330-20-7	Xylene (total)	13500	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	187	250	57	ug/l	J
91-20-3	Naphthalene	523	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	115	250	78	ug/l	J
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	6380	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	5000	1300	ug/l	
762-75-4	Tert-Butyl Formate	ND	5000	1300	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 29		
Lab Sample ID:	FA61347-29	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104874.D	50	02/12/19 18:50	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	26.7	0.93	0.47	ug/l	

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 30		
Lab Sample ID:	FA61347-30	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40233.D	20	02/07/19 15:46	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	115	20	6.2	ug/l	
108-88-3	Toluene	201	20	6.0	ug/l	
100-41-4	Ethylbenzene	1240	20	7.1	ug/l	
1330-20-7	Xylene (total)	4230	60	14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	4.6	ug/l	
91-20-3	Naphthalene	452	100	20	ug/l	
107-06-2	1,2-Dichloroethane	ND	20	6.2	ug/l	
108-20-3	Di-Isopropyl Ether	ND	20	4.8	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	1000	200	ug/l	
64-17-5	Ethyl Alcohol	ND	4000	1600	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	40	4.7	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	400	110	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	40	4.9	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	400	110	ug/l	
762-75-4	Tert-Butyl Formate	ND	400	100	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 30		
Lab Sample ID:	FA61347-30	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104864.D	1	02/12/19 15:49	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.22	0.019	0.0093	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 31		
Lab Sample ID:	FA61347-31	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40234.D	250	02/07/19 16:12	SO	n/a	n/a	VY1605
Run #2	Y40254.D	500	02/08/19 12:37	SO	n/a	n/a	VY1606

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	22100	250	78	ug/l	
108-88-3	Toluene	26500 [a]	500	150	ug/l	
100-41-4	Ethylbenzene	2500	250	89	ug/l	
1330-20-7	Xylene (total)	12200	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	384	250	57	ug/l	
91-20-3	Naphthalene	569	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	464	250	78	ug/l	
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	36100	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	3960	5000	1300	ug/l	J
762-75-4	Tert-Butyl Formate	ND	5000	1300	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	103%	79-125%
2037-26-5	Toluene-D8	98%	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	83-118%

(a) Result is from Run# 2

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 31		
Lab Sample ID:	FA61347-31	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104812.D	250	02/12/19 00:15	NM	02/08/19 11:30	OP73744	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	35.0 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	78.2	5.0	2.5	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 28I		
Lab Sample ID:	FA61347-32	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y40235.D	200	02/07/19 16:39	SO	n/a	n/a	VY1605
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	15700	200	62	ug/l	
108-88-3	Toluene	1100	200	60	ug/l	
100-41-4	Ethylbenzene	1890	200	71	ug/l	
1330-20-7	Xylene (total)	6140	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1790	200	46	ug/l	
91-20-3	Naphthalene	483	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	441	200	62	ug/l	
108-20-3	Di-Isopropyl Ether	ND	200	48	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	10000	2000	ug/l	
64-17-5	Ethyl Alcohol	ND	40000	16000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	400	47	ug/l	
75-85-4	Tert-Amyl Alcohol	11800	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	70.2	400	49	ug/l	J
75-65-0	Tert-Butyl Alcohol	1830	4000	1100	ug/l	J
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 28I		
Lab Sample ID:	FA61347-32	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104865.D	10	02/12/19 16:07	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	38.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	3.0	0.18	0.092	ug/l	

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

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

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

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

Report of Analysis

Client Sample ID:	02261 MW 29I		
Lab Sample ID:	FA61347-33	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59756.D	25	02/07/19 11:47	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2200	25	7.8	ug/l	
108-88-3	Toluene	103	25	7.5	ug/l	
100-41-4	Ethylbenzene	556	25	8.9	ug/l	
1330-20-7	Xylene (total)	1760	75	18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	90.8	25	5.7	ug/l	
91-20-3	Naphthalene	262	130	25	ug/l	
107-06-2	1,2-Dichloroethane	43.2	25	7.8	ug/l	
108-20-3	Di-Isopropyl Ether	ND	25	6.0	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	1300	250	ug/l	
64-17-5	Ethyl Alcohol	ND	5000	2000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	50	5.9	ug/l	
75-85-4	Tert-Amyl Alcohol	5400	500	130	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	50	6.1	ug/l	
75-65-0	Tert-Butyl Alcohol	592	500	130	ug/l	
762-75-4	Tert-Butyl Formate	ND	500	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 29I		
Lab Sample ID:	FA61347-33	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104875.D	5	02/12/19 19:08	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	1.7	0.093	0.047	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		63-137%

(a) All hits confirmed by dual column analysis.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 30I		
Lab Sample ID:	FA61347-34	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59757.D	250	02/07/19 12:10	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	16100	250	78	ug/l	
108-88-3	Toluene	3210	250	75	ug/l	
100-41-4	Ethylbenzene	2790	250	89	ug/l	
1330-20-7	Xylene (total)	11700	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	813	250	57	ug/l	
91-20-3	Naphthalene	921	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	247	250	78	ug/l	J
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	8290	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	5000	1300	ug/l	
762-75-4	Tert-Butyl Formate	ND	5000	1300	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	93%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 30I		
Lab Sample ID:	FA61347-34	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104866.D	25	02/12/19 16:25	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	38.1 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	18.9	0.46	0.23	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 31I		
Lab Sample ID:	FA61347-35	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59758.D	50	02/07/19 12:34	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3840	50	16	ug/l	
108-88-3	Toluene	351	50	15	ug/l	
100-41-4	Ethylbenzene	348	50	18	ug/l	
1330-20-7	Xylene (total)	1970	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	332	50	11	ug/l	
91-20-3	Naphthalene	169	250	50	ug/l	J
107-06-2	1,2-Dichloroethane	114	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	8740	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	18.1	100	12	ug/l	J
75-65-0	Tert-Butyl Alcohol	1570	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 31I		
Lab Sample ID:	FA61347-35	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104867.D	2	02/12/19 16:43	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	1.1	0.037	0.019	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	02261 TW 1		
Lab Sample ID:	FA61347-36	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59766.D	1	02/07/19 15:43	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	108%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

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

Report of Analysis

Client Sample ID:	02261 TW 1		
Lab Sample ID:	FA61347-36	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104848.D	1	02/12/19 10:59	NM	02/11/19 13:15	OP73761	GDD3021
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 2		
Lab Sample ID:	FA61347-37	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59767.D	1	02/07/19 16:07	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 TW 2		
Lab Sample ID:	FA61347-37	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104851.D	1	02/12/19 11:54	NM	02/11/19 13:15	OP73761	GDD3021
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		63-137%

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

Report of Analysis

Client Sample ID:	02261 TW 3		
Lab Sample ID:	FA61347-38	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59768.D	1	02/07/19 16:30	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 3		
Lab Sample ID:	FA61347-38	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104906.D	1	02/13/19 04:25	NM	02/12/19 14:20	OP73781	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2		

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	182% [a]		63-137%

(a) Outside control limits. Suspected double surrogate; however, sample was ND.

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

Report of Analysis

Client Sample ID:	02261 TW 4		
Lab Sample ID:	FA61347-39	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59778.D	50	02/07/19 20:26	AJ	n/a	n/a	VI1820
Run #2	I59762.D	100	02/07/19 14:09	AJ	n/a	n/a	VI1820

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	9400 [a]	100	31	ug/l	
108-88-3	Toluene	140	50	15	ug/l	
100-41-4	Ethylbenzene	711	50	18	ug/l	
1330-20-7	Xylene (total)	645	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1550	50	11	ug/l	
91-20-3	Naphthalene	273	250	50	ug/l	
107-06-2	1,2-Dichloroethane	324	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	9980	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	47.1	100	12	ug/l	J
75-65-0	Tert-Butyl Alcohol	1790	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	102%	79-125%
2037-26-5	Toluene-D8	99%	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	101%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 TW 4		
Lab Sample ID:	FA61347-39	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104827.D	1	02/12/19 04:43	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.45	0.019	0.0093	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 5		
Lab Sample ID:	FA61347-40	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59777.D	1	02/07/19 20:03	AJ	n/a	n/a	VI1820
Run #2	I59763.D	2.5	02/07/19 14:32	AJ	n/a	n/a	VI1820

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	82.8 [a]	2.5	0.78	ug/l	
108-88-3	Toluene	4.0	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	19.3	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	39.9	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	10.7	1.0	0.23	ug/l	
91-20-3	Naphthalene	10.1	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	3.6	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.27	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	455	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.82	2.0	0.24	ug/l	J
75-65-0	Tert-Butyl Alcohol	114	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%	88%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	101%	79-125%
2037-26-5	Toluene-D8	98%	99%	85-112%
460-00-4	4-Bromofluorobenzene	106%	101%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 TW 5		
Lab Sample ID:	FA61347-40	**Date Sampled:**	01/31/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104836.D	1	02/12/19 07:24	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 6		
Lab Sample ID:	FA61347-41	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59769.D	1	02/07/19 16:54	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 6		
Lab Sample ID:	FA61347-41	**Date Sampled:**	02/01/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104853.D	1	02/12/19 12:30	NM	02/11/19 13:15	OP73761	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.4 ml	2.0 ml
Run #2		

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	113%		63-137%

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

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

Report of Analysis

Client Sample ID:	02261 DUP A		
Lab Sample ID:	FA61347-42	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59759.D	50	02/07/19 12:58	AJ	n/a	n/a	VI1820
Run #2	I59774.D	500	02/07/19 18:52	AJ	n/a	n/a	VI1820

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	22400 [a]	500	160	ug/l	
108-88-3	Toluene	812	50	15	ug/l	
100-41-4	Ethylbenzene	1650	50	18	ug/l	
1330-20-7	Xylene (total)	8140	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2950	50	11	ug/l	
91-20-3	Naphthalene	453	250	50	ug/l	
107-06-2	1,2-Dichloroethane	802	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	40500	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	19.7	100	12	ug/l	J
75-65-0	Tert-Butyl Alcohol	30800	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	110%	79-125%
2037-26-5	Toluene-D8	99%	100%	85-112%
460-00-4	4-Bromofluorobenzene	94%	100%	83-118%

(a) Result is from Run# 2

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 DUP A		
Lab Sample ID:	FA61347-42	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104868.D	50	02/12/19 17:01	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	41.1	0.93	0.46	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	02261 DUP B		
Lab Sample ID:	FA61347-43	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59760.D	50	02/07/19 13:21	AJ	n/a	n/a	VI1820
Run #2	I59775.D	500	02/07/19 19:16	AJ	n/a	n/a	VI1820

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	12000 [a]	500	160	ug/l	
108-88-3	Toluene	20100 [a]	500	150	ug/l	
100-41-4	Ethylbenzene	1730	50	18	ug/l	
1330-20-7	Xylene (total)	10100	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	217	50	11	ug/l	
91-20-3	Naphthalene	623	250	50	ug/l	
107-06-2	1,2-Dichloroethane	224	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	19300	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	32.5	100	12	ug/l	J
75-65-0	Tert-Butyl Alcohol	1730	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	102%	79-125%
2037-26-5	Toluene-D8	101%	101%	85-112%
460-00-4	4-Bromofluorobenzene	94%	106%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 DUP B		
Lab Sample ID:	FA61347-43	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104871.D	200	02/12/19 17:56	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	127	3.7	1.8	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 DUP C		
Lab Sample ID:	FA61347-44	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59761.D	50	02/07/19 13:45	AJ	n/a	n/a	VI1820
Run #2	I59776.D	500	02/07/19 19:39	AJ	n/a	n/a	VI1820

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	16700 [a]	500	160	ug/l	
108-88-3	Toluene	23400 [a]	500	150	ug/l	
100-41-4	Ethylbenzene	2260	50	18	ug/l	
1330-20-7	Xylene (total)	13000	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	608	50	11	ug/l	
91-20-3	Naphthalene	617	250	50	ug/l	
107-06-2	1,2-Dichloroethane	414	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	ND	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	2500	500	ug/l	
64-17-5	Ethyl Alcohol	ND	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	43500	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	35.9	100	12	ug/l	J
75-65-0	Tert-Butyl Alcohol	5680	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	108%	79-125%
2037-26-5	Toluene-D8	107%	101%	85-112%
460-00-4	4-Bromofluorobenzene	100%	89%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 DUP C		
Lab Sample ID:	FA61347-44	**Date Sampled:**	01/30/19
Matrix:	AQ - Ground Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD104872.D	200	02/12/19 18:14	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	84.6	3.7	1.9	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	02261 FB 1		
Lab Sample ID:	FA61347-45	**Date Sampled:**	01/30/19
Matrix:	AQ - Field Blank Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59770.D	1	02/07/19 17:18	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 FB 1		
Lab Sample ID:	FA61347-45	**Date Sampled:**	01/30/19
Matrix:	AQ - Field Blank Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104831.D	1	02/12/19 05:55	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2		

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	77%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TB		
Lab Sample ID:	FA61347-46	**Date Sampled:**	01/30/19
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59771.D	1	02/07/19 17:42	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TB		
Lab Sample ID:	FA61347-46	**Date Sampled:**	01/30/19
Matrix:	AQ - Trip Blank Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104832.D	1	02/12/19 06:13	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW FIELD BLANK 2		
Lab Sample ID:	FA61347-51	**Date Sampled:**	01/31/19
Matrix:	AQ - Field Blank Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59772.D	1	02/07/19 18:05	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW FIELD BLANK 2		
Lab Sample ID:	FA61347-51	**Date Sampled:**	01/31/19
Matrix:	AQ - Field Blank Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104839.D	1	02/12/19 08:18	NM	02/11/19 13:15	OP73760	GDD3021
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	74%		63-137%

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

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

Report of Analysis

Client Sample ID:	02261 MW FB 3		
Lab Sample ID:	FA61347-52	**Date Sampled:**	02/01/19
Matrix:	AQ - Field Blank Water	**Date Received:**	02/05/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I59773.D	1	02/07/19 18:29	AJ	n/a	n/a	VI1820
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW FB 3		
Lab Sample ID:	FA61347-52	**Date Sampled:**	02/01/19
Matrix:	AQ - Field Blank Water	**Date Received:**	02/05/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD104854.D	1	02/12/19 12:48	NM	02/11/19 13:15	OP73761	GDD3021
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		63-137%

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

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

Subcontract Lab Data

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Report of Analysis

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

SGS North America Inc. - Orlando
4405 Vineland Rd
Suite C-15
Orlando, FL 32811
Attention: Muna Mohammed

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Project Name: Carolina Country Convenience

Lot Number:**UB09017**

Date Completed:02/15/2019

02/20/2019 4:21 PM
Approved and released by:
Lab Director - Greenville: Lucas Odom

The electronic signature above is the equivalent of a handwritten signature.
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Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Case Narrative
SGS North America Inc. - Orlando
Lot Number: UB09017

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

Sample Summary
SGS North America Inc. - Orlando
Lot Number: UB09017

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	02261 PW 3	Aqueous	02/01/2019 0939	02/08/2019
002	02261 DUP D	Aqueous	02/01/2019 1245	02/08/2019
003	02261 PW FIELD BLANK	Aqueous	02/01/2019 0749	02/08/2019
004	02261 PW TRIP BLANK	Aqueous	02/01/2019 0730	02/08/2019

(4 samples)

Detection Summary
SGS North America Inc. - Orlando
Lot Number: UB09017

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(0 detections)

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Client: **SGS North America Inc. - Orlando**	Laboratory ID: **UB09017-001**
Description: **02261 PW 3**	Matrix: **Aqueous**
Date Sampled: **02/01/2019 0939**	
Date Received: **02/08/2019**	

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	02/12/2019 1117	JJG		97256

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		116	70-130
Toluene-d8		115	70-130

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	02/14/2019 2215	KGT		97617

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		99	70-130
1,2-Dichlorobenzene-d4		88	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	02/11/2019 1625	DAL1	02/11/2019 0901	97117

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0039	ug/L	1

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Client: **SGS North America Inc. - Orlando**
Description: **02261 PW 3**
Date Sampled: **02/01/2019 0939**
Date Received: **02/08/2019**

Laboratory ID: **UB09017-001**
Matrix: **Aqueous**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		92	57-137

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LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Client: **SGS North America Inc. - Orlando**
Description: **02261 DUP D**
Date Sampled: **02/01/2019 1245**
Date Received: **02/08/2019**

Laboratory ID: **UB09017-002**
Matrix: **Aqueous**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	02/12/2019 1140	JJG		97256

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		114	70-130
Toluene-d8		117	70-130

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	02/14/2019 2241	KGT		97617

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		92	70-130
1,2-Dichlorobenzene-d4		94	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	02/11/2019 1637	DAL1	02/11/2019 0901	97117

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.020	0.0039	ug/L	1

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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Client: **SGS North America Inc. - Orlando**
Description: **02261 DUP D**
Date Sampled: **02/01/2019 1245**
Date Received: **02/08/2019**

Laboratory ID: **UB09017-002**
Matrix: **Aqueous**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		87	57-137

5

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UB09017-003**
Description: **02261 PW FIELD BLANK** Matrix: **Aqueous**
Date Sampled: **02/01/2019 0749**
Date Received: **02/08/2019**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	02/12/2019 1203	JJG		97256

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		107	70-130
Bromofluorobenzene		119	70-130
Toluene-d8		122	70-130

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	02/14/2019 2125	KGT		97617

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		97	70-130
1,2-Dichlorobenzene-d4		98	70-130

EDB & DBCP by Microextraction

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	02/11/2019 1649	DAL1	02/11/2019 0901	97117

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.020	0.0039	ug/L	1

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Client: **SGS North America Inc. - Orlando**
Description: **02261 PW FIELD BLANK**
Date Sampled: **02/01/2019 0749**
Date Received: **02/08/2019**

Laboratory ID: **UB09017-003**
Matrix: **Aqueous**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		88	57-137

5

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UB09017-004**
Description: **02261 PW TRIP BLANK** Matrix: **Aqueous**
Date Sampled: **02/01/2019 0730**
Date Received: **02/08/2019**

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	02/12/2019 1228	JJG		97256

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
tert-Amyl alcohol (TAA)	75-85-4	8260B	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260B	ND		10	0.42	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		98	70-130
Bromofluorobenzene		114	70-130
Toluene-d8		114	70-130

Volatile Organic Compounds by GC/MS

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	02/14/2019 2150	KGT		97617

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		99	70-130
1,2-Dichlorobenzene-d4		96	70-130

LOQ = Limit of Quantitation
ND = Not detected at or above the DL
H = Out of holding time
B = Detected in the method blank
N = Recovery is out of criteria
W = Reported on wet weight basis
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
DL = Detection Limit
J = Estimated result < LOQ and ≥ DL

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QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ97256-001
Batch: 97256
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
Diisopropyl ether (IPE)	ND		1	1.0	0.40	ug/L	02/12/2019 1019
Ethanol	ND		1	100	52	ug/L	02/12/2019 1019
3,3-Dimethyl-1-butanol	ND		1	20	8.0	ug/L	02/12/2019 1019
Ethyl-tert-butyl ether (ETBE)	ND		1	1.0	0.40	ug/L	02/12/2019 1019
tert-Amyl alcohol (TAA)	ND		1	20	8.0	ug/L	02/12/2019 1019
tert-Amyl methyl ether (TAME)	ND		1	10	0.42	ug/L	02/12/2019 1019
tert-butyl alcohol (TBA)	ND		1	20	8.0	ug/L	02/12/2019 1019
tert-Butyl formate (TBF)	ND		1	5.0	2.0	ug/L	02/12/2019 1019

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		107	70-130
Bromofluorobenzene		117	70-130
Toluene-d8		120	70-130

5

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ97256-002
Batch: 97256
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Diisopropyl ether (IPE)	50	65		1	130	70-130	02/12/2019 0932
Ethanol	5000	5500		1	110	70-130	02/12/2019 0932
3,3-Dimethyl-1-butanol	1000	1200		1	116	70-130	02/12/2019 0932
Ethyl-tert-butyl ether (ETBE)	50	60		1	120	70-130	02/12/2019 0932
tert-Amyl alcohol (TAA)	1000	1100		1	107	70-130	02/12/2019 0932
tert-Amyl methyl ether (TAME)	50	59		1	118	70-130	02/12/2019 0932
tert-butyl alcohol (TBA)	1000	1100		1	105	70-130	02/12/2019 0932
tert-Butyl formate (TBF)	250	320		1	127	70-130	02/12/2019 0932

Surrogate	Q	% Rec	Acceptance Limit
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		114	70-130
Toluene-d8		114	70-130

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ97617-001
Batch: 97617
Analytical Method: 524.2

Matrix: Aqueous
Prep Method: 524.2

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
Benzene	ND		1	0.50	0.40	ug/L	02/14/2019 2040
1,2-Dichloroethane	ND		1	0.50	0.40	ug/L	02/14/2019 2040
Ethylbenzene	ND		1	0.50	0.40	ug/L	02/14/2019 2040
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.40	ug/L	02/14/2019 2040
Naphthalene	ND		1	0.50	0.40	ug/L	02/14/2019 2040
Toluene	ND		1	0.50	0.40	ug/L	02/14/2019 2040
Xylenes (total)	ND		1	0.50	0.40	ug/L	02/14/2019 2040

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		97	70-130
1,2-Dichlorobenzene-d4		98	70-130

5

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ97617-002
Batch: 97617
Analytical Method: 524.2

Matrix: Aqueous
Prep Method: 524.2

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	5.0	4.9		1	98	70-130	02/14/2019 2003
1,2-Dichloroethane	5.0	4.4		1	87	70-130	02/14/2019 2003
Ethylbenzene	5.0	4.9		1	98	70-130	02/14/2019 2003
Methyl tertiary butyl ether (MTBE)	5.0	5.2		1	104	70-130	02/14/2019 2003
Naphthalene	5.0	5.4		1	108	70-130	02/14/2019 2003
Toluene	5.0	4.9		1	98	70-130	02/14/2019 2003
Xylenes (total)	10	9.4		1	94	70-130	02/14/2019 2003

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		102	70-130
1,2-Dichlorobenzene-d4		90	70-130

5

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

EDB & DBCP by Microextraction - MB

Sample ID: UQ97117-001
Batch: 97117
Analytical Method: 504.1

Matrix: Aqueous
Prep Method: 504.1
Prep Date: 02/11/2019 901

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
1,2-Dibromoethane (EDB)	ND		1	0.020	0.0040	ug/L	02/11/2019 1212

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		89	57-137

5

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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EDB & DBCP by Microextraction - LCS

Sample ID: UQ97117-002
Batch: 97117
Analytical Method: 504.1

Matrix: Aqueous
Prep Method: 504.1
Prep Date: 02/11/2019 901

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,2-Dibromoethane (EDB)	0.25	0.21		1	84	70-130	02/11/2019 1224

Surrogate	Q	% Rec	Acceptance Limit
1,1,1,2-Tetrachloroethane		90	57-137

5

LOQ = Limit of Quantitation
DL = Detection Limit
LOD = Limit of Detection

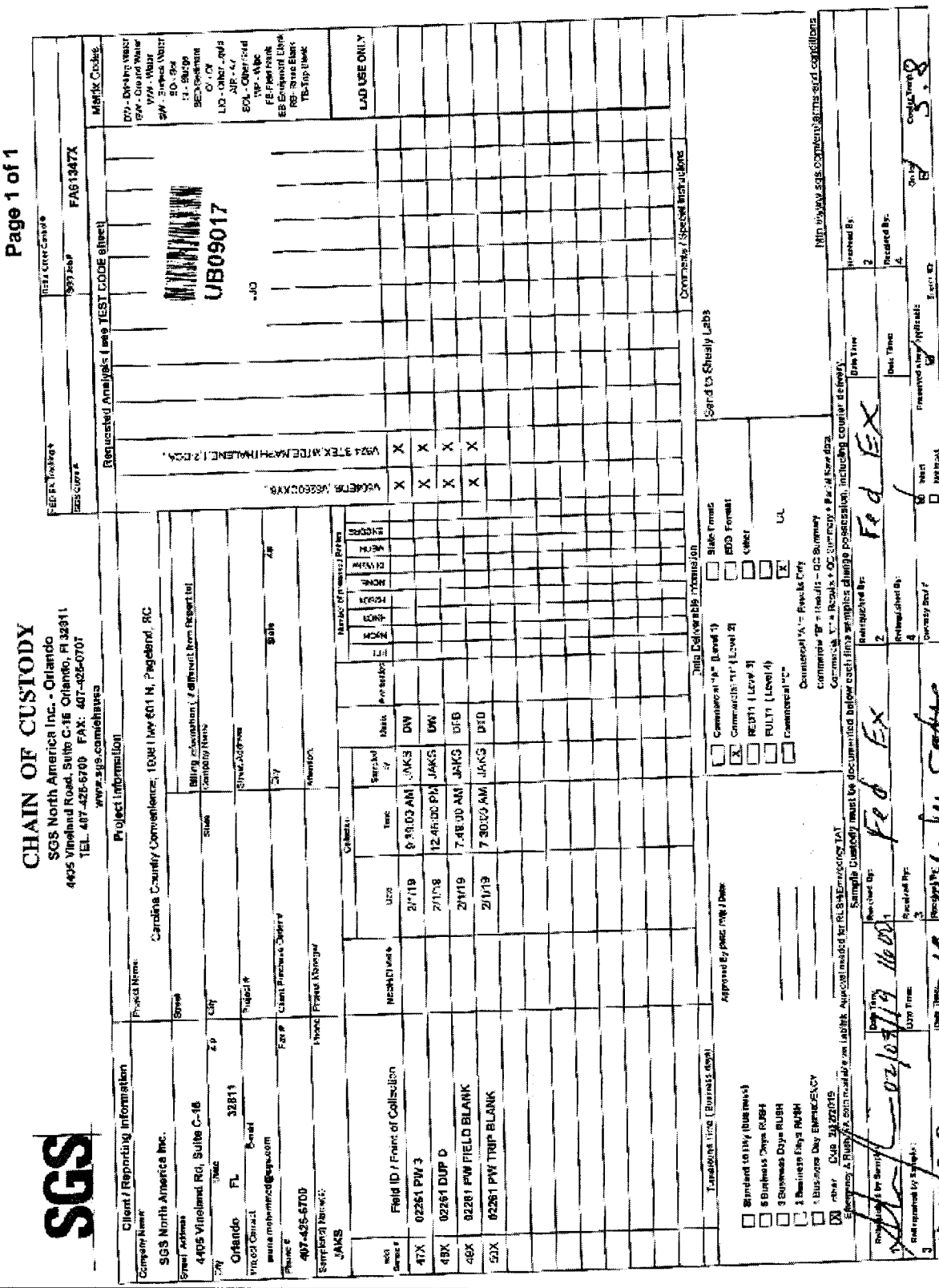
P = The RPD between two GC columns exceeds 40%
J = Estimated result < LOQ and ≥ DL
ND = Not detected at or above the DL

N = Recovery is out of criteria
+ = RPD is out of criteria

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

5

Chain of Custody
and
Miscellaneous Documents



CHAIN OF CUSTODY

SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL: 407-425-6700 FAX: 407-425-6707
www.sgs.com/ehsusa

Page 1 of 1

SGS

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4405 Vineland Rd, Suite C-15
City: Orlando State: FL Zip: 32811
Project Contact: maria.mohammed@sgs.com
Phone #: 407-425-6700
Sampler(s) Name(s): JAKS

Project Information

Project Name: Carolina County Convenience; 1008 Hwy 601 N, Pageland, SC
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

FED EX Tracking #: 7888 4344 6909
SGS Quote #:
SGS Job #: FA61347X

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

LAB USE ONLY

UB09017

JO

Sample #	Field ID / Point of Collection	MatrixCode	Date	Time	Sampled by	Matrix	# of bottles	HCl	HNO3	H2SO4	NONE	DI Water	NaOH	ZnAc/NaOH	Other	VOA 8260 BTEX, MTBE, Naphthalene, 1,2 DCA	VOA 8260 BTEX, MTBE, Naphthalene, 1,2 DCA, EDB	LAB USE ONLY
47X	02261 PW 3		2/1/19	9:30:00 AM	JAKS	DW										X	X	
48X	02261 DUP D		2/1/19	12:45:00 PM	JAKS	DW										X	X	
49X	02261 PW FIELD BLANK		2/1/19	7:45:00 AM	JAKS	DW										X	X	
52X	02261 PW TRIP BLANK		2/1/19	7:30:00 AM	JAKS	DW										X	X	

Turnaround Time (Business days)

- Standard 10 Day (Business)
- 5 Business Days RUSH
- 3 Business Days RUSH
- 2 Business Days RUSH
- 1 Business Day EMERGENCY
- other Due 2/4/2019

Emergency & Rush TAT (call for availability) Approved/Authorized for RUSH/Emergency TAT

Approved By (SGS PM) / Date:

Data Deliverable Information

- Commercial "A" (Level 1)
- Commercial "B" (Level 2)
- RCP1 (Level 3)
- FULL1 (Level 4)
- Commercial "C"

- State Format
- EDD Format
- Other
- UL

Comments / Special Instructions

Send to Shealy Labs

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Raw Sample data

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

	Relinquished by	Date Time	Received By:	Date Time
1			2	
3			4	
5				

Preservation Used: Ice Y / N

Custody Seal # Intact Y / N / NA

Cooler Temp. 3.8

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Shealy Environmental Services, Inc.
Document Number: ME0018C-14

Effective Date: 8/2/2018

Sample Receipt Checklist (SRC)

Client: SGS Cooler Inspected by/date: LKH/2-9-19 Lot #: 1B09017

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☒ FedEx ☐ Other: ____

☒ Yes	☐ No		1. Were custody seals present on the cooler?
☒ Yes	☐ No	☐ NA	2. If custody seals were present, were they intact and unbroken?

pH Strip ID: ____ Chlorine Strip ID: ____ Tested by: ____

Original temperature upon receipt / Derived (Corrected) temperature upon receipt: %Solid Snap-Cup ID: ____

5.8/5.8 °C ___/___ °C ___/___ °C ___/___ °C

Method: ☒ Temperature Blank ☐ Against Bottles IR Gun ID: 5 IR Gun Correction Factor: 0 °C

Method of coolant: ☒ Wet Ice ☐ Ice Packs ☐ Dry Ice ☐ None

☐ Yes	☐ No	☒ NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one).
☒ Yes	☐ No	☐ NA	4. Is the commercial courier's packing slip attached to this form?
☒ Yes	☐ No		5. Were proper custody procedures (relinquished/received) followed?
☒ Yes	☐ No		6. Were sample IDs listed on the COC?
☒ Yes	☐ No		7. Were sample IDs listed on all sample containers?
☒ Yes	☐ No		8. Was collection date & time listed on the COC?
☒ Yes	☐ No		9. Was collection date & time listed on all sample containers?
☒ Yes	☐ No		10. Did all container label information (ID, date, time) agree with the COC?
☒ Yes	☐ No		11. Were tests to be performed listed on the COC?
☒ Yes	☐ No		12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)? ____
☒ Yes	☐ No		13. Was adequate sample volume available?
☒ Yes	☐ No		14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
☐ Yes	☒ No		15. Were any samples containers missing/excess (circle one) samples Not listed on COC?
☐ Yes	☒ No	☐ NA	16. For VOA and RSK-175 samples, were bubbles present >"pea-size" (¼"or 6mm in diameter) in any of the VOA vials?
☐ Yes	☐ No	☒ NA	17. Were all DRO/metals/nutrient samples received at a pH of < 2?
☐ Yes	☐ No	☒ NA	18. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
☐ Yes	☐ No	☒ NA	19. Were all applicable NH_3/TKN/cyanide/phenol/625 (< 0.5mg/L) samples free of residual chlorine?
☐ Yes	☐ No	☒ NA	20. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc…) correctly transcribed from the COC into the comment section in LIMS?
☐ Yes	☒ No		21. Was the quote number listed on the container label? If yes, Quote # ____

Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)

Sample(s) ____ ____ were received incorrectly preserved and were adjusted accordingly in sample receiving with ____ mL of circle one: H2SO4, HNO3, HCl, NaOH using SR # ____.
Time of preservation ____. If more than one preservative is needed, please note in the comments below.

Sample(s) ____ ____ were received with bubbles >6 mm in diameter.

Samples(s) ____ ____ were received with TRC > 0.5 mg/L (If #19 is *no*) and were adjusted accordingly in sample receiving with sodium thiosulfate ($Na_2S_2O_3$) with Shealy ID: ____.

SR barcode labels applied by: LKH Date: 2-9-19

Comments:

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

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

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

SGS FA61347

SGS North America Inc - Orlando

Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, Fl 32811
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www.sgs.com

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SGS - ORLANDO JOB #: PAGE 1 OF 5

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc
Address: 3502 Hayes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Bell Email: wshs5
Phone #: 704-845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Justin Armentrout Sampler 2: Kerlen Schmidt

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601
City: Pageland State: SC
Project #: 3289
PO #: UST permit #02261
Client Purchase Order #

Analytical Information

BTEX + MTBE + Naphthalene (8260B) Biodegradable by $36.4
EDD by 6/01

Matrix Codes

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

SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MEOH	BTEX + MTBE + Naphthalene (8260B) Biodegradable by $36.4	EDD by 6/01	LAB USE ONLY
1	02261 MW1	1/30/19	1123	KS	GW	5			X							X	X	
2	02261 MW2	1/31/19	1416	JA	GW	5			X							X	X	
3	02261 MW 3	2/1/19	1055	KS	GW	5			X							X	X	
4	02261 MW 4	2/1/19	1036	JA	GW	5			X							X	X	
5	02261 MW 5	2/1/19	1012	JA	GW	5			X							X	X	
6	02261 MW 6	1/30/19	1154	KS	GW	5			X							X	X	
7	02261 MW 7	2/1/19	1231	JA	GW	5			X							X	X	
8	02261 MW 8	2/1/19	1320	JA	GW	5			X							X	X	
9	02261 MW 9	2/1/19	1424	JA	GW	5			X							X	X	
10	02261 MW 10	1/30/19	1217	KS	GW	5			X							X	X	
11	02261 MW 11	1/31/19	1210	JA	GW	5			X							X	X	
12	02261 MW 12	1/30/19	1630	JA	GW	5			X							X	X	

Turnaround Time (Business days)

10 Day (Business)
7 Day
5 Day
3 Day *RUSH*
2 Day *RUSH*
1 Day *RUSH*
Other
Approved By: / Date:
Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SCDHEC UST MGMT Division
UST Permit #02261

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

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	2/4/19	2 FedEx 812565572320	3 Fed Ex		4 02/05/19
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

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FA61347: Chain of Custody
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SGS North America Inc - Orlando

SGS FA61347

Chain of Custody

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www.sgs.com

SGS - ORLANDO JOB # : PAGE 2 OF 5

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 3502 Hayes Rd.
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: wsb@
Phone #: (704) 845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Sampler 2:

Project Information

Project Name: Catawba Country Convenience
Street: 1908 Hwy 601
City: Pageland State: SC
Project #: UST Permit # 02261
Client Purchase Order #: Project # 3289

Analytical Information

BTEX MTBE Naphthalene 1,2 DCA OXY by 8260
EDDs by 8011

Matrix Codes

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

SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	CONTAINER INFORMATION	LAB USE ONLY
13	02261 MW 13	2/1/19	0904	KS	GW	5	HCl X	
14	02261 MW 14	1/30/19	1971	KS	GW	5	HCl X	
15	02261 MW 15	1/30/19	1119	JA	GW	5	HCl X	
16	02261 MW 16	2/1/19	1255	JA	GW	5	HCl X	
17	02261 MW 17	2/1/19	1341	JA	GW	5	HCl X	
18	02261 MW 18	2/1/19	1405	JA	GW	5	HCl X	
19	02261 MW 19	1/30/19	1155	JA	GW	5	HCl X	
20	02261 MW 20	1/31/19	1242	JA	GW	5	HCl X	
21	02261 MW 21	1/30/19	1631	KS	GW	5	HCl X	
22	02261 MW 22	1/31/19	1319	JA	GW	5	HCl X	
23	02261 MW 23	1/30/19	1346	JA	GW	5	HCl X	
24	02261 MW 24	2/1/19	0905	JA	GW	5	HCl X	

Turnaround Time (Business days)

10 Day (Business) Approved By: / Date:
7 Day
5 Day
3 Day *RUSH*
2 Day *RUSH*
1 Day *RUSH*
Other
Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SCDHEC UST Management Division
UST Permit # 02261

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

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	2/4/19	2 FedEx 812 565572320	3 Fed Ex		4 02/05/19
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

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SGS North America Inc - Orlando

Chain of Custody

SGS FA61347

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SGS - ORLANDO JOB #: PAGE 3 OF 5

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc
Address: 3502 Hayes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Bell Email: wsb6
Phone #: 704 845 4010
Sampler(s) Name(s) (Printed)
Sampler 1: Justin Armentrout Sampler 2: Kaitlin Stilwell

Project Information

Project Name: Carolina Country Convenience
Street: 908 Hwy 601
City: Pageland State: SC
Project #: 3289
Fax #: UST permit # 02261
Client Purchase Order #

Analytical Information

BTEX, MTBE, Naphthalene, 1,2 DCA by 8260 + 5 oxygenates
EDB by 8011

Matrix Codes

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

SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	CONTAINER INFORMATION: OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZNAc	DI WATER	MEOH	LAB USE ONLY
25	02261 MW 25	1/1/19	1104	JA	GW	5			X							
26	02261 MW 26	1/1/19	1031	KS	GW	5			X							
27	02261 MW 27	1/1/19	0955	JA	GW	5			X							
28	02261 MW 28	1/30/19	1513	JA	GW	5			X							
29	02261 MW 29	1/31/19	0941	JA	GW	5			X							
30	02261 MW 30	1/30/19	1250	JA	GW	5			X							
31	02261 MW 31	1/30/19	1555	JA	GW	5			X							
32	02261 MW 28 I	1/30/19	1507	KS	GW	5			X							
33	02261 MW 29 I	1/31/19	1106	JA	GW	5			X							
34	02261 MW 30 I	1/30/19	1256	KS	GW	5			X							
35	02261 MW 31 I	1/30/19	1549	KS	GW	5			X							
36	02261 TW 1	1/1/19	1229	KS	GW	5			X							

Turnaround Time (Business days)

10 Day (Business) — Approved By: / Date:
7 Day
5 Day
3 Day *RUSH*
2 Day *RUSH*
1 Day *RUSH*
Other
Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SCDHEC UST MGMT Division
UST permit # 02261

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

	Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1		2/4/19	2 FedEx 812 5655 72329	3 Fed Ex		4 02/05/19
5	Relinquished by/Affiliation	Date Time:	6 Received By/Affiliation	7 Relinquished By/Affiliation	Date Time:	8 Received By/Affiliation

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

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FA61347: Chain of Custody
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SGS FA61347

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Chain of Custody

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SGS - ORLANDO JOB # : PAGE 4 OF 5

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc
Address: 3502 Hayes Rd
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: WSB@
Phone #: (704) 845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Sampler 2:

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601
City: Pageland State: SC
Project #: 3289
Fax #: UST Permit # 022261
Client Purchase Order #

Analytical Information

SGS Orlando Sample #	Field ID / Point of Collection	DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MeOH	BTEX, MTBE, Naphthalene 1,2-DCA, 8260 by 8260	EDB by 504.2	BTEX/MTBE/Naphthalene 1,2-DCA 524.2	8260 by 8260	EDB 504.1	LAB USE ONLY
37	022261 TW 2	2/1/19	1380	KS	GW	5			X							X	X				
38	022261 TW 3	2/1/19	1420	KS	GW	5			X							X	X	X			
39	022261 TW 4	1/30/19	1340	KS	GW	5			X							X	X	X			
40	022261 TW 5	1/31/19	1030	KS	GW	5			X							X	X	X			
41	022261 TW 6	2/1/19	0927	KS	GW	5			X							X	X	X			
42	022261 DUP A	1/30/19	1200	KS	GW	5			X							X	X	X			
43	022261 DUP B	1/30/19	1215	KS	GW	5			X							X	X	X			
44	022261 DUP C	1/30/19	1230	KS	GW	5			X							X	X	X			
45	022261 MW FB1	1/30/19	0850	KS	GW	25			X							X	X	X			
46	022261 MW TB	1/30/19	0930	JA	WG	2			X							X					
47	022261 PW3	2/1/19	0934	KS	DW	4	X		X									X	X	X	
48	022261 DUP D	2/1/19	1245	KS	DW	4	X		X									X	X	X	

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

Turnaround Time (Business days)

Approved By: / Date:

- 10 Day (Business)
- 7 Day
- 5 Day
- 3 Day *RUSH*
- 2 Day *RUSH*
- 1 Day *RUSH*
- Other

Rush T/A Date Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [X] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [X] EDD'S

Comments / Remarks

SCDHEC UST Management Division
UST Permit # 022261

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

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	2/4/19	2 FedEx 812565572720	3 FedEx		4 02/05/19
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

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FA61347: Chain of Custody
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SGS North America Inc - Orlando

SGS FA61347

Chain of Custody

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www.sgs.com

SGS - ORLANDO JOB # : PAGE 5 OF 5

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc
Address: 3502 Hayes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: ws665
Phone #: 704-845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Justin Armstrong Sampler 2: Kramer Schmidt

Project Information

Project Name: Carolina Country Convenience
Street: 1909 Hwy 601
City: Pageland State: SC
Project #: 3189
Fax #: UST permit #02261
Client Purchase Order #

Analytical Information

Analysis	Matrix Codes
BTEX, MTBE, Naphthalene by SW8260	DW - Drinking Water
Benzenes by 8260	GW - Ground Water
EDB by SOP 1	WW - Water
BTEX MTBE Naphthalene (1,2 DCA Benzenes by 8260	SW - Surface Water
EDB by SOP 11	SO - Soil
	SL - Sludge
	OI - Oil
	LIQ - Other Liquid
	AIR - Air
	SOL - Other Solid

SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	CONTAINER INFORMATION: OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MeOH	LAB USE ONLY
49	02261 PW Field Blank	2/1/19	0949	KS	DW	9	X		X							
50	02261 PW Trip Blank	2/1/19	0730	KS	WW	4			X							
51	02261 MW Field Blank 2	1/31/19	1003	KS	WW	5			X							

Turnaround Time (Business days)

- 10 Day (Business) — Approved By: / Date:
- 7 Day
- 5 Day
- 3 Day *RUSH*
- 2 Day *RUSH*
- 1 Day *RUSH*
- Other

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [x] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SCDHEC UST Management Division
UST Permit #02261

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

Relinquished by Sampler/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
1	2/4/19	2 FedEx 8125 5572320	3 Fed Ex		4 02/05/19
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only : Cooler Temperature (s) Celsius (corrected):

http://www.sgs.com/en/terms-and-conditions

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

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FA61347: Chain of Custody
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SGS Sample Receipt Summary

Job Number: FA61347 **Client:** GRI **Project:** 3289

Date / Time Received: 2/5/2019 9:15:00 AM **Delivery Method:** FED EX **Airbill #'s:** 8125655723200662

Therm ID: IR 1; **Therm CF:** -0.2; **# of Coolers:** 2

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1); Cooler 2: (2.4);

Cooler Temps (Corrected) °C: Cooler 1: (1.9); Cooler 2: (2.2);

Cooler Information	Y	or	N
1. Custody Seals Present	☑		☐
2. Custody Seals Intact	☑		☐
3. Temp criteria achieved	☑		☐
4. Cooler temp verification	IR Gun		
5. Cooler media	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler	☑		☐	☐
2. Trip Blank listed on COC	☑		☐	☐
	W	**or**	**S**	**N/A**
3. Type Of TB Received	☑		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles	☑		☐	
2. Samples preserved properly	☑		☐	
3. Sufficient volume/containers recvd for analysis:	☑		☐	
4. Condition of sample	Intact			
5. Sample recvd within HT	☑		☐	
6. Dates/Times/IDs on COC match Sample Label	☑		☐	
7. VOCs have headspace	☐		☑	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____ Number of 5035 Field Kits: _____ Number of Lab Filtered Metals: _____

Test Strip Lot #s: pH 0-3 230315 pH 10-12 219813A Other: (Specify) _____ _____

Residual Chlorine Test Strip Lot #: _____

Comments REC'D EXTRA SAMPLE. ID LABEL READS "02661 MW FB 3 on 02/01/2019 @14:32." WILL BE SAMPLE #52.

SM001
Rev. Date 05/24/17

Technician: SHAYLAP Date: 2/5/2019 9:15:00 AM Reviewer: SP Date: 2/5/2019

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FA61347: Chain of Custody
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Responded to by: Muna Mohammed

Response Date: 2/5/19

Response:

Per client analyze sample MW FB 3.

FA61347: Chain of Custody
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MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E545-MB	5E13239.D	1	02/06/19	CV	n/a	n/a	V5E545

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

FA61347-1, FA61347-2, FA61347-3, FA61347-4

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1819-MB	I59731.D	1	02/06/19	AJ	n/a	n/a	VI1819

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

FA61347-5, FA61347-6, FA61347-7, FA61347-8, FA61347-9, FA61347-10, FA61347-11, FA61347-12, FA61347-13, FA61347-14

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1820-MB	I59753.D	1	02/07/19	AJ	n/a	n/a	VI1820

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

FA61347-14, FA61347-33, FA61347-34, FA61347-35, FA61347-36, FA61347-37, FA61347-38, FA61347-39, FA61347-40, FA61347-41, FA61347-42, FA61347-43, FA61347-44, FA61347-45, FA61347-46, FA61347-51, FA61347-52

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	83-118%
17060-07-0	1,2-Dichloroethane-D4	85%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1605-MB	Y40221.D	1	02/07/19	SO	n/a	n/a	VY1605

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

FA61347-15, FA61347-16, FA61347-17, FA61347-18, FA61347-19, FA61347-20, FA61347-21, FA61347-22, FA61347-23, FA61347-24, FA61347-25, FA61347-26, FA61347-27, FA61347-28, FA61347-29, FA61347-30, FA61347-31, FA61347-32

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1606-MB	Y40248.D	1	02/08/19	SO	n/a	n/a	VY1606

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

FA61347-20, FA61347-28, FA61347-31

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E545-BS	5E13238.D	1	02/06/19	CV	n/a	n/a	V5E545

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

FA61347-1, FA61347-2, FA61347-3, FA61347-4

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.5	98	81-122
107-06-2	1,2-Dichloroethane	25	23.7	95	75-125
108-20-3	Di-Isopropyl Ether	25	24.6	98	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1020	82	55-126
64-17-5	Ethyl Alcohol	500	487	97	46-145
100-41-4	Ethylbenzene	25	24.1	96	81-121
637-92-3	Ethyl Tert Butyl Ether	25	24.5	98	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.5	98	72-117
91-20-3	Naphthalene	25	25.8	103	63-132
75-85-4	Tert-Amyl Alcohol	250	238	95	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.5	94	73-122
75-65-0	Tert-Butyl Alcohol	250	254	102	63-129
762-75-4	Tert-Butyl Formate	250	206	82	46-130
108-88-3	Toluene	25	24.2	97	80-120
1330-20-7	Xylene (total)	75	74.0	99	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1819-BS	I59734.D	1	02/06/19	AJ	n/a	n/a	VI1819

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

FA61347-5, FA61347-6, FA61347-7, FA61347-8, FA61347-9, FA61347-10, FA61347-11, FA61347-12, FA61347-13, FA61347-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.5	102	81-122
107-06-2	1,2-Dichloroethane	25	25.7	103	75-125
108-20-3	Di-Isopropyl Ether	25	24.3	97	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1130	90	55-126
64-17-5	Ethyl Alcohol	500	465	93	46-145
100-41-4	Ethylbenzene	25	25.2	101	81-121
637-92-3	Ethyl Tert Butyl Ether	25	24.3	97	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.4	98	72-117
91-20-3	Naphthalene	25	24.7	99	63-132
75-85-4	Tert-Amyl Alcohol	250	231	92	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.6	94	73-122
75-65-0	Tert-Butyl Alcohol	250	260	104	63-129
762-75-4	Tert-Butyl Formate	250	208	83	46-130
108-88-3	Toluene	25	24.9	100	80-120
1330-20-7	Xylene (total)	75	75.3	100	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1820-BS	I59752.D	1	02/07/19	AJ	n/a	n/a	VI1820

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

FA61347-14, FA61347-33, FA61347-34, FA61347-35, FA61347-36, FA61347-37, FA61347-38, FA61347-39, FA61347-40, FA61347-41, FA61347-42, FA61347-43, FA61347-44, FA61347-45, FA61347-46, FA61347-51, FA61347-52

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.9	104	81-122
107-06-2	1,2-Dichloroethane	25	21.1	84	75-125
108-20-3	Di-Isopropyl Ether	25	23.7	95	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1200	96	55-126
64-17-5	Ethyl Alcohol	500	468	94	46-145
100-41-4	Ethylbenzene	25	25.7	103	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.5	94	71-120
1634-04-4	Methyl Tert Butyl Ether	25	23.5	94	72-117
91-20-3	Naphthalene	25	26.9	108	63-132
75-85-4	Tert-Amyl Alcohol	250	240	96	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.7	91	73-122
75-65-0	Tert-Butyl Alcohol	250	264	106	63-129
762-75-4	Tert-Butyl Formate	250	180	72	46-130
108-88-3	Toluene	25	26.0	104	80-120
1330-20-7	Xylene (total)	75	77.4	103	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	84%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1605-BS	Y40220.D	1	02/07/19	SO	n/a	n/a	VY1605

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

FA61347-15, FA61347-16, FA61347-17, FA61347-18, FA61347-19, FA61347-20, FA61347-21, FA61347-22, FA61347-23, FA61347-24, FA61347-25, FA61347-26, FA61347-27, FA61347-28, FA61347-29, FA61347-30, FA61347-31, FA61347-32

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.6	94	81-122
107-06-2	1,2-Dichloroethane	25	22.2	89	75-125
108-20-3	Di-Isopropyl Ether	25	22.2	89	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1360	109	55-126
64-17-5	Ethyl Alcohol	500	442	88	46-145
100-41-4	Ethylbenzene	25	23.3	93	81-121
637-92-3	Ethyl Tert Butyl Ether	25	21.1	84	71-120
1634-04-4	Methyl Tert Butyl Ether	25	23.0	92	72-117
91-20-3	Naphthalene	25	23.3	93	63-132
75-85-4	Tert-Amyl Alcohol	250	238	95	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.5	90	73-122
75-65-0	Tert-Butyl Alcohol	250	254	102	63-129
762-75-4	Tert-Butyl Formate	250	238	95	46-130
108-88-3	Toluene	25	23.2	93	80-120
1330-20-7	Xylene (total)	75	72.3	96	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1606-BS	Y40247.D	1	02/08/19	SO	n/a	n/a	VY1606

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

FA61347-20, FA61347-28, FA61347-31

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.1	92	81-122
108-88-3	Toluene	25	22.8	91	80-120

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	102%	83-118%

7.2.5

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* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA61342-11MS	5E13251.D	25	02/06/19	CV	n/a	n/a	V5E545
FA61342-11MSD	5E13252.D	25	02/06/19	CV	n/a	n/a	V5E545
FA61342-11	5E13262.D	1	02/06/19	CV	n/a	n/a	V5E545

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

FA61347-1, FA61347-2, FA61347-3, FA61347-4

CAS No.	Compound	FA61342-11 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	18.3		625	657	102	625	638	99	3	81-122/14
107-06-2	1,2-Dichloroethane	ND		625	639	102	625	619	99	3	75-125/14
108-20-3	Di-Isopropyl Ether	ND		625	659	105	625	641	103	3	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		31300	24600	79	31300	24800	79	1	55-126/17
64-17-5	Ethyl Alcohol	ND		12500	12800	102	12500	11700	94	9	46-145/30
100-41-4	Ethylbenzene	4.1		625	637	101	625	625	99	2	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		625	638	102	625	628	100	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		625	620	99	625	614	98	1	72-117/14
91-20-3	Naphthalene	ND		625	651	104	625	644	103	1	63-132/25
75-85-4	Tert-Amyl Alcohol	102		6250	6000	94	6250	6230	98	4	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		625	594	95	625	584	93	2	73-122/13
75-65-0	Tert-Butyl Alcohol	187		6250	6490	101	6250	6540	102	1	63-129/27
762-75-4	Tert-Butyl Formate	ND		6250	4980	80	6250	4850	78	3	46-130/33
108-88-3	Toluene	31.3		625	656	100	625	649	99	1	80-120/14
1330-20-7	Xylene (total)	17.5		1880	1940	103	1880	1920	101	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA61342-11	Limits
1868-53-7	Dibromofluoromethane	101%	101%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	105%	104%	79-125%
2037-26-5	Toluene-D8	99%	100%	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA61347-14MS	I59745.D	200	02/06/19	AJ	n/a	n/a	VI1819
FA61347-14MSD	I59746.D	200	02/06/19	AJ	n/a	n/a	VI1819
FA61347-14	I59744.D	200	02/06/19	AJ	n/a	n/a	VI1819

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

FA61347-5, FA61347-6, FA61347-7, FA61347-8, FA61347-9, FA61347-10, FA61347-11, FA61347-12, FA61347-13, FA61347-14

CAS No.	Compound	FA61347-14 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	12500		5000	17400	98	5000	17700	104	2	81-122/14
107-06-2	1,2-Dichloroethane	212		5000	5470	105	5000	5350	103	2	75-125/14
108-20-3	Di-Isopropyl Ether	ND		5000	4980	100	5000	4970	99	0	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		250000	232000	93	250000	234000	94	1	55-126/17
64-17-5	Ethyl Alcohol	ND		100000	92300	92	100000	88900	89	4	46-145/30
100-41-4	Ethylbenzene	1740		5000	6990	105	5000	6840	102	2	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		5000	4930	99	5000	5100	102	3	71-120/14
1634-04-4	Methyl Tert Butyl Ether	195	J	5000	5220	101	5000	5260	101	1	72-117/14
91-20-3	Naphthalene	575	J	5000	5750	104	5000	5780	104	1	63-132/25
75-85-4	Tert-Amyl Alcohol	19500		50000	68500	98	50000	66900	95	2	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		5000	4830	97	5000	4960	99	3	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		50000	55200	110	50000	54200	108	2	63-129/27
762-75-4	Tert-Butyl Formate	ND		50000	37900	76	50000	40000	80	5	46-130/33
108-88-3	Toluene	21200	E	5000	24700	70* [a]	5000	25100	78* [a]	2	80-120/14
1330-20-7	Xylene (total)	10200		15000	26200	107	15000	24800	97	5	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA61347-14	Limits
1868-53-7	Dibromofluoromethane	101%	97%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	103%	101%	79-125%
2037-26-5	Toluene-D8	95%	100%	101%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	95%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA61347-34MS	I59764.D	250	02/07/19	AJ	n/a	n/a	VI1820
FA61347-34MSD	I59765.D	250	02/07/19	AJ	n/a	n/a	VI1820
FA61347-34	I59757.D	250	02/07/19	AJ	n/a	n/a	VI1820

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

FA61347-14, FA61347-33, FA61347-34, FA61347-35, FA61347-36, FA61347-37, FA61347-38, FA61347-39, FA61347-40, FA61347-41, FA61347-42, FA61347-43, FA61347-44, FA61347-45, FA61347-46, FA61347-51, FA61347-52

CAS No.	Compound	FA61347-34 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	16100		6250	20800	75* [a]	6250	20300	67* [a]	2	81-122/14
107-06-2	1,2-Dichloroethane	247	J	6250	6320	97	6250	6360	98	1	75-125/14
108-20-3	Di-Isopropyl Ether	ND		6250	6290	101	6250	5770	92	9	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		313000	285000	91	313000	298000	95	4	55-126/17
64-17-5	Ethyl Alcohol	ND		125000	133000	106	125000	129000	103	3	46-145/30
100-41-4	Ethylbenzene	2790		6250	9100	101	6250	8860	97	3	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		6250	6010	96	6250	5550	89	8	71-120/14
1634-04-4	Methyl Tert Butyl Ether	813		6250	6350	89	6250	6110	85	4	72-117/14
91-20-3	Naphthalene	921	J	6250	6240	85	6250	6180	84	1	63-132/25
75-85-4	Tert-Amyl Alcohol	8290		62500	68400	96	62500	70700	100	3	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		6250	5610	90	6250	5700	91	2	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		62500	70400	113	62500	66600	107	6	63-129/27
762-75-4	Tert-Butyl Formate	ND		62500	40000	64	62500	42300	68	6	46-130/33
108-88-3	Toluene	3210		6250	9350	98	6250	9120	95	2	80-120/14
1330-20-7	Xylene (total)	11700		18800	28700	91	18800	29900	97	4	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA61347-34	Limits
1868-53-7	Dibromofluoromethane	100%	101%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	98%	100%	79-125%
2037-26-5	Toluene-D8	100%	92%	99%	85-112%
460-00-4	4-Bromofluorobenzene	100%	94%	93%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA61347-21MS	Y40236.D	250	02/07/19	SO	n/a	n/a	VY1605
FA61347-21MSD	Y40237.D	250	02/07/19	SO	n/a	n/a	VY1605
FA61347-21	Y40226.D	250	02/07/19	SO	n/a	n/a	VY1605

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

FA61347-15, FA61347-16, FA61347-17, FA61347-18, FA61347-19, FA61347-20, FA61347-21, FA61347-22, FA61347-23, FA61347-24, FA61347-25, FA61347-26, FA61347-27, FA61347-28, FA61347-29, FA61347-30, FA61347-31, FA61347-32

CAS No.	Compound	FA61347-21 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	16200		6250	22000	93	6250	21700	88	1	81-122/14
107-06-2	1,2-Dichloroethane	397		6250	5970	89	6250	5900	88	1	75-125/14
108-20-3	Di-Isopropyl Ether	ND		6250	5640	90	6250	5700	91	1	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		313000	342000	109	313000	346000	111	1	55-126/17
64-17-5	Ethyl Alcohol	ND		125000	101000	81	125000	121000	97	18	46-145/30
100-41-4	Ethylbenzene	2090		6250	8040	95	6250	8010	95	0	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		6250	5250	84	6250	5280	84	1	71-120/14
1634-04-4	Methyl Tert Butyl Ether	418		6250	6350	95	6250	6420	96	1	72-117/14
91-20-3	Naphthalene	449	J	6250	6090	90	6250	6190	92	2	63-132/25
75-85-4	Tert-Amyl Alcohol	45500		62500	109000	102	62500	111000	105	2	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		6250	5600	90	6250	5730	92	2	73-122/13
75-65-0	Tert-Butyl Alcohol	4750	J	62500	68900	103	62500	71000	106	3	63-129/27
762-75-4	Tert-Butyl Formate	ND		62500	52900	85	62500	53900	86	2	46-130/33
108-88-3	Toluene	21300		6250	26700	86	6250	26500	83	1	80-120/14
1330-20-7	Xylene (total)	12200		18800	30800	99	18800	30800	99	0	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA61347-21	Limits
1868-53-7	Dibromofluoromethane	100%	100%	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	96%	103%	79-125%
2037-26-5	Toluene-D8	99%	100%	98%	85-112%
460-00-4	4-Bromofluorobenzene	101%	102%	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA61358-7MS	Y40266.D	2	02/08/19	SO	n/a	n/a	VY1606
FA61358-7MSD	Y40267.D	2	02/08/19	SO	n/a	n/a	VY1606
FA61358-7 [a]	Y40251.D	2	02/08/19	SO	n/a	n/a	VY1606

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

FA61347-20, FA61347-28, FA61347-31

CAS No.	Compound	FA61358-7 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	11.9		50	64.5	105	50	64.0	104	1	81-122/14
108-88-3	Toluene	1.4	J	50	51.6	100	50	50.9	99	1	80-120/14

CAS No.	Surrogate Recoveries	MS	MSD	FA61358-7	Limits
1868-53-7	Dibromofluoromethane	100%	100%	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	98%	104%	79-125%
2037-26-5	Toluene-D8	99%	99%	95%	85-112%
460-00-4	4-Bromofluorobenzene	102%	102%	99%	83-118%

(a) Confirmation run.

* = Outside of Control Limits.

GC Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73744-MB	DD104744.D	1	02/08/19	KH	02/08/19	OP73744	GDD3020

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-31

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	95%	63-137%

8.1.1

8

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73745-MB	DD104753.D	1	02/08/19	KH	02/08/19	OP73745	GDD3020

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-1, FA61347-2, FA61347-6, FA61347-9, FA61347-12, FA61347-13, FA61347-14, FA61347-15, FA61347-17, FA61347-18, FA61347-19, FA61347-20

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	87%	63-137%

8.1.2

8

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73760-MB	DD104817.D	1	02/12/19	NM	02/11/19	OP73760	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-21, FA61347-22, FA61347-23, FA61347-24, FA61347-25, FA61347-28, FA61347-29, FA61347-30, FA61347-32, FA61347-33, FA61347-34, FA61347-35, FA61347-39, FA61347-40, FA61347-42, FA61347-43, FA61347-44, FA61347-45, FA61347-46, FA61347-51

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	110%	63-137%

8.1.3

8

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73761-MB	DD104845.D	1	02/12/19	NM	02/11/19	OP73761	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-26, FA61347-27, FA61347-36, FA61347-37, FA61347-41, FA61347-52

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	103%	63-137%

8.1.4

8

Method Blank Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73781-MB	DD104895.D	1	02/13/19	NM	02/12/19	OP73781	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-3, FA61347-4, FA61347-5, FA61347-7, FA61347-8, FA61347-10, FA61347-11, FA61347-16, FA61347-38

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.020	0.010	ug/l	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	112%	63-137%

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73744-BS	DD104743.D	1	02/08/19	KH	02/08/19	OP73744	GDD3020

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-31

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	102%	63-137%

8.2.1

8

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73745-BS	DD104751.D	1	02/08/19	KH	02/08/19	OP73745	GDD3020

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-1, FA61347-2, FA61347-6, FA61347-9, FA61347-12, FA61347-13, FA61347-14, FA61347-15, FA61347-17, FA61347-18, FA61347-19, FA61347-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.18	72	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	73%	63-137%

8.2.2

8

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73745-BS2	DD104752.D	1	02/08/19	KH	02/08/19	OP73745	GDD3020

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-1, FA61347-2, FA61347-6, FA61347-9, FA61347-12, FA61347-13, FA61347-14, FA61347-15, FA61347-17, FA61347-18, FA61347-19, FA61347-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.19	76	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	78%	63-137%

8.2.3

8

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73760-BS	DD104815.D	1	02/12/19	NM	02/11/19	OP73760	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-21, FA61347-22, FA61347-23, FA61347-24, FA61347-25, FA61347-28, FA61347-29, FA61347-30, FA61347-32, FA61347-33, FA61347-34, FA61347-35, FA61347-39, FA61347-40, FA61347-42, FA61347-43, FA61347-44, FA61347-45, FA61347-46, FA61347-51

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	105%	63-137%

8.2.4

8

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73760-BS2	DD104816.D	1	02/12/19	NM	02/11/19	OP73760	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-21, FA61347-22, FA61347-23, FA61347-24, FA61347-25, FA61347-28, FA61347-29, FA61347-30, FA61347-32, FA61347-33, FA61347-34, FA61347-35, FA61347-39, FA61347-40, FA61347-42, FA61347-43, FA61347-44, FA61347-45, FA61347-46, FA61347-51

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	100%	63-137%

8.2.5

8

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73761-BS	DD104844.D	1	02/12/19	NM	02/11/19	OP73761	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-26, FA61347-27, FA61347-36, FA61347-37, FA61347-41, FA61347-52

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	100%	63-137%

8.2.6

8

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73781-BS	DD104894.D	1	02/13/19	NM	02/12/19	OP73781	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-3, FA61347-4, FA61347-5, FA61347-7, FA61347-8, FA61347-10, FA61347-11, FA61347-16, FA61347-38

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.29	116	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	118%	63-137%

8.2.7

8

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73744-MS	DD104747.D	1	02/08/19	KH	02/08/19	OP73744	GDD3020
FA61281-3	DD104745.D	1	02/08/19	KH	02/08/19	OP73744	GDD3020

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-31

CAS No.	Compound	FA61281-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.225	0.17	76	72-134

CAS No.	Surrogate Recoveries	MS	FA61281-3	Limits
460-00-4	4-Bromofluorobenzene	73%	91%	63-137%

8.3.1

8

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73745-MS	DD104810.D	1	02/11/19	NM	02/08/19	OP73745	GDD3021
FA61347-19	DD104808.D	1	02/11/19	NM	02/08/19	OP73745	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-1, FA61347-2, FA61347-6, FA61347-9, FA61347-12, FA61347-13, FA61347-14, FA61347-15, FA61347-17, FA61347-18, FA61347-19, FA61347-20

CAS No.	Compound	FA61347-19 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.25	0.14	56*	72-134

CAS No.	Surrogate Recoveries	MS	FA61347-19	Limits
460-00-4	4-Bromofluorobenzene	60%* [a]	68%	63-137%

(a) Outside control limits.

* = Outside of Control Limits.

8.3.2

8

Matrix Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73761-MS	DD104855.D	1	02/12/19	NM	02/11/19	OP73761	GDD3021
FA61347-26	DD104846.D	1	02/12/19	NM	02/11/19	OP73761	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-26, FA61347-27, FA61347-36, FA61347-37, FA61347-41, FA61347-52

CAS No.	Compound	FA61347-26 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.231	0.21	91	72-134

CAS No.	Surrogate Recoveries	MS	FA61347-26	Limits
460-00-4	4-Bromofluorobenzene	95%	90%	63-137%

8.3.3

8

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73760-MS	DD104876.D	200	02/12/19	NM	02/11/19	OP73760	GDD3021
FA61347-21 [a]	DD104861.D	200	02/12/19	NM	02/11/19	OP73760	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-21, FA61347-22, FA61347-23, FA61347-24, FA61347-25, FA61347-28, FA61347-29, FA61347-30, FA61347-32, FA61347-33, FA61347-34, FA61347-35, FA61347-39, FA61347-40, FA61347-42, FA61347-43, FA61347-44, FA61347-45, FA61347-46, FA61347-51

CAS No.	Compound	FA61347-21 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	86.2		0.231	82.9	-1429* [b]	72-134

CAS No.	Surrogate Recoveries	MS	FA61347-21	Limits
460-00-4	4-Bromofluorobenzene	0% [c]	0% [c]	63-137%

(a) All hits confirmed by dual column analysis.
(b) Outside control limits due to high level in sample relative to spike amount.
(c) Outside control limits due to dilution.

* = Outside of Control Limits.

8.3.4

8

Duplicate Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73744-DUP	DD104791.D	200	02/11/19	NM	02/08/19	OP73744	GDD3021
FA61347-31 [a]	DD104812.D	250	02/12/19	NM	02/08/19	OP73744	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-31

CAS No.	Compound	FA61347-31 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	78.2		96.4		21	28

CAS No.	Surrogate Recoveries	DUP	FA61347-31	Limits
460-00-4	4-Bromofluorobenzene	0%* [b]	0%* [b]	63-137%

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

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73745-DUP	DD104811.D	100	02/11/19	NM	02/08/19	OP73745	GDD3021
FA61347-20 [a]	DD104809.D	100	02/11/19	NM	02/08/19	OP73745	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-1, FA61347-2, FA61347-6, FA61347-9, FA61347-12, FA61347-13, FA61347-14, FA61347-15, FA61347-17, FA61347-18, FA61347-19, FA61347-20

CAS No.	Compound	FA61347-20 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	57.6		79.5		32*	28

CAS No.	Surrogate Recoveries	DUP	FA61347-20	Limits
460-00-4	4-Bromofluorobenzene	0%* [b]	0%* [b]	63-137%

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

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73761-DUP	DD104856.D	1	02/12/19	NM	02/11/19	OP73761	GDD3021
FA61347-27	DD104847.D	1	02/12/19	NM	02/11/19	OP73761	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-26, FA61347-27, FA61347-36, FA61347-37, FA61347-41, FA61347-52

CAS No.	Compound	FA61347-27 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA61347-27	Limits
460-00-4	4-Bromofluorobenzene	103%	91%	63-137%

8.4.3

8

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA61347
Account: GRINCC GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP73760-DUP	DD104877.D	10	02/12/19	NM	02/11/19	OP73760	GDD3021
FA61347-23 [a]	DD104862.D	10	02/12/19	NM	02/11/19	OP73760	GDD3021

The QC reported here applies to the following samples: **Method:** SW846 8011

FA61347-21, FA61347-22, FA61347-23, FA61347-24, FA61347-25, FA61347-28, FA61347-29, FA61347-30, FA61347-32, FA61347-33, FA61347-34, FA61347-35, FA61347-39, FA61347-40, FA61347-42, FA61347-43, FA61347-44, FA61347-45, FA61347-46, FA61347-51

CAS No.	Compound	FA61347-23 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	3.3		3.3		0	28

CAS No.	Surrogate Recoveries	DUP	FA61347-23	Limits
460-00-4	4-Bromofluorobenzene	0%* [b]	0%* [b]	63-137%

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

8.4.4

8

* = Outside of Control Limits.

APPENDIX B

Field Data Information Sheets

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience
County: Chesterfield	Project Manager: Thomas Gladden	Field Personnel: Justin Armintrout Karlen Schmidt

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW 1	35.22	25-35	—	5.26	—	Y	N	Y	N	N
MW 2	41.87	37 - 42	—	6.59	—	Y	N		N	N
MW 3	42.10	37 - 42	—	4.53	—	Y	N	Y	N	N
MW 4	41.94	37 - 42	—	4.74	—	Y	N	Y	N	N
MW 5	42.03	37 - 42	—	10.77	—	Y	N	Y	N	N
MW 6	34.74	30 - 35	—	4.29	—	Y	N	Y	N	N
MW 7	33.76	25 - 30	—	3.74	—	Y	N	Y	N	N
MW 8	30.72	25 - 30	—	3.43	—	Y	N	Y	N	N
MW 9	32.97	25 - 30	—	5.92	—	Y	N	Y	N	N
MW 10	35.38	30 - 35	—	4.34	—	Y	N	Y	N	N
MW 11	30.09	30 - 35	—	5.17	—	Y	N	Y	N	N
MW 12	35.42	30 - 35	—	6.47	—	Y	N	Y	N	N
MW 13	35.25	30 - 35	—	5.23	—	Y	N	Y	N	N

Notes: _____

Signature: _____

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Date: 1/30/19 | Site ID #: 02261 | Site Name: Carolina Country Convenience

County: Chesterfield | Project Manager: Thomas Gladden | Field Personnel: Justin Armentrout Karlen Schmidt

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW 14	35.04	30-35	–	6.17	–	Y	N	Y	N	N
MW 15	24.48	15-25	–	4.96	–	Y	N	Y	N	N
MW 16	25.26	15-25	–	1.10	–	Y	N	Y	N	N
MW 17	25.50	15-25	–	0.98	–	Y	N	Y	N	N
MW 18	24.44	14-24	–	24.39	–	Y	N	Y	N	N
MW 19	29.70	15-30	–	4.23	–	Y	N	Y	N	N
MW 20	34.85	15-30	–	5.36	–	Y	N	Y	N	N
MW 21	29.96	15-30	–	6.46	–	Y	N	Y	N	N
MW 22	29.66	15-30	–	5.24	–	Y	N	Y	N	N
MW 23	30.01	15-30	–	5.97	–	Y	N	Y	N	N
MW 24	36.97	12-37	–	6.57	–	Y	N	Y	N	N
MW 25	37.62	12-37	–	4.32	–	Y	N	Y	N	N
MW 26	36.91	12-37	–	12.86	–	Y	N	Y	N	N

Notes:

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Date: 1/30/19 | Site ID #: 02261 | Site Name: Carolina Country Convenience

County: Chesterfield | Project Manager: Thomas Gladden | Field Personnel: Justin Armentrout Karlen Schmidt

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
mw 27	37.79	12 - 37	–	10.53	–	Y	N	Y	✓	✓
mw 28	30.02	15 - 30	–	7.34	–	Y	N	Y	✓	✓
mw 29	29.91	15 - 30	–	5.94	–	Y	N	Y	✓	✓
mw 30	30.09	15 - 30	–	5.77	–	Y	N	Y	✓	✓
mw 31	29.69	15 - 30	–	6.06	–	Y	N	Y	✓	✓
mw 28 I	56.38	51 - 56	–	6.96	–	Y	N	Y	✓	✓
mw 29 I	56.13	51 - 56	–	6.08	–	Y	N	Y	✓	✓
mw 30 I	56.49	51 - 56	–	5.94	–	Y	N	Y	✓	✓
mw 31 I	56.67	51 - 56	–	6.24	–	Y	N	Y	✓	✓
TW 1	59.34	51 - 56	–	3.91	–	Y	N	Y	✓	✓
TW 2	59.68	51 - 56	–	3.51	–	Y	N	Y	✓	✓
TW 3	56.24	51 - 56	–	5.91	–	Y	N	Y	✓	✓
TW 4	60.46	56 - 61	–	6.36	–	Y	N	Y	✓	✓

Notes:

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience
County: Chesterfield	Project Manager: Thomas Gladden	Field Personnel: Justin Armintrout Karlen Schmidt

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
TW 5	57.02	56 - 61	–	4.87	–	Y	N	Y	N	N
TW 6	66.71	63 - 68	–	66.36	–	Y	N	Y	N	N

Notes: _____

Signature: _____

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Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 25 to 35		Total Well Depth (TWD) (ft.): 35.22
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.26		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 29.96	1 casing volume (CV=LWC*C)(gals): 4.79	3 casing volumes 3*CV)(gals): 14.38	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.75	9.08	14.50				
Time (military)	~~1220~~ 1115	1119	1123					
PH (s.u.)	6.28	6.04	6.67					
Specific Conductivity (µS/cm)	288	251	245					
Water Temperature (°C)	12.00	16.23	121.84					
Turbidity (NTU)	28.8	85.4	1000+					
Dissolved Oxygen (mg/L)	6.78	6.10	5.47					

Sampling Data

Sampled By: ~~Kaelan Schmidt~~ Justin Armentrout	Sampling Time: 1123	Duplicate: N or N	If yes, Duplicate Time:

Notes: Dry @ 8

Signature: [signature]

DHEC 0423 (10/2015)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/31/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Glidden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 37 to 42		Total Well Depth (TWD) (ft.): 41.87
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.59		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 35.28	1 casing volume (CV=LWC*C)(gals): 5.64	3 casing volumes 3*CV)(gals): 16.93	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5.50	11	17				
Time (military)	1306	1404	1410	1416				
PH (s.u.)	7.92	7.85	7.78	7.74				
Specific Conductivity (µS/cm)	206	212	234	236				
Water Temperature (°C)	16.98	18.43	18.05	17.86				
Turbidity (NTU)	22.9	190	337	369				
Dissolved Oxygen (mg/L)	7.12	4.63	3.52	1.80				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1416	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02161	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 37 to 42		Total Well Depth (TWD) (ft.): 42.10
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 4.53		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 37.57	1 casing volume (CV=LWC*C)(gals): 6.01	3 casing volumes 3*CV)(gals): 18.03	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	6	~~12~~	~~18~~				
Time (military)	1049	1055						
PH (s.u.)	6.30	5.94						
Specific Conductivity (µS/cm)	117	112						
Water Temperature (°C)	14.23	18.11						
Turbidity (NTU)	23.5	61.8						
Dissolved Oxygen (mg/L)	3.98	3.80						

Sampling Data

Sampled By: ~~Kaelen Schmidt~~ Justin Armentrout	Sampling Time: 1055	Duplicate: Y or N	If yes, Duplicate Time:

Notes: DTW @ 6

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 37 to 42	Total Well Depth (TWD) (ft.): 41.94	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 4.74	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 37.2	1 casing volume (CV=LWC*C)(gals): 5.95	3 casing volumes 3*CV)(gals): 17.85	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	6	9 ~~12~~	~~18~~				
Time (military)	1027	1033	1036					
PH (s.u.)	6.31	6.13	6.20					
Specific Conductivity (µS/cm)	149	138	141					
Water Temperature (°C)	13.68	17.68	17.11					
Turbidity (NTU)	10.0	223	1000+					
Dissolved Oxygen (mg/L)	4.54	2.66	2.53					

Sampling Data

Sampled By: ~~Kaelen Schmidt~~ Justin Armentrout	Sampling Time: 1036	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 9

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gledden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 37 to 42		Total Well Depth (TWD) (ft.): 42.03
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 10.17		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 31.86	1 casing volume (CV=LWC*C)(gals): 5.04	3 casing volumes 3*CV)(gals): 15.29	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5	6 7	15.25				
Time (military)	0957	~~1007~~ 1009	1012					
PH (s.u.)	6.78	6.55	6.01					
Specific Conductivity (µS/cm)	112	106	109					
Water Temperature (°C)	17.79	18.07	17.53					
Turbidity (NTU)	12.8	395	1000+					
Dissolved Oxygen (mg/L)	7.36	5.75	4.16					

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 1012	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 7

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gledden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: ML 6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 34.74
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 4.79		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 30.45	1 casing volume (CV=LWC*C)(gals): 4.87	3 casing volumes 3*CV)(gals): 14.61	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5	~~10~~ 6	~~15~~				
Time (military)	1148	1153	1154					
PH (s.u.)	6.53	6.46	6.50					
Specific Conductivity (µS/cm)	272	271	293					
Water Temperature (°C)	11.13	14.89	15.1					
Turbidity (NTU)	9.4	40.5	6.73					
Dissolved Oxygen (mg/L)	6.40	5.59	4.71					

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 1154	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 7	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 25 to 30		Total Well Depth (TWD) (ft.): 33.76
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 3.74		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 30.02	1 casing volume (CV=LWC*C)(gals): 4.80	3 casing volumes 3*CV)(gals): 14.40	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5	~~10~~ 7	~~14.50~~				
Time (military)	1224	1229	1231					
PH (s.u.)	6.01	5.96	5.83					
Specific Conductivity (µS/cm)	310	307	304					
Water Temperature (°C)	14.57	17.39	17.42					
Turbidity (NTU)	13.4	39.3	584					
Dissolved Oxygen (mg/L)	7.24	6.53	5.24					

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 1231	Duplicate: Y or N	If yes, Duplicate Time:

Notes: D.G.G.

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 0226	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 8	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other_____ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 25 to 30		Total Well Depth (TWD) (ft.): 30.72
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 3.43		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 27.29	1 casing volume (CV=LWC*C)(gals): 4.36	3 casing volumes 3*CV)(gals): 13.09	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.25	~~8.50~~	~~13~~				
Time (military)	1314	1320						
PH (s.u.)	6.17	5.88						
Specific Conductivity (µS/cm)	223	214						
Water Temperature (°C)	18.35	17.48						
Turbidity (NTU)	7.7	13.8						
Dissolved Oxygen (mg/L)	7.66	7.18						

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1320	Duplicate: Y or ~~N~~	If yes, Duplicate Time:

Notes: Dry @ first vol.

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 9	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 25 to 30		Total Well Depth (TWD) (ft.): 32.97
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.82		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 27.15	1 casing volume (CV=LWC*C)(gals): 4.34	3 casing volumes 3*CV)(gals): 13.02	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.25	~~5~~ ~~8.50~~	~~13~~				
Time (military)	1419	1423	1424					
PH (s.u.)	6.35	6.07	5.95					
Specific Conductivity (µS/cm)	101	97	99					
Water Temperature (°C)	14.73	17.24	16.22					
Turbidity (NTU)	42.6	587	Lock+					
Dissolved Oxygen (mg/L)	7.91	7.00	6.86					

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1424	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 10	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 30 to 35	Total Well Depth (TWD) (ft.): 35.38	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 4.34	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 31.04	1 casing volume (CV=LWC*C)(gals): 4.96	3 casing volumes 3*CV)(gals): 14.89	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5	10	15				
Time (military)	1211	1217						
PH (s.u.)	5.41	6.22						
Specific Conductivity (µS/cm)	650	598						
Water Temperature (°C)	16.25	16.15						
Turbidity (NTU)	7.7	67.2						
Dissolved Oxygen (mg/L)	5.20	4.76						

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1217	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 5

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/31/19	Site ID #: 0261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Glidden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 11	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 35	Total Well Depth (TWD) (ft.): 30.09	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.17	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 24.92	1 casing volume (CV=LWC*C)(gals): 3.98	3 casing volumes 3*CV)(gals): 11.96	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4	~~8~~ 7	~~12~~				
Time (military)	1159	1205	1210					
PH (s.u.)	8.14	8.06	7.98					
Specific Conductivity (µS/cm)	161	160	180					
Water Temperature (°C)	15.25	19.67	18.24					
Turbidity (NTU)	8.6	28.6	262					
Dissolved Oxygen (mg/L)	3.66	2.55	1.84					

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1210	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 7

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02161	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Karlka Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 17	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 35.42
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.47		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 28.95	1 casing volume (CV=LWC*C)(gals): 4.63	3 casing volumes 3*CV)(gals): 13.89	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.50	7.50	11				
Time (military)	1614	1626	1630					
PH (s.u.)	5.80	5.91	5.8					
Specific Conductivity (µS/cm)	125	117	110					
Water Temperature (°C)	14.14	16.63	17.41					
Turbidity (NTU)	16.3	105	32					
Dissolved Oxygen (mg/L)	8.12	8.01	8.66					

Sampling Data

Sampled By: Karlka Schmidt Justin Armentrout	Sampling Time: 1630	Duplicate: Y or N	If yes, Duplicate Time:

Notes: D1-10 7.50

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Glidden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 13	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 35.25
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.23		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 30.02	1 casing volume (CV=LWC*C)(gals): 4.80	3 casing volumes 3*CV)(gals): 14.40	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5	10	14.50				
Time (military)	0847	0852	0857	0904				
PH (s.u.)	7.94	7.76	7.58	7.35				
Specific Conductivity (µS/cm)	263	244	247	251				
Water Temperature (°C)	13.66	16.00	17.59	14.00				
Turbidity (NTU)	9.2	68.2	244	341				
Dissolved Oxygen (mg/L)	3.97	4.70	4.11	4.62				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 0904	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout, Karlen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 14	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other_____ ___Private WSW ___Public WSW	Screened Interval (ft.): 30 to 35	Total Well Depth (TWD) (ft.): 35.04	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.17	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 28.87	1 casing volume (CV=LWC*C)(gals): 4.61	3 casing volumes 3*CV)(gals): 13.85	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.50	~~0.25~~	~~1.4~~				
Time (military)	1407	1411						
PH (s.u.)	6.81	6.45						
Specific Conductivity (µS/cm)	107	107						
Water Temperature (°C)	13.49	16.08						
Turbidity (NTU)	5.0	127						
Dissolved Oxygen (mg/L)	4.34	4.51						

Sampling Data

Sampled By: ~~Karlen Schmidt~~ Justin Armentrout	Sampling Time: 1411	Duplicate: X or N	If yes, Duplicate Time: 1215

Notes: Dry @ 5.50

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Glidden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 15	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 25		Total Well Depth (TWD) (ft.): 24.48
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 4.96		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 19.52	1 casing volume (CV=LWC*C)(gals): 3.12	3 casing volumes 3*CV)(gals): 9.36	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3	6	~~9.50~~				
Time (military)	1115	1119	1123					
PH (s.u.)	7.54	7.21	6.89					
Specific Conductivity (µS/cm)	154	109	113					
Water Temperature (°C)	13.04	15.89	13.82					
Turbidity (NTU)	11.2	174	1000+					
Dissolved Oxygen (mg/L)	7.49	6.39	6.31					

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1119	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 6

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1,19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: mw 16	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 25		Total Well Depth (TWD) (ft.): 25.26
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 1.10		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 24.16	1 casing volume (CV=LWC*C)(gals): 3.86	3 casing volumes 3*CV)(gals): 11.59	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4	8	11.50				
Time (military)	1241	1245	~~12~~ 51	1255				
PH (s.u.)	6.13	5.61	5.72	5.89				
Specific Conductivity (µS/cm)	284	254	248	254				
Water Temperature (°C)	13.88	17.21	17.48	17.46				
Turbidity (NTU)	17.9	243	832	1000+				
Dissolved Oxygen (mg/L)	5.75	4.42	4.31	4.71				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: ~~1241~~ 1255	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaitlen Schmidt
County: Chesterfield	Project Manager: Thomas Gledden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 17	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 25	Total Well Depth (TWD) (ft.): 25.50	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 0.88	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 24.62	1 casing volume (CV=LWC*C)(gals): 3.93	3 casing volumes 3*CV)(gals): 11.81	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4	6 ~~8~~	~~12~~				
Time (military)	1335	1339	1341					
PH (s.u.)	6.19	5.89	5.72					
Specific Conductivity (µS/cm)	139	175	156					
Water Temperature (°C)	16.22	17.07	17.33					
Turbidity (NTU)	33.4	113	1000+					
Dissolved Oxygen (mg/L)	7.73	6.50	6.25					

Sampling Data

Sampled By: Kaitlen Schmidt Justin Armentrout	Sampling Time: 1341	Duplicate: Y or ~~N~~	If yes, Duplicate Time:

Notes: _____

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/4/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 18	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 14 to 24		Total Well Depth (TWD) (ft.): 24.24
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 24.39		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): .05	1 casing volume (CV=LWC*C)(gals): .008	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	.004						
Time (military)	1405							
PH (s.u.)	6.12							
Specific Conductivity (µS/cm)	82							
Water Temperature (°C)	15.37							
Turbidity (NTU)	19.1							
Dissolved Oxygen (mg/L)	5.84							

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 1405	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 0.25

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kallan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 19	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.70	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 4.93	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 24.77	1 casing volume (CV=LWC*C)(gals): 3.96	3 casing volumes 3*CV)(gals): 11.88	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.00	~~8~~ 8.00	~~12.00~~				
Time (military)	1150	1154	1155					
PH (s.u.)	6.54	6.20	6.17					
Specific Conductivity (µS/cm)	430	433	434					
Water Temperature (°C)	11.23	14.42	14.46					
Turbidity (NTU)	211	110	~~440~~ 76.8					
Dissolved Oxygen (mg/L)	6.19	4.97	4.43					

Sampling Data

Sampled By: Kallan Schmidt Justin Armentrout	Sampling Time: 1155	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 7

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 20	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30		Total Well Depth (TWD) (ft.): 34.85
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.36		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 29.49	1 casing volume (CV=LWC*C)(gals): 4.71	3 casing volumes 3*CV)(gals): 14.15	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.75	9	~~14~~ 11				
Time (military)	1238	1232	1237	1242				
PH (s.u.)	7.36	7.38	7.27	NM				
Specific Conductivity (µS/cm)	135	102	109	NM				
Water Temperature (°C)	14.66	18.45	14.18	NM				
Turbidity (NTU)	2.6	56.3	343	NM				
Dissolved Oxygen (mg/L)	4.71	2.35	2.10	NM				

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 1242	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 11

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW21	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other_____ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30		Total Well Depth (TWD) (ft.): 29.96
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.46		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 23.5	1 casing volume (CV=LWC*C)(gals): 3.76	3 casing volumes 3*CV)(gals): 11.28	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.75	7.50	11.25				
Time (military)	1616	1630	1625	1631				
PH (s.u.)	5.68	5.55	5.50	5.				
Specific Conductivity (µS/cm)	197	192	190	190				
Water Temperature (°C)	14.54	16.57	17.05	17.13				
Turbidity (NTU)	17.2	36.0	788	1000+				
Dissolved Oxygen (mg/L)	6.13	6.23	6.47	6.48				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1631	Duplicate: X or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout, Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW22	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.66	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.24	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 24.42	1 casing volume (CV=LWC*C)(gals): 3.90	3 casing volumes 3*CV)(gals): 11.72	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4	8	~~11.75~~ 11.75				
Time (military)	1303	1308	1313	1317				
PH (s.u.)	7.47	7.31	7.10	7.09				
Specific Conductivity (µS/cm)	184	207	239	247				
Water Temperature (°C)	16.61	19.41	18.97	19.53				
Turbidity (NTU)	8.6	267	514	853				
Dissolved Oxygen (mg/L)	4.22	3.32	3.13	2.41				

Sampling Data

Sampled By: Kaelen Schmidt, Justin Armentrout	Sampling Time: 1317	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 23	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 30.01	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.97	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 24.04	1 casing volume (CV=LWC*C)(gals): 3.84	3 casing volumes 3*CV)(gals): 11.53	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4	8	11.50				
Time (military)	1332	1337	1340	1346				
PH (s.u.)	6.56	6.54	6.33	6.27				
Specific Conductivity (µS/cm)	442	466	556	546				
Water Temperature (°C)	12.57	14.31	15.48	16.18				
Turbidity (NTU)	14.4	93.2	15.4	5.26				
Dissolved Oxygen (mg/L)	3.69	5.77	6.23	6.15				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1346	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 24	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): (2 to 37		Total Well Depth (TWD) (ft.): 36.97
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.57		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 30.4	1 casing volume (CV=LWC*C)(gals): 4.86	3 casing volumes 3*CV)(gals): 14.59	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5	10	14.50				
Time (military)	0850	0855	0858	0905				
PH (s.u.)	8.68	8.65	8.28	8.22				
Specific Conductivity (µS/cm)	163	233	322	349				
Water Temperature (°C)	12.14	15.26	16.31	16.55				
Turbidity (NTU)	3.50	115	433	403				
Dissolved Oxygen (mg/L)	3.98	3.16	3.12	2.94				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 0905	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 25	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 12 to 37		Total Well Depth (TWD) (ft.): 37.62
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 4.32		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 33.3	1 casing volume (CV=LWC*C)(gals): 5.32	3 casing volumes 3*CV)(gals): 15.98	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5.25	10.50	16				
Time (military)	1053	1058	1103	1109				
PH (s.u.)	6.04	5.91	5.71	5.73				
Specific Conductivity (µS/cm)	120	113	117	116				
Water Temperature (°C)	14.36	19.97	19.35	19.00				
Turbidity (NTU)	7.9	119	1000+	1000+				
Dissolved Oxygen (mg/L)	5.91	5.21	4.77	2.67				

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 1109	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW26	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 12 to 37		Total Well Depth (TWD) (ft.): 36.91
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 12.86		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 34.05	1 casing volume (CV=LWC*C)(gals): 5.44	3 casing volumes 3*CV)(gals): 16.34	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5.50	8 ++	~~16.75~~				
Time (military)	1021	1026	1031					
PH (s.u.)	5.95	5.75	5.81					
Specific Conductivity (µS/cm)	93	94	124					
Water Temperature (°C)	14.03	17.39	17.90					
Turbidity (NTU)	57.1	329	569					
Dissolved Oxygen (mg/L)	2.35	2.59	1.91					

Sampling Data

Sampled By: Kaelen Schmidt ~~Justin Armentrout~~	Sampling Time: 1031	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B005o626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B005o626	Y or N			
LaMotte (Turbidity)	B005o626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 27	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 12 to 37		Total Well Depth (TWD) (ft.): 37.79
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 10.53		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 27.26	1 casing volume (CV=LWC*C)(gals): 4.36	3 casing volumes 3*CV)(gals): 13.08	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.50	9	13				
Time (military)	0934	0937	0943	0955				
PH (s.u.)	6.30	6.27	6.46	6.35				
Specific Conductivity (µS/cm)	118	123	121	119				
Water Temperature (°C)	13.72	15.46	16.75	17.27				
Turbidity (NTU)	2.7	20.2	14.6	47.8				
Dissolved Oxygen (mg/L)	7.06	6.61	6.26	6.11				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 0955	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 28	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 30.02	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 7.34	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 22.68	1 casing volume (CV=LWC*C)(gals): 3.62	3 casing volumes 3*CV)(gals): 10.88	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.50	7.25	11				
Time (military)	1458	1502	1509	1513				
PH (s.u.)	6.35	6.19	6.05	5.87				
Specific Conductivity (µS/cm)	88	82	84	92				
Water Temperature (°C)	17.99	16.98	15.58	17.83				
Turbidity (NTU)	21.6	70.9	237	628				
Dissolved Oxygen (mg/L)	4.08	5.03	5.10	5.13				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1513	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 28I	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
__MW X IW ___RW ___Other_____ ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 56.38
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.96		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 49.42	1 casing volume (CV=LWC*C)(gals): ~~4.67~~ 7.90	3 casing volumes 3*CV)(gals): ~~13.85~~ 23.72	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	~~4.50~~ 8	9.00 ~~4.25~~ 16	~~14~~ ~~23.75~~				
Time (military)	1458	1506	1507					
PH (s.u.)	6.38	6.41	6.43					
Specific Conductivity (µS/cm)	290	294	291					
Water Temperature (°C)	16.66	17.55	~~17~~ 17.52					
Turbidity (NTU)	2.8	15.8	870					
Dissolved Oxygen (mg/L)	5.61	5.91	5.53					

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1507	Duplicate: Y or ~~N~~	If yes, Duplicate Time:

Notes: D1769

Signature: Kaelen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/31/19	Site ID #: 02161	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 29	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.91	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.94	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 23.97	1 casing volume (CV=LWC*C)(gals): 3.83	3 casing volumes 3*CV)(gals): 11.50	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4	4	4.50				
Time (military)	0934	0937	0941					
PH (s.u.)	8.91	8.85	8.77					
Specific Conductivity (µS/cm)	123	96	91					
Water Temperature (°C)	12.25	15.05	16.96					
Turbidity (NTU)	6.5	204	354					
Dissolved Oxygen (mg/L)	4.49	4.94	5.93					

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 0941	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dup @ 10

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 29I	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
___MW X IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 56.13
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.08		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 50.05	1 casing volume (CV=LWC*C)(gals): 8.00	3 casing volumes 3*CV)(gals): 24.02	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	8	~~16~~ 11	~~24~~				
Time (military)	1053	1058	1106					
PH (s.u.)	1817	8.01	7.98					
Specific Conductivity (µS/cm)	253	252	286					
Water Temperature (°C)	16.34	18.21	17.73					
Turbidity (NTU)	24.7	24.3	366					
Dissolved Oxygen (mg/L)	5.26	5.29	5.79					

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 1106	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 11

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 3C	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 30.09	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.77	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 24.32	1 casing volume (CV=LWC*C)(gals): 3.89	3 casing volumes 3*CV)(gals): 11.67	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4	8	12				
Time (military)	1235	1239	1246	1250				
PH (s.u.)	7.51	7.45	7.21	6.40				
Specific Conductivity (µS/cm)	304	285	280	276				
Water Temperature (°C)	13.15	16.69	17.05	17.74				
Turbidity (NTU)	10.6	455	344	961				
Dissolved Oxygen (mg/L)	3.66	4.53	4.98	4.99				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1250	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02161	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 30I	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
___MW X IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 56.49
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.97		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 50.7	1 casing volume (CV=LWC*C)(gals): 8.11	3 casing volumes 3*CV)(gals): 24.33	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	8	16	20				
Time (military)	1238	1246	1252	1256				
PH (s.u.)	6.68	6.61	6.57	6.40				
Specific Conductivity (µS/cm)	458	443	438	430				
Water Temperature (°C)	14.66	15.86	17.07	17.00				
Turbidity (NTU)	60.9	63.3	1000+	406				
Dissolved Oxygen (mg/L)	4.66	4.96	6.18	5.95				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1756	Duplicate: Y or N	If yes, Duplicate Time:

Notes: DxG 19

Signature: Kaelen Schmidt

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 31	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.69	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.06	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 23.63	1 casing volume (CV=LWC*C)(gals): 3.78	3 casing volumes 3*CV)(gals): 11.34	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.75	3.75	7.50	11.25	~~11.25~~			
Time (military)	1543	1547	1551	1555				
PH (s.u.)	6.31	6.00	5.02	5.65				
Specific Conductivity (µS/cm)	76	76	75	78				
Water Temperature (°C)	13.96	16.06	19.63	18.33				
Turbidity (NTU)	11.6	317	462	715				
Dissolved Oxygen (mg/L)	3.63	4.93	6.90	6.92				

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 1555	Duplicate: Y or N	If yes, Duplicate Time:

Notes: ___

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelan Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: MW 31I	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
___MW X IW ___RW ___Other___ ___Private WSW ___Public WSW		Screened Interval (ft.): 51 to 56	Total Well Depth (TWD) (ft.): 56.67
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.24		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 50.43	1 casing volume (CV=LWC*C)(gals): 8.06	3 casing volumes 3*CV)(gals): 24.20	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	8	10 ~~16~~	~~24~~				
Time (military)	1539	1544	1549	~~16~~				
PH (s.u.)	5.68	5.56	5.61					
Specific Conductivity (µS/cm)	178	177	205					
Water Temperature (°C)	15.00	16.21	16.21					
Turbidity (NTU)	12.4	13.4	682					
Dissolved Oxygen (mg/L)	4.97	5.15	5.24					

Sampling Data

Sampled By: Kaelan Schmidt Justin Armentrout	Sampling Time: 1549	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 10

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: TW1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56	Total Well Depth (TWD) (ft.): 59.34	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 3.91	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 55.43	1 casing volume (CV=LWC*C)(gals): 8.86	3 casing volumes 3*CV)(gals): 26.60	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	9	~~18~~	~~26.50~~				
Time (military)	1220	1229						
PH (s.u.)	6.32	6.11						
Specific Conductivity (µS/cm)	128	125						
Water Temperature (°C)	16.73	17.97						
Turbidity (NTU)	77.7	209						
Dissolved Oxygen (mg/L)	7.94	6.10						

Sampling Data

Sampled By: ~~Kaelen Schmidt~~ Justin Armentrout	Sampling Time: 1229	Duplicate: Y or N	If yes, Duplicate Time:

Notes: DUP 9

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: TW 2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 59.68
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 3.51		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 56.17	1 casing volume (CV=LWC*C)(gals): 8.98	3 casing volumes 3*CV)(gals): 26.96	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	9	18	27				
Time (military)	1311	1320	1329	1338				
PH (s.u.)	6.18 5.95	8.9 5.94	6.15	6.26				
Specific Conductivity (µS/cm)	139 109	175 102	104	103				
Water Temperature (°C)	16.22 19.03	17.07 19.36	18.68	17.86				
Turbidity (NTU)	33.5 5.20	113 36.7	59.7	68.3				
Dissolved Oxygen (mg/L)	6.27	6.43	6.76	6.81				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1338	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: TW3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 56.24
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 5.87		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 50.43	1 casing volume (CV=LWC*C)(gals): 8.06	3 casing volumes 3*CV)(gals): 24.20	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	8	9 ~~16~~	~~24.25~~				
Time (military)	1411	1419	1420					
PH (s.u.)	5.90	5.64	5.71					
Specific Conductivity (µS/cm)	211	216	187					
Water Temperature (°C)	15.94	17.42	17.83					
Turbidity (NTU)	67.3	148	10004					
Dissolved Oxygen (mg/L)	3.74	2.92	2.99					

Sampling Data

Sampled By: ~~Kaelen Schmidt~~ Justin Armentrout	Sampling Time: 1420	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

DHEC 0423 (10/2015)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: TW 4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
X MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 56 to 61		Total Well Depth (TWD) (ft.): 60.46
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.36		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 54.1	1 casing volume (CV=LWC*C)(gals): 8.65	3 casing volumes 3*CV)(gals): 25.95	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	8.25	17.25	26				
Time (military)	1328	1333	1338	1342				
PH (s.u.)	6.55	6.39	6.32	6.33				
Specific Conductivity (µS/cm)	344	335	362	355				
Water Temperature (°C)	12.38	13.65	14.71	14.71				
Turbidity (NTU)	6.8	17.7	158	224				
Dissolved Oxygen (mg/L)	5.49	5.30	5.37	5.41				

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1347	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 1/30/19	Site ID #: 02161	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B0050626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B0050626	Y or N			
LaMotte (Turbidity)	B0050626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: TW 5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 56 to 61		Total Well Depth (TWD) (ft.): 57.02
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 4.87		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 52.15	1 casing volume (CV=LWC*C)(gals): 8.34	3 casing volumes 3*CV)(gals): 25.03	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	8.25	~~11.50~~ 10.25	~~25~~				
Time (military)	1019	1024	~~1030~~					
PH (s.u.)	8.17	8.01	7.90					
Specific Conductivity (µS/cm)	206	220	207					
Water Temperature (°C)	13.78	16.37	14.21					
Turbidity (NTU)	7.3	30.4	1000+					
Dissolved Oxygen (mg/L)	4.38	4.46	5.32					

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 1030	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Dry @ 10.25

Signature: Justin Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1 19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B005G626	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B005G626	Y or N			
LaMotte (Turbidity)	B005G626	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: TW 6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
___MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 63 to 68	Total Well Depth (TWD) (ft.): 66.71	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 66.36	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 0.35	1 casing volume (CV=LWC*C)(gals): 0.056	3 casing volumes 3*CV)(gals): 0.168	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	~~.50~~						
Time (military)	0927							
PH (s.u.)	5.90							
Specific Conductivity (µS/cm)	.73							
Water Temperature (°C)	16.19							
Turbidity (NTU)	28.4							
Dissolved Oxygen (mg/L)	4.26							

Sampling Data

Sampled By: ~~Kaelen Schmidt~~ Justin Armentrout	Sampling Time: 0927	Duplicate: Y or ~~N~~	If yes, Duplicate Time:

Notes: Dry @ Initial

Signature: Just Armentrout

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 2/1/19	Site ID #: 9216	Site Name: Carolina Country Convenience	Field Personnel: Justin Armentrout Kaelen Schmidt
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions:	Ambient Air Temp (°F):

Quality Assurance

Meter Name	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	B00506 26	pH 4.0: Y or N	pH 7.0: Y or N	pH 10.0: Y or N	S.C.: Y or N
YSI 55 (Dissolved Oxygen) Hanna	B00506 26	Y or N			
LaMotte (Turbidity)	B00506 26	0.0 NTU: Y or N	1.0 NTU: Y or N	10.0 NTU: Y or N	

Well Information

Well ID: PW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___Pump
___MW ___IW ___RW ___Other_____ X Private WSW ___Public WSW	Screened Interval (ft.): NA to NA	Total Well Depth (TWD) (ft.): NA	
Depth to Free Product (DFP) (ft.): NA	Depth to Groundwater (DGW) (ft.): NA	Free Product Thickness (ft.): NA	
Length of water column (LWC=TWD-DGW)(ft.): NA	1 casing volume (CV=LWC*C)(gals): NA	3 casing volumes 3*CV)(gals): NA	5 casing volumes (5*CV)(gals): NA

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	~~0.75~~ 5							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Kaelen Schmidt Justin Armentrout	Sampling Time: 0939	Duplicate: Y or N	If yes, Duplicate Time:

Notes: _____

Signature: _____

APPENDIX C

Disposal Manifest

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. V19206-3

2. Page 1 of 1

3. Generator's Name and Mailing Address: Carolina Country Convenience
1908 Hwy 601 N.
Pageland, SC

4. Generator's Phone ( )

5. Transporter 1 Company Name: HERR, INC.

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone: 910-640-2607

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address:
HERR, INC.
303 S. MAULTSBY ST
WHITEVILLE, NC 28472

10. US EPA ID Number: NCR-000139816

E. State Facility's ID

F. Facility's Phone: 910-640-2607

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-REG. PETROLEUM CONTACT WATER	1	VT	422	GAL
b.				
c.				
d.				

G. Additonal Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: W. Scott Ball for Carolina Country
Signature: W Scott Ball
Date: Month 2 Day 1 Year 19

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: W. Scott Ball GRS
Signature: W Scott Ball
Date: Month 2 Day 1 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Sonny Vause
Signature: Sonny Vause
Date: Month 2 Day 27 Year 19

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this maifest, except as noted in item 19.

Printed/Typed Name: CHRIS GOSSELIN
Signature: CM Gosselin
Date: Month 2 Day 27 Year 19

NON-HAZARDOUS WASTE

F-14 © 2002 LABELMASTER (800) 621-5808 www.labelmaster.com
PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Rev. 3/95

APPENDIX D

Contractor Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			X
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	X		
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?			X
9	Are the receptor survey results provided as required?			X
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?			X
12	Has the primary soil type been described?			X
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?			X
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?			X
17	Has the method of well development been detailed?			X
18	Has justification been provided for the locations of the monitoring wells?			X
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	X		
20	Has the groundwater sampling methodology been detailed?	X		
21	Have the groundwater sampling dates and groundwater measurements been provided?	X		
22	Has the purging methodology been detailed?	X		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	X		
24	If free-product is present, has the thickness been provided?			X
25	Does the report include a brief discussion of the assessment done and the results?	X		
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	X		
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	X		
40	Has the site potentiometric map been provided? (Figure 5)	X		
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	X		
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information.

Healthy People. Healthy Communities.

MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

MAR 2 8 2019

Re: **Site Specific Work Plan Directive**
Carolina Country Convenience, 1908 Hwy 601 N., Pageland SC
UST Permit # 02261
Release #2 reported October 11, 2012
Monitoring Report received March 8, 2019
Chesterfield County

Dear Mr. Wallace:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by Geological Resources Inc. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels (RBSLs). The next appropriate scope of work at the site is to install 6 shallow/intermediate well pairs.

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations, implementation of monitoring well installation and groundwater sampling is necessary. The assessment must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP) and in compliance with all applicable regulations. A copy of the UST QAPP is available at https://scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

Your contractor must complete the Site-Specific Work Plan (SSWP) if your contractor has an approved Annual Contractor Quality Assurance Plan (ACQAP). The SSWP and Cost Proposal must be submitted within 30 days from the date of this letter. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence regarding this site, please reference UST Permit # 02261. Should you have any questions regarding this correspondence, please feel free to contact me at (803) 898-2446, or e-mail me at gladdet@dhec.sc.gov.

Sincerely,

Thomas Gladden Jr, Hydrogeologist
Corrective Action and Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

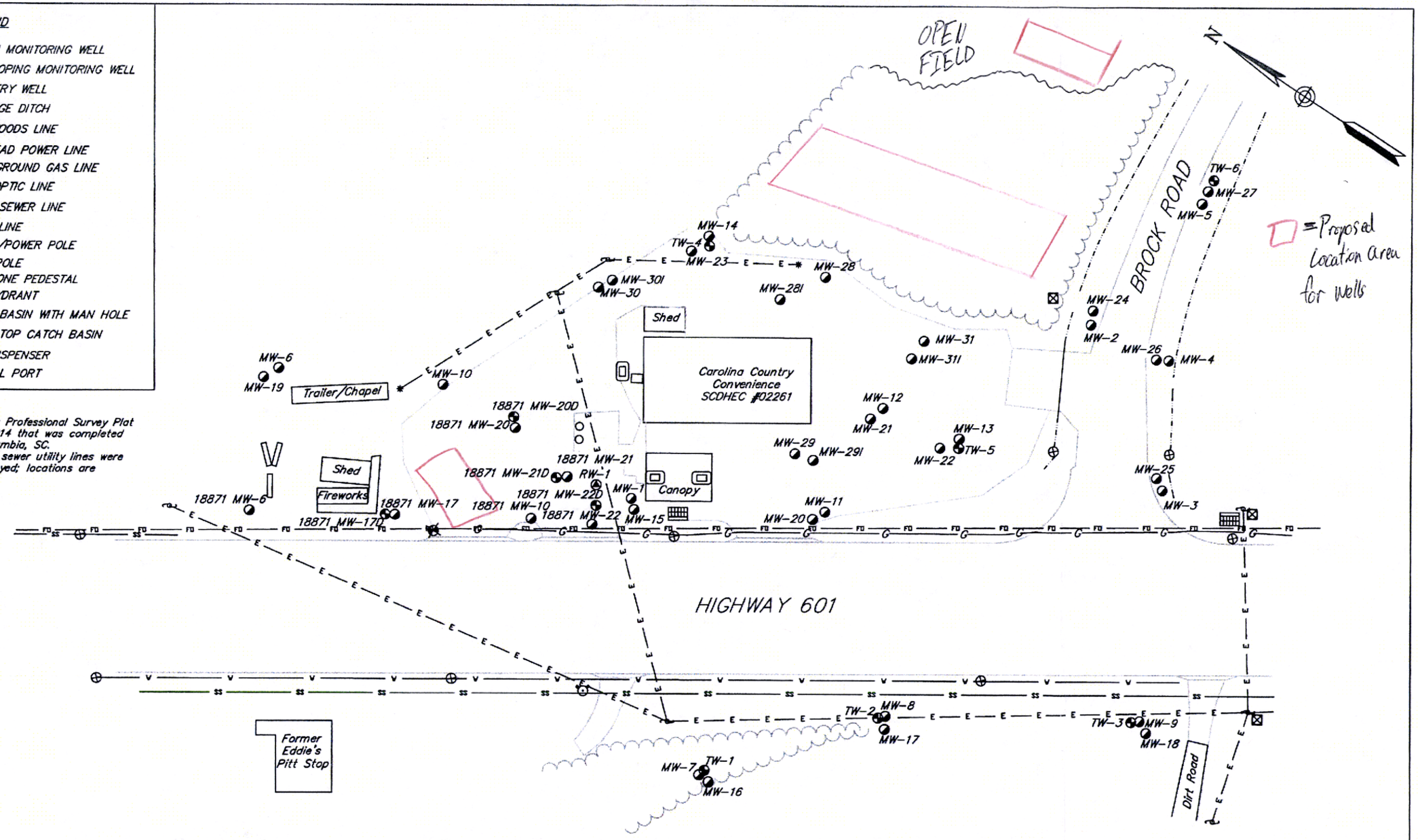
enc: Site Map

cc: Geological Resources Inc, 3502 Hayes Rd, Monroe NC 28110

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

Note:
1. This Map is based on a Professional Survey Plat dated December 17, 2014 that was completed by Jay S. Joshi of Columbia, SC.
2. Fiber optic, water, and sewer utility lines were not professionally surveyed; locations are approximate.



Geological Resources, Inc.

0 25 50 100
(IN FEET)
1 inch = 50 ft

SITE MAP

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	02/27/19	Drawn by:	DTH	Figure:	3

dhec

UST 45 DOCKETING

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

UST MAY 13 2019 PROGRAM

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

Facility Name: Carolina Country Convenience UST Permit #: 02261
Facility Address: 1908 Highway 601 N, Pageland, Chesterfield County, SC
Responsible Party: Mike Wallace, Carolina Country, LLC Phone: (843) 833-0783
RP Address: 1908 Highway 601 N, Pageland, Chesterfield County, SC
Property Owner (if different): Abdul Almontaser
Property Owner Address: 701 S. Pearl Street, Pageland, South Carolina 29728
Current Use of Property: Commercial - Convenience Store

Scope of Work (Please check all that apply)

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

Analyses (Please check all that apply)

Groundwater/Surface Water:

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

Drinking Water Supply Wells:

- ☑ BTEXNMDCA (524.2)
- ☑ Oxygenates & Ethanol (8260B)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☑ EDB (504.1)

Soil:

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

Air:

- ☐ BTEXN

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

____ Soil	1 Water Supply Wells	____ Air	3 Field Blank
49 Monitoring Wells	____ Surface Water	4 Duplicate	2 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: NA Estimated Footage: ____ feet per point
# of deep points proposed: ____ Estimated Footage: ____ feet per point
Field Screening Methodology: ____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: 4 Estimated Footage: (1) 35' & (3) 40' feet per point
# of deep wells: 4 Estimated Footage: (1) 56' & (3) 68' feet per point
# of recovery wells: ____ Estimated Footage: ____ feet per point
Comments, if warranted: Wells to be installed on Almontaser and Moree properties. RTEs will be required.
All shallow wells will be completed with 15'-20'screens. All telescoping wells will be completed with 5' screens.
Wells will be developed. TOCs will shot by a professional surveyor.

UST Permit #: 02261 Facility Name: Carolina Country Convenience

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 30 days from approval Field Work Completion: 45 days from approval
Report Submittal: 90 days from approval # of Copies Provided to Property Owners: _____

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

Investigation Derived Waste Disposal
Soil: 6 Tons Purge Water: 300 Gallons
Drilling Fluids: 450 Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
Sample monitoring wells MW-1 through MW-35, MW-28I through MW-31I and TW-1 through TW-10. Sample PW-3.
All wells will be purged and field readings collected prior to sample collection. Samples collected from the monitoring wells will be analyzed by Methods 8260 and 8011. Samples collect from PW-3 will be analyzed by Methods 524.2, 8260 and 504.1.
The appropriate number of field duplicates and field blanks will be collected.
All purge water will be containerized.

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

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

NA Other variations from ACQAP. Please describe below.

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

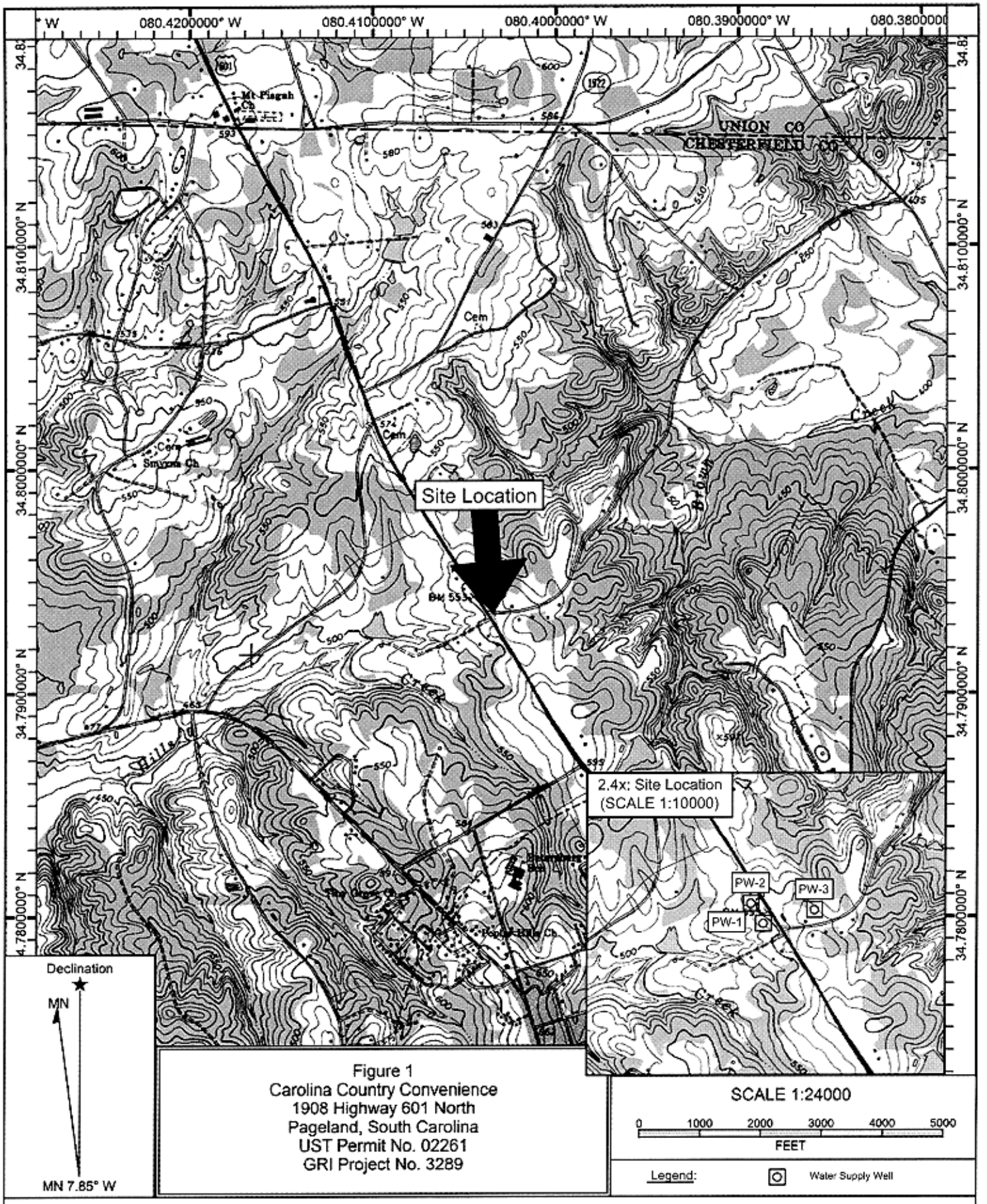


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

Name: Topographic Map
Date: 04/19/16
Scale: 1 inch = 2,000 ft.

Map Center Location: 034.7940878° N 080.4035483° W

Generated by Geological Resources, Inc.

LEGEND

- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
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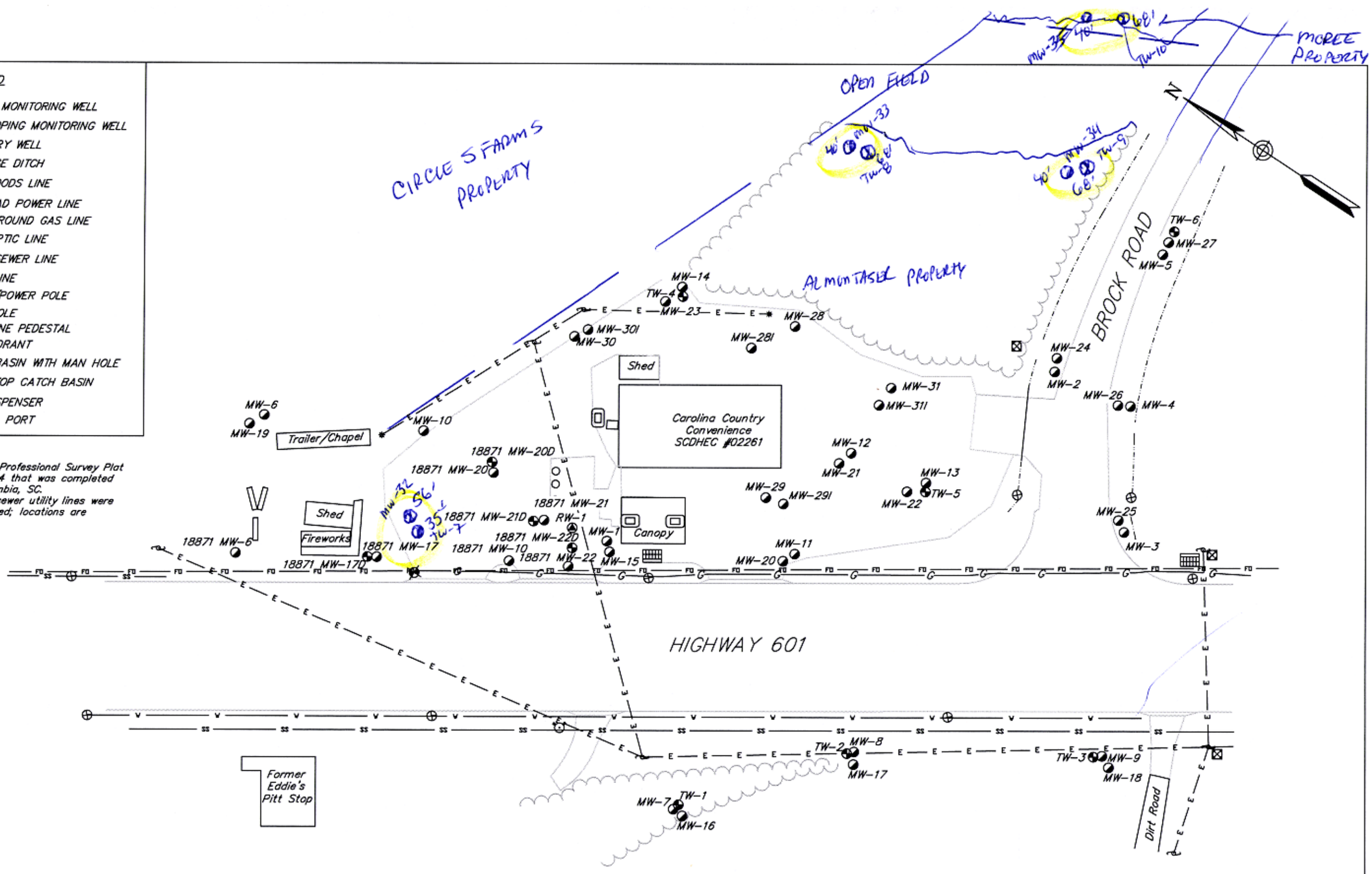
Note:
1. This Map is based on a Professional Survey Plat dated December 17, 2014 that was completed by Jay S. Joshi of Columbia, SC.
2. Fiber optic, water, and sewer utility lines were not professionally surveyed; locations are approximate.



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

SITE MAP

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	02/27/19	Drawn by:	DTH	Figure:	2

dhec
Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
June 15, 2017

Facility Name: Carolina Country Convenience

GRI Proposal No. 19-236

UST Permit #: 02261 **Cost Agreement #:**

UST
MAY 13 201
PROGRAM

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1. **Plan Preparation**				
A1. Site-specific Work Plan	1	each	$150.00	$150.00
B1. Tax Map		each	$70.00	$0.00
C1. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00	$0.00
2. A1. **Receptor Survey ***		each	$551.00	$0.00
3. **Survey (500 ft x 500 ft)**				
A1. Comprehensive Survey	1	each	$1,040.00	$1,040.00
B. Subsurface Geophysical Survey				
1B. < 10 meters below grade		each	$1,300.00	$0.00
2B. > 10 meters below grade		each	$2,310.00	$0.00
C1. Geophysical UST or Drum Survey		each	$910.00	$0.00
4. **Mob/Demob**				
A1. Equipment	1	each	$1,020.00	$1,020.00
B1. Personnel	3	each	$423.00	$1,269.00
C1. Adverse Terrain Vehicle		each	$500.00	$0.00
5. A1. **Soil Borings (hand auger)***		foot	$5.00	$0.00
6. **Soil Borings (requiring equipment, push technology, etc)* or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***				
AA. Standard		per foot	$15.00	$0.00
C1. Fractured Rock		per foot	$20.20	$0.00
7. A1. **Soil Leachability Model**		each	$60.00	$0.00
8. **Abandonment (per foot)***				
A1. 2" diameter or less		per foot	$3.10	$0.00
B1. Greater than 2" to 6" diameter		per foot	$4.50	$0.00
C1. Dug/Bored well (up to 6 feet diameter)		per foot	$15.00	$0.00
9. **Well Installation (per foot)***				
A1. Water Table (hand augered)		per foot	$10.60	$0.00
B1. Water Table (drill rig)	155	per foot	$38.00	$5,890.00
CC. Telescoping	260	per foot	$50.00	$13,000.00
DD. Rock Drilling		per foot	$58.00	$0.00
E1. 2" Rock Coring		per foot	$30.90	$0.00
G1. Rock Multi-sampling ports/screens		per foot	$33.40	$0.00
HH. Recovery Well (4" diameter)		per foot	$45.00	$0.00
II. Pushed Pre-packed screen (1.25" dia)		per foot	$15.00	$0.00
J1. Rotosonic (2" diameter)		per foot	$44.00	$0.00
K. Re-develop Existing Well		per foot	$11.00	$0.00
10. **Groundwater Sample Collection / Gauge Depth to Water or Product ***				
A1. Groundwater Purge	49	per well/receptor	$60.00	$2,940.00
B1. Air or Vapors		per receptor	$12.00	$0.00
C1. Water Supply	1	per well/receptor	$22.00	$22.00
D1. Groundwater No Purge or Duplicate	4	per well/receptor	$28.00	$112.00
E1. Gauge Well only		per well	$7.00	$0.00
F1. Sample Below Product		per well	$12.00	$0.00

G1. Passive Diffusion Bag		each	$26.00	$0.00
H1. Field Blank	3	each	$24.60	$73.80
I. Groundwater (low flow purge)		per well/receptor	$91.00	$0.00
11. Laboratory Analyses-Groundwater				
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	55	per sample	$122.00	$6,710.00
AA1. Lead, Filtered		per sample	$13.80	$0.00
B2. Rush EPA Method 8260B (All of item A.)		per sample	$153.60	$0.00
C2. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$36.40	$0.00
D1. PAH's		per sample	$60.60	$0.00
E1. Lead		per sample	$16.00	$0.00
F1. EDB by EPA 8011	54	per sample	$45.20	$2,440.80
FF1. EDB by EPA Method 8011 Rush		per sample	$68.20	$0.00
G1. 8 RCRA Metals		per sample	$63.40	$0.00
H1. TPH (9070)		per sample	$41.00	$0.00
II. pH		per sample	$5.20	$0.00
J1. BOD		per sample	$20.00	$0.00
PP. Ethanol		per sample	$14.80	$0.00
11. Analyses-Drinking Water				
L. BTEXNM+1,2 DCA (524.2)	4	per sample	$124.05	$496.20
M. 7-OXYGENATES & ETHANOL (8260B)	3	per sample	$91.75	$275.25
N. EDB (504.1)	3	per sample	$79.50	$238.50
O. RCRA METALS (200.8)		per sample	$100.00	$0.00
11. Analyses-Soil				
Q1. BTEX + Naphth.		per sample	$64.00	$0.00
R1. PAH's		per sample	$64.04	$0.00
S1. 8 RCRA Metals		per sample	$56.40	$0.00
U1. TPH-DRO (3550C/8015C)		per sample	$40.00	$0.00
V1. TPH- GRO (5030B/8015C)		per sample	$35.96	$0.00
W1. Grain size/hydrometer		per sample	$104.00	$0.00
X1. Total Organic Carbon		per sample	$30.60	$0.00
11. Analyses-Air				
Y1. BTEX + Naphthalene		per sample	$216.00	$0.00
11. Analyses-Free Phase Product				
Z1. Hydrocarbon Fuel Identification		per sample	$357.00	$0.00
12. Aquifer Characterization				
A1. Pumping Test*		per hour	$23.00	$0.00
B1. Slug Test*		per test	$191.00	$0.00
C1. Fractured Rock		per test	$100.00	$0.00
13. A1. Free Product Recovery Rate Test*		each	$38.00	$0.00
14. Fate/Transport Modeling				
A1. Mathematical Model		each	$100.00	$0.00
B1. Computer Model		each	$100.00	$0.00
15. Risk Evaluation				
A. Tier I Risk Evaluation		each	$300.00	$0.00
B1. Tier II Risk Evaluation		each	$100.00	$0.00
16. A1. Subsequent Survey*		each	$260.00	$0.00
17. Disposal (gallons or tons)*				
AA. Wastewater	300	gallon	$0.56	$168.00
BB. Free Product		gallon	$0.50	$0.00
C1. Soil Treatment/Disposal	6	ton	$60.00	$360.00
D1. Drilling fluids	450	gallon	$0.42	$189.00
18. Miscellaneous (attach receipts)				
		each	$0.00	$0.00
		each	$0.00	$0.00
		each	$0.00	$0.00
20. Tier I Assessment (Use DHEC 3665 form)		standard		$0.00
21. IGWA (Use DHEC 3666 form)		standard		$0.00
22. Corrective Action (Use DHEC 3667 form)		PFP Bid		$0.00

UST
MAY 13 2019
PROGRAM

23. **Aggressive Fluid & Vapor Recovery (AFVR)**				
A1. 8-hour Event*		each	$1,375.00	$0.00
AA. 24-hour Event*		each	$3,825.00	$0.00
A3. 48-hour Event*		each	$6,265.00	$0.00
A4. 96-hour Event*		each	$12,567.50	$0.00
C1. Off-gas Treatment 8 hour		per event	$122.50	$0.00
C2. Off-gas Treatment 24 hour		per event	$241.50	$0.00
C3. Off-gas Treatment 48 hour		per event	$327.00	$0.00
C4. Off-gas Treatment 96 hour		per event	$780.00	$0.00
D. Site Reconnaissance		each	$203.25	$0.00
E1. Additional Hook-ups		each	$25.75	$0.00
F1. Effluent Disposal		gallon	$0.44	$0.00
G. AFVR Mobilization/Demobilization		each	$391.50	$0.00
24. **Granulated Activated Carbon (GAC) filter system installation & service:**				
A1. New GAC System Installation*		each	$1,900.00	$0.00
BB. Refurbished GAC Sys. Install*		each	$900.00	$0.00
C1. Filter replacement/removal*		each	$350.00	$0.00
DD. GAC System removal, cleaning, & refurbishment*		each	$275.00	$0.00
E1. GAC System housing*		each	$250.00	$0.00
F. In-line particulate filter		each	$150.00	$0.00
G1. Additional piping & fittings		foot	$1.50	$0.00
25. **Well Repair**				
A1. Additional Copies of the Report Delivered		each	$50.00	$0.00
B1. Repair 2x2 MW pad*		each	$50.00	$0.00
C1. Repair 4x4 MW pad*		each	$88.00	$0.00
D1. Repair well vault*		each	$118.00	$0.00
F1. Replace well cover bolts		each	$2.60	$0.00
G. Replace locking well cap & lock		each	$15.00	$0.00
H1. Replace/Repair stick-up*		each	$134.00	$0.00
I1. Convert Flush-mount to Stick-up*		each	$150.00	$0.00
J1. Convert Stick-up to Flush-mount*		each	$130.00	$0.00
K1. Replace missing/illegible well ID plate		each	$12.00	$0.00
Report Prep & Project Management	12%	percent	$36,394.55	$4,367.35
TOTAL				$40,761.90

DHEC 2495 6-2017 *The appropriate mobilization cost can be added to complete these tasks, as necessary

dhec
Healthy People. Healthy Communities.

JUN 0 5 2019

UST 460 DOCKETING

MR MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

Re: Site-Specific Work Plan (SSWP) Approval, Well Installation and Groundwater Sampling (GWS) Directive
Carolina Country Convenience, 1908 Hwy 601 N, Pageland, SC
UST Permit #02261; CA #59631
Release Reported October 11, 2012
SSWP and cost proposal received April 25, 2019
Chesterfield County

Dear Mr. Wilkerson:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced SSWP submitted by your contractor. All work should be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the current revision of the UST QAPP is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/

The well installation should occur prior to the groundwater sampling event, and the sampling event should begin immediately upon receipt of this letter. The Cost agreement number shown above has been approved for the amount shown on the enclosed cost agreement form.

The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

The Monitoring report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the Division within sixty (60) days of the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the UST QAPP.

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

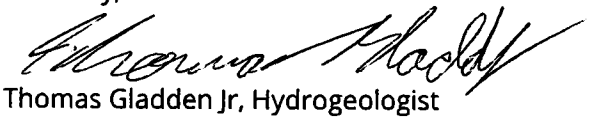
Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from the Division is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by the Division for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

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by an DHEC-certified site rehabilitation contractor as required by R.61-98.

The Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit #02261. Should you have any questions regarding this correspondence, please feel free to contact me by phone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at gladdet@dhec.sc.gov.

Sincerely,



Thomas Gladden Jr, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement (ACA) and Monitoring Well Approval Form

cc: Geological Resources Inc, 3502 Hayes Rd, Monroe NC 28110 (w/enc.)
Technical file (with enc.)

Healthy People. Healthy Communities.

Monitoring Well Approval

Approval is hereby granted to: Geological Resources Inc.
(on behalf of): Carolina Country LLC
Facility: Carolina Country Convenience, 1908 Hwy 601 N, Pageland SC 29728
UST Permit Number: 02261
County: Chesterfield

This approval is for the installation of four shallow, and four deep groundwater monitoring wells. The monitoring wells are to be installed in the approved locations. Monitoring wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. A Water Well Record Form or other form provided or approved by the Division shall be completed and submitted to the Division within 30 days after well completion or abandonment unless another schedule has been approved by the Division. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
4. All analytical data and water levels obtained from each monitoring well shall be submitted to the Division within 30 days of receipt of laboratory results unless another schedule has been approved by the Division as required by R.61-71.H.1.d.
5. If any of the information provided to the Division changes, notification to Thomas Gladden Jr the project manager (tel: (803) 898-2446 or e-mail: gladdet@scdhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. Division approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated May 27, 2016. A copy of this approval should be on the site during well installation.

Date of Issuance: May 15, 2019 **Approval #: UMW-27560**

Thomas Gladden Jr, Hydrogeologist
Corrective Action and Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Approved Cost Agreement 59631

Facility: 02261 CAROLINA COUNTRY CONVENIENCE
GLADDET
PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
01 PLAN						
		A1	SITE SPECIFIC WORK PLAN	1.0000	$150.000	150.00
04 MOB/DEMOB						
		A1	EQUIPMENT	1.0000	$1,020.000	1,020.00
		B1	PERSONNEL	3.0000	$423.000	1,269.00
09 WELL INSTALLATION						
		B1	WATER TABLE (DRILL RIG)	155.0000	$38.000	5,890.00
		CC	TELESCOPING	260.0000	$50.000	13,000.00
10 SAMPLE COLLECTION						
		A1	GROUNDWATER (PURGE)	49.0000	$60.000	2,940.00
		C1	WATER SUPPLY	1.0000	$22.000	22.00
		D1	GROUNDWATER NO PURGE/DUPLICATE	4.0000	$28.000	112.00
		H1	FIELD BLANK	3.0000	$24.600	73.80
11 ANALYSES						
	GW GROUNDWATER	A2	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	55.0000	$122.000	6,710.00
		F1	EDB BY 8011	54.0000	$45.200	2,440.80
	WATER DRINKING WATER	L	BTEXNM+1,2 DCA (524.2)	4.0000	$124.050	496.20
		M	7-OXYGENATES & ETHANOL (8260B)	4.0000	$91.750	367.00
		N	EDB (504.1)	3.0000	$79.500	238.50
16 SUBSEQUENT SURVEY						
		A1	SUBSEQUENT SURVEY	1.0000	$260.000	260.00
17 DISPOSAL						
		AA	WASTEWATER	300.0000	$0.560	168.00
		C1	SOIL TREATMENT DISPOSAL	6.0000	$60.000	360.00
		D1	DRILLING FLUIDS	450.0000	$0.420	189.00
19 RPT/PROJECT MNGT & COORDINATIO						
		PRT	REPORT PREPARATION	0.1200	$35,706.300	4,284.76
				Total Amount		39,991.06

02241

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Michael Wallace(Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728
Telephone: Work: Home:

2. LOCATION OF WELL: MW-32 **COUNTY:** Chesterfield
Name: CarolinaCountryConvenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Gravel	0.5'	0.5'
Tan/Brown Sandy Clay	9.5'	10'
Tan/Brown Mud Stone	25'	35'

*Indicate Water Bearing Zones
(Use a 2nd sheet if needed)

5. REMARKS:
Bentonite 11'-13'
Flush Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 35 ft. Date Started: 8/26/2019 Date Completed: 8/30/2019

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 15 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below ✓
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 20'
Set Between: 15 ft. and 35 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13 ft. to 35 ft.
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.5 ft. to 11 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address: (Print) Level: A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No.: (910)639-6350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest (Well Driller) Date: 9/9/2019

If D Level Driller, provide supervising driller's name:

RECEIVED
SEP 27 2019
Water Monitoring, Assessment & Protection Division

UST 47 Jean DOCKETING

UST TANKS SEP 30 2019 PROGRAM

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Michael Wallace(Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728
Telephone: Work: Home:

2. LOCATION OF WELL: MW-33 **COUNTY:** Chesterfield
Name: Carolina County Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	10'	40'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 16'-18'
Stand up Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 40 ft. Date Started: 8/26/2019 Date Completed: 8/30/2019

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 20 ft. depth
_____ in. to _____ ft. depth
Height: Above ✓/Below
Surface 3 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 20'
Set Between: 20 ft. and 40 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 18 ft. to 40 ft.
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 16 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address: (Print) Level: A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No.: (910)639-0350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest (Well Driller) Date: 9/9/2019

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Michael Wallace(Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728
Telephone: Work: Home:

2. LOCATION OF WELL: MW-34 **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	20'	50'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 26'-28'
Standup Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 50 ft. Date Started: 8/26/2019 Date Completed: 8/30/2019 ✓

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 30 ft. depth
_____ in. to _____ ft. depth
Height: Above✓/Below Surface 3' ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 20'
Set Between: 30 ft. and 50 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28 ft. to 50 ft.
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 26 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address: (Print) Level: A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No.: (910)639-0350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest (Well Driller) Date: 9/9/2019

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

DHEC
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Michael Wallace(Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728
Telephone: Work: Home:

2. LOCATION OF WELL: MW-35 **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	20'	50'

*Indicate Water Bearing Zones
(Use a 2nd sheet if needed)

5. REMARKS:
Bentonite 26'-28'
Flush Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 50 ft. Date Started: 8/26/2019 Date Completed: 8/30/2019

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 30 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below ✓
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 20'
Set Between: 30 ft. and 50 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28 ft. to 50 ft.
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.5 ft. to 26 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address: (Print) Level: A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No.: (910)639-6350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest (Well Driller) Date: 9/9/2019

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Michael Wallace(Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601North
City: Pageland State: SC Zip: 29728
Telephone: Work: Home:

2. LOCATION OF WELL: TW-7 **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Gravel	0.5'	0.5'
Tan/Brown Sandy Clay	9.5'	10'
Tan/Brown Mud Stone	10'	40'
Tan/Grey Weathered Rock	40'	56'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 47'-49'
Flush Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 56 ft. Date Started: 8/26/2019 Date Completed: 8/30/2019

10. CASING: ☐ Threaded ☑ Welded
Diam.: 5"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in. to 40 ft. depth
2 in. to 51 ft. depth
Height: Above /Below ✓ Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5'
Set Between: 51 ft. and 56 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 49 ft. to 56 ft.
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.5 ft. to 47 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address: (Print) Level: A (B) C D (circle one)
111Vest Lane,West End,NC 27376
Telephone No.: (910)639-0350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest (Well Driller) Date: 9/9/2019

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Michael Wallace(Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728
Telephone: Work: Home:

2. LOCATION OF WELL: TW-8 **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	38'	68'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 59'-61'
Stand up Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 68 ft. Date Started: 8/26/2019 Date Completed: 8/30/2019

10. CASING: ☑ Threaded ☑ Welded
Diam.: 5"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in. to 50 ft. depth
2 in. to 63 ft. depth
Height: Above ✓/Below Surface 3 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5'
Set Between: 63 ft. and 68 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 61 ft. to 68 ft.
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 59 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address: (Print) Level: A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No.: (910)639-0500 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest (Well Driller) Date: 9/9/2019

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Michael Wallace(Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728
Telephone: Work: Home:

2. LOCATION OF WELL: TW-9 **COUNTY:** Chesterfield
Name: Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	38'	68'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 59'-61'
Stand up Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 68 ft. Date Started: 8/26/2019 Date Completed: 8/30/2019

10. CASING: ☑ Threaded ☑ Welded
Diam.: 5"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in. to 50 ft. depth
2 in. to 63 ft. depth
Height: Above ✓/Below Surface 3 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5'
Set Between: 63 ft. and 68 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 61 ft. to 68 ft.
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0 ft. to 59 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address: (Print) Level: A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No.: (910)639-0350 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest Date: 9/9/2019
Well Driller

If D Level Driller, provide supervising driller's name:

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Michael Wallace(Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728
Telephone: Work: Home:

2. LOCATION OF WELL: TW-10 **COUNTY:** Chesterfield
Name: CarolinaCountryConvenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	38'	68'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 59'-61'
Flush Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:

8. USE:
☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 68 ft. Date Started: 8/26/2019 Date Completed: 8/30/2019

10. CASING: ☑ Threaded ☑ Welded
Diam.: 5"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in. to 50 ft. depth
2 in. to 63 ft. depth
Height: Above /Below ✓
Surface 0.25 ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 5'
Set Between: 63 ft. and 68 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 61 ft. to 68 ft.
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 0.5 ft. to 59 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft. ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address: (Print) Level: A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No.: (910)639-0550 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: Bryan L Vest Date: 9/9/2019
Well Driller

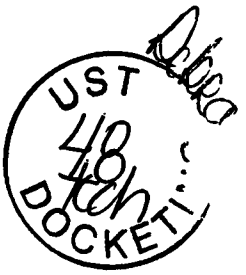
If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Geological Resources, Inc.

November 20, 2019

Mr. Thomas Gladden
SCDHEC
UST Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, SC 29201



Re: Ground Water Monitoring Report
August 2019
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
South Carolina
UST Permit Number: 02261
GRI Project No: 3289

Dear Mr. Gladden,

Please find enclosed the referenced report for the above mentioned site.
If you have any questions, please do not hesitate to contact Scott Ball at (704) 845-4010.

Sincerely,
Geological Resources, Inc.

Leslie Maxtone-Graham
Administrative Assistant

Enclosure

cc: Mr. Michael Wallace; Carolina Country LLC, file

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012

GROUND WATER ASSESSMENT REPORT
AUGUST 2019
CAROLINA COUNTRY CONVENIENCE
1908 HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
CHESTERFIELD COUNTY
UST PERMIT NUMBER: 02261
GRI PROJECT NUMBER: 3289

Prepared for:

Michael Wallace
Carolina Country LLC
1908 Highway 601 North
Pageland, South Carolina 29728

Prepared by:

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

November 20, 2019

W. Scott Ball
Project Manager

JOHN M. BROWN
REGISTERED
NO.
1115
SOUTH CAROLINA
PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License Number 1115

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TABLE

Table 1: Summary of Ground Water Elevation Data
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APPENDICES

Appendix A: Right-to-Enter Agreements
Appendix B: Subsurface Logs, Water Well Construction Records
Appendix C: Well Development Data Verification Forms
Appendix D: Disposal Manifest
Appendix E: Laboratory Analytical Reports
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1.0 INTRODUCTION

This report presents the results of the ground water assessment activities conducted in August and September 2019 at the Carolina Country Convenience site located at 1908 Highway 601 North, Pageland, Chesterfield County, South Carolina (**Figure 1** and **Figure 2**). The activities were conducted in accordance with the "Site-Specific Work Plan (SSWP) Approval, Well Installation and Groundwater Sampling (GWS) Directive" dated June 5, 2019, from the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the activities was to install additional monitoring wells to delineate the vertical and horizontal extent of petroleum contamination at the site. The site is currently operating as a restaurant/convenience store/petroleum retail facility called Carolina Country Convenience. The area surrounding the site is mixed use to include residential, agricultural and limited business. Three gasoline underground storage tanks (USTs) and associated piping and dispensers are currently in operation at the site.

A release (#1) from the UST system was reported at the site on September 30, 2008 and closed with a notice of No Further Action on November 6, 2008. A second release was reported at the site on October 11, 2012. An Initial Ground Water Assessment (IGWA) report documenting site assessment activities was submitted to the SCDHEC in October 2013. Based on the IGWA report, both soil and ground water samples exhibited levels of chemicals of concern (COCs) above the Risk Based Screening Levels (RBSLs). Thirty-one Type III shallow/intermediate depth monitoring wells (MW-1 through MW-31), four Type III deep monitoring wells (MW-28I through MW-31I) and six telescoping wells (TW-1 through TW-6) were installed during previous assessment activities conducted at the site. The last comprehensive ground water sampling event was conducted at the site in January and February 2019. Three water supply wells were identified within 1,000 feet of the source area during a receptor survey conducted in November 2014 as part of the Tier II assessment. Only one of those water supply wells (PW-3) remains in service. Municipal water is provided to all properties in the area. The former Eddies Pitt Stop facility (UST Permit # 18871) is located across Highway 601 on the adjacent property to the west of the subject site. A release was reported for this facility in August 2002. The release is currently being monitored by the SCDHEC. This report summarizes the August and September 2019 ground water assessment activities conducted at the Carolina Country Convenience site.

2.0 FACILITY INFORMATION

- **Facility Name:** Carolina Country Convenience

- **Location:** 1908 Highway 601 North
  Pageland, Chesterfield County, SC 29728
- **UST Permit No.** 02261
- **Land Use:** Commercial
- **Property Owner:** Abdul Almontaser
  701 S. Pearl Street
  Pageland, SC 29728
  (843) 672-7064
- **UST Owner/Operator:** Carolina Country Convenience
  1908 Highway 601 N.
  Pageland, SC 29728
  (843) 672-5527
- **Site Rehabilitation Contractor:** Geological Resources, Inc.
  3502 Hayes Road
  Monroe, North Carolina 28110
  (704) 845-4010
  Class 1, Certification Number 74
- **Drilling Contractor** REDI
  111 Vest Lane
  West End, North Carolina 27376
  (910) 639-0350
  Bryan Vest
  Certification Number 2188-B
- **Laboratory:** SGS North America, Inc.
  4405 Vineland Road, Suite C-15
  Orlando, FL 32811
  (407) 425-6700
  State Certification Number: 96038001

Release Information:

- **Date Discovered:** October 11, 2012
- **Estimated Amount of Release:** Unknown
- **Source of Release:** Leaking UST System
- **UST Size/Contents:** One 10,000-gallon gasoline UST, and two 6,000-gallon gasoline USTs, associated piping, and dispensers
- **Latitude:** 34.7940878° North **Longitude:** 80.4035483° West

3.0 WELL INSTALLATION

Between August 26 and 30 2019, four Type III monitoring wells (MW-32 through MW-35) and four telescoping monitoring wells (TW-7 through TW-10) were installed at the site in locations previously specified by the SCDHEC project manager. All the Type III monitoring wells and telescoping wells were installed utilizing a rotary air hammer. Subsurface materials encountered during drilling operations were red to brown sands, clays and weathered argillite. Monitoring well MW-32 was installed to a total depth of 35 feet and completed with a 20-foot screen. Monitoring well MW-33 was installed to a total depth of 40 feet and completed with a 20-foot screened interval. Monitoring well MW-34 was installed to a total depth of 50 feet and completed with a 20-foot screened interval. Monitoring well MW-35 was installed to a total depth of 51 feet and completed with a 20-foot screened interval. Telescoping monitoring well TW-7 was installed to a total depth of 56 feet and completed with a 5-foot screened interval. Telescoping monitoring wells TW-8 through TW-10 were installed to total depths of 68 feet each and completed with 5-foot screened intervals. Monitoring wells MW-33, MW-34, TW-8 and TW-9 were completed with approximately 3.0 to 4.0 feet of PVC riser above grade and with a metal "stick up" well protector. All of the newly installed wells were developed by a submersible pump subsequent to installation. The top of casing elevations for all newly installed monitoring wells located at the site were surveyed on August 29, 2019. The locations of the monitoring wells are shown on **Figure 3**. Right-to-Enter Agreements obtained prior to the well installation activities are attached as **Appendix A**. Subsurface boring logs and water well construction records for the monitoring wells installed in August 2019 have been included as **Appendix B**. Well Development Data Verification Forms for the development of monitoring wells in August 2019 have been included as **Appendix C**. A disposal manifest for soil and development water generated during the well installation activities has been included as **Appendix D**.

4.0 GROUND WATER QUALITY

Twenty seven Type III shallow to intermediate depth monitoring wells (MW-1 through MW-5, MW-7 through MW-10, MW-12 through MW-16, MW-18 and MW-20 through MW-31), four deep Type III monitoring wells (MW-28I through MW-31I), and ten telescoping wells (TW-1 through TW-10) were gauged, purged and sampled between August 26, 2019 and September 4, 2019. Monitoring wells MW-6, MW-11, MW-17 and MW-19 could not be located. Water supply well PW-3 was also sampled on August 27, 2019. The depths to ground water in the Type III monitoring wells during the August 26, 2019 and September 4, 2019 gauging events ranged from 18.36 to 43.45 feet below the top of casings. Ground water elevations in the Type III monitoring wells relative to a temporary benchmark with an

assumed datum of 100.00 feet ranged from 73.89 to 82.61 feet. Based on this data, the directions of ground water flow at the site were toward the southwest and northeast from a ground water high located on the subject site. The average horizontal hydraulic gradients in the shallow Type III wells were approximately 0.014 feet/foot (southwest) and 0.02 feet/foot (northeast). The average horizontal hydraulic gradients in the intermediate Type III wells were approximately 0.015 feet/foot southwest and 0.01 feet/foot northeast.

The depths to ground water in the telescoping monitoring wells during the September 3, 2019 gauging event ranged from 22.05 to 49.31 feet below the top of casings. Ground water elevations in the telescoping monitoring wells relative to a temporary benchmark with an assumed datum of 100.00 feet ranged from 66.41 to 76.25 feet. Based on this data, the general direction of ground water flow in the telescoping wells was to the northeast and southwest from a potentiometric high located at the site. The vertical hydraulic gradients calculated for paired Type III wells and telescoping wells ranged from 0.003 feet per foot downward to 0.018 feet per foot upward. In general, the vertical gradient for paired Type III wells and telescoping wells was downward across the site with the exception of paired wells MW-18/TW-3. A Site Vicinity Map showing the location of water supply well PW-3 has been included as **Figure 2**. A Site Map showing the locations of the monitoring wells and the structures on-site has been included as **Figure 3**. Potentiometric Surface Maps based on the August 26, 2019 and September 3, 2019 gauging data for the shallow (MW-15 to MW-31) Type III monitoring wells, intermediate (MW-1 to MW-14) Type III monitoring wells, and telescoping wells have been included as **Figures 4** through **6**, respectively. Summaries of ground water elevation data for the January 2019 gauging event are presented in **Table 1**.

Laboratory analyses were performed on the ground water samples collected from the monitoring wells during the August and September 2019 sampling event for BTEX, MTBE, 1,2-DCA, naphthalene and eight (8) oxygenates using EPA Method 8260 and EDB using EPA Method 8011. Ground water samples collected from one water supply well (PW-3) were submitted for laboratory analyses including BTEX, MTBE, naphthalene and 1, 2-DCA by EPA Method 524.2, 8 oxygenates by EPA Method 8260 and EDB using EPA Method 504.1. Concentrations of one or more BTEX constituents, MTBE, naphthalene, 1,2-DCA and/or EDB that exceeded the risk based screening levels (RBSLs) were reported in the ground water samples collected from MW-1, MW-4, MW-12 through MW-15, MW-20 through MW-23, MW-28 through MW-33, MW-28I through MW-31I, and TW-4 and TW-8. Concentrations of oxygenates TAA and/or TBA that exceeded the action levels were reported in the ground water samples collected from MW-1, MW-12 through MW-15, MW-20 through MW-22, MW-28, MW-29, MW-31, MW-33, MW-28I

through MW-31I, TW-4 and TW-8. No detectable concentrations of requested method constituents were reported for the sample collected from water supply well PW-3. Ground Water Quality Maps based on data from the August and September 2019 sampling event have been included as **Figures 7, 8** and **9.** Summaries of ground water sample analytical results are presented in **Tables 2** and **3.** A complete laboratory analytical report is attached as **Appendix E.** Ground water gauging and sampling field data information sheets have been included as **Appendix F.**

5.0 QA/QC

Monitoring well installation, development, surveying, gauging, and sampling were conducted in general accordance with the SCDHEC Programmatic QAPP and the approved site specific Contractor Addendum. All well installation and field equipment (water level meters, submersible pumps, and down-hole drilling equipment) was properly decontaminated between each new well location. All new wells were developed using a decontaminated submersible pump between each well. All wells were sampled with dedicated disposable bailers. All field measurement equipment was properly decontaminated between sampling locations. Duplicate samples from monitoring wells MW-1 (DUP A), MW-14 (DUP B), MW-21 (DUP C) and water supply well PW-3 (DUP D) and field blanks were collected during the sampling activities. The monitoring well field blanks collected on August 27 and 28, 2019 were inadvertently submitted to the laboratory for drinking water analyses instead of waste water analyses. Laboratory supplied trip blanks were included in the sample coolers. Laboratory results for MW-1 and MW-1 DUP A, MW-14 and MW-14 DUP B, MW-21 and MW-21 DUP C, and PW-3 and PW-3 DUP D showed the same compounds at similar concentrations. No detectable concentrations of requested method constituents were reported in water supply well sample PW-3, PW-3 DUP C, field blanks or trip blanks. All new wells were tied into the existing map for the site and surveyed for top-of-casing elevations. All applicable items on the Contractor Checklist were reviewed and verified. A copy of the Contractor Checklist is included as **Appendix G.**

6.0 CONCLUSIONS AND RECOMMENDATIONS

- Between August 26 and 30, 2019, four Type III monitoring wells and four telescoping monitoring wells were installed at the site. Top of casing elevations were measured for the newly installed monitoring wells on August 29, 2019.
- Twenty seven Type III shallow to intermediate depth monitoring wells, four deep Type III monitoring wells, and ten telescoping wells were gauged, purged and sampled between August 26, 2019 and September 4, 2019.

- Water supply well PW-3 was also sampled on August 27, 2019.
- The directions of ground water flow at the site in the shallow, intermediate and deep monitoring wells was toward the southwest and northeast from a potentiometric high located beneath the site. The approximate horizontal hydraulic gradients in the shallow wells were 0.014 feet/foot southwest and 0.02 feet/foot northeast; in the intermediate wells 0.015 feet/foot southwest and 0.01 feet/foot northeast; in the deep wells 0.08 feet/foot east-northeast and 0.007 feet/foot west. The vertical hydraulic gradients calculated for paired Type III wells and telescoping wells ranged from 0.003 feet per foot downward to 0.018 feet per foot upward, but were generally downward.
- Concentrations of one or more BTEX constituents, MTBE, naphthalene, 1,2-DCA and/or EDB that exceeded the risk based screening levels (RBSLs) were reported in the ground water samples collected from MW-1, MW-4, MW-12 through MW-15, MW-20 through MW-23, MW-28 through MW-33, MW-28I through MW-31I, TW-4 and TW-8. Concentrations of oxygenates TAA and/or TBA that exceeded the action levels were reported in the ground water samples collected from MW-1, MW-12 through MW-15, MW-20 through MW-22, MW-28, MW-29, MW-31, MW-33, MW-28I through MW-31I, TW-4 and TW-8. No detectable concentrations of requested method constituents were reported for the sample collected from water supply well PW-3.
- GRI makes the following recommendations:
  - The horizontal extent of the contaminant plume is defined except to the northeast of the site. The vertical extent is undefined on-site and to the northeast.
  - Monitoring wells MW-6, MW-11, MW-17 and MW-19 should be found or replaced.
  - Additional Type III monitoring wells and telescoping wells should be installed to adequately delineate the extent of the contaminant plume.
  - Groundwater monitoring should continue as directed by SCDHEC.

7.0 LIMITATIONS

This report has been prepared for the exclusive use of Mr. Michael Wallace, the owner and operator of the Carolina Country Convenience facility, and the SCDHEC for specific application to the referenced site in Chesterfield County, South Carolina. The activities were conducted based on the scope of work and level of effort specified by the SCDHEC and with resources adequate only for that scope of work. Our findings have been developed in accordance with generally accepted standards of geology and hydrogeology practices in the State of South Carolina, available information, and our professional judgment. No other warranty is expressed or implied.

The data that are presented in this report are indicative of conditions that existed at the precise locations sampled and at the time the samples were collected. In addition, the data obtained from samples would be interpreted as being meaningful with respect to parameters indicated in the laboratory report. No additional information can logically be inferred from these data. Please note that certain information contained in this report was not obtained under the direct supervision of GRI personnel. Therefore, GRI cannot verify the accuracy of this information. However, for the purpose of this report, GRI assumes the information is correct.

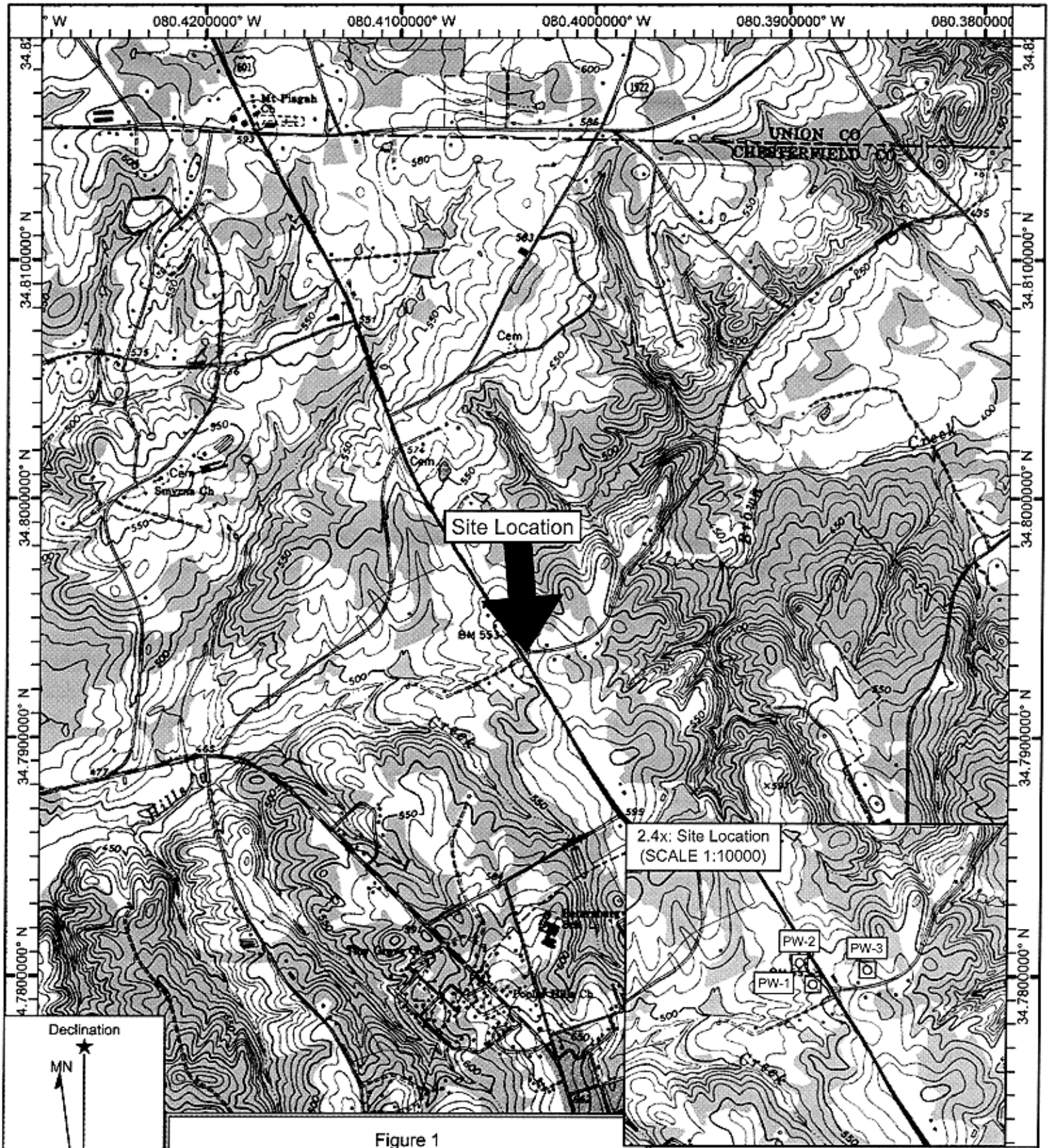


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

Name: Topographic Map
Date: 04/19/16
Scale: 1 inch = 2,000 ft.

Map Center Location: 034.7940878° N 080.4035483° W

Generated by Geological Resources, Inc.

N

LEGEND

Water Supply Well

030-000-000-005 Parcel ID Number

Outline of Pond

PW-2

PW-1

030-000-000-003

030-000-000-004

030-000-000-005

030-000-000-007

SITE

PW-3

030-000-000-006

BROCK ROAD

HIGHWAY 601 NORTH

019-000-000-038

030-000-000-008

030-000-000-012

POND

POND

1,000-FT RADIUS

0 100 200 400 Feet

SCALE: 1 INCH = 200 FEET

FIGURE 2
SITE VICINITY MAP
CAROLINA COUNTRY CONVENIENCE
1908 HIGHWAY 601 NORTH
PAGELAND, CHESTERFIELD COUNTY
SOUTH CAOLINA
UST PERMIT NO. 02261
GRI PROJECT NO. 3289

PREPARED BY:
GEOLOGICAL RESOURCES INC.
AUGUST 5, 2016

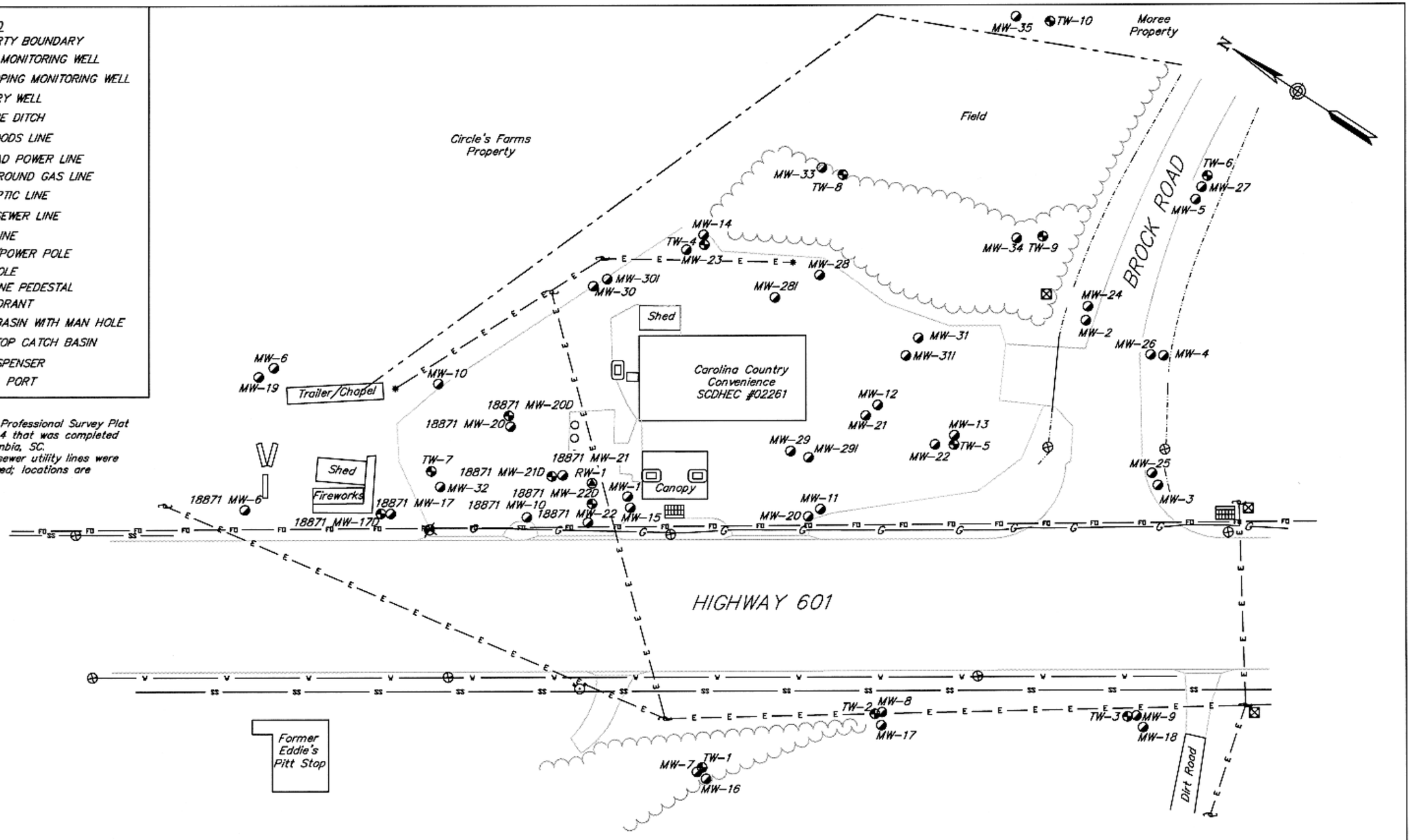
Geological Resources, Inc.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

LEGEND

- PROPERTY BOUNDARY
- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

Note:
1. This Map is based on a Professional Survey Plat dated December 17, 2014 that was completed by Jay S. Joshi of Columbia, SC.
2. Fiber optic, water, and sewer utility lines were not professionally surveyed; locations are approximate.



Geological Resources, Inc.

0 25 50 100
(IN FEET)
1 inch = 50 ft

SITE MAP

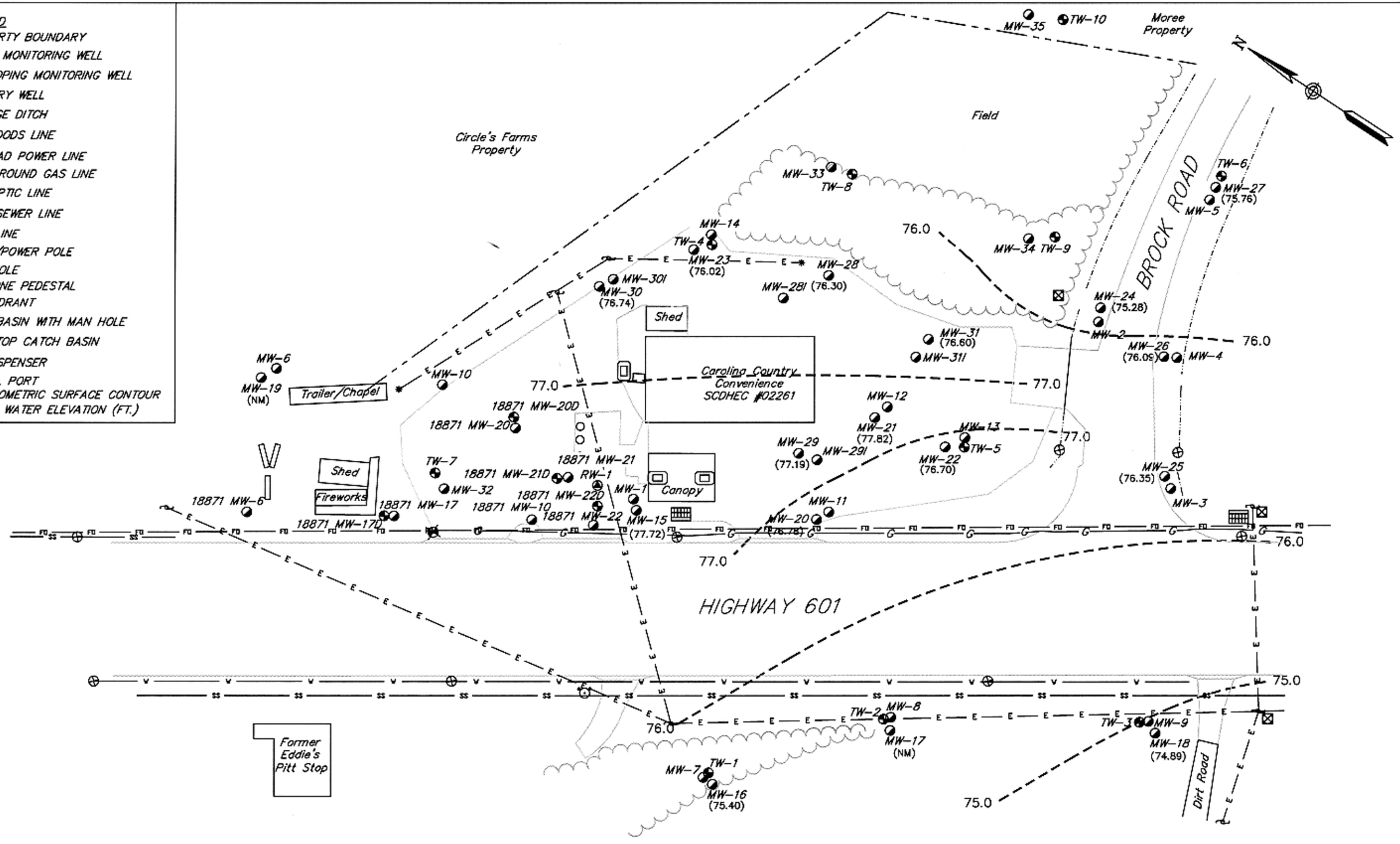
Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	11/19/19	Drawn by:	DTH	Figure:	3

LEGEND

- PROPERTY BOUNDARY
- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
- FIBER OPTIC LINE
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT
- 77.0 — POTENTIOMETRIC SURFACE CONTOUR
- (76.53) — GROUND WATER ELEVATION (FT.)



Geological Resources, Inc.

0 25 50 100

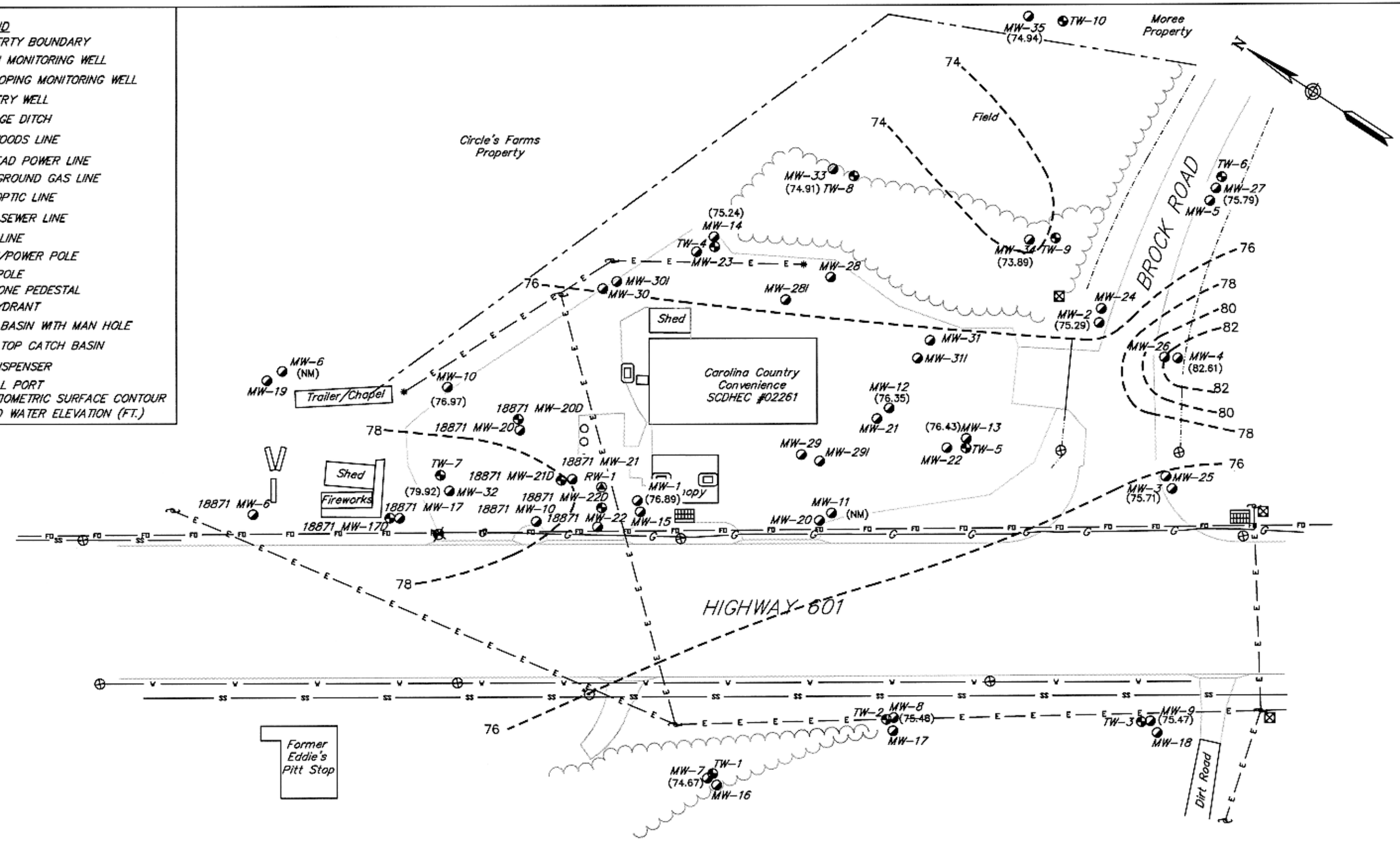
(IN FEET)
1 inch = 50 ft

POTENTIOMETRIC SURFACE MAP – SHALLOW WELLS (08/26/19)

Carolina Country Convenience UST Permit No. 02261 GRI Project No. 3289	1908 Highway 601 North Pageland, Chesterfield County, SC
Date: 11/19/19	Drawn by: DTH
Figure: 4	

LEGEND

- PROPERTY BOUNDARY
- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- E — E — OVERHEAD POWER LINE
- G — UNDERGROUND GAS LINE
- FO — FIBER OPTIC LINE
- SS — STORM SEWER LINE
- W — WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT
- 76 — POTENTIOMETRIC SURFACE CONTOUR
- (76.53) GROUND WATER ELEVATION (FT.)



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

POTENTIOMETRIC SURFACE MAP – INTERMEDIATE WELLS (09/03/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	11/19/19	Drawn by:	DTH	Figure:	5

LEGEND

- PROPERTY BOUNDARY
- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- OVERHEAD POWER LINE
- UNDERGROUND GAS LINE
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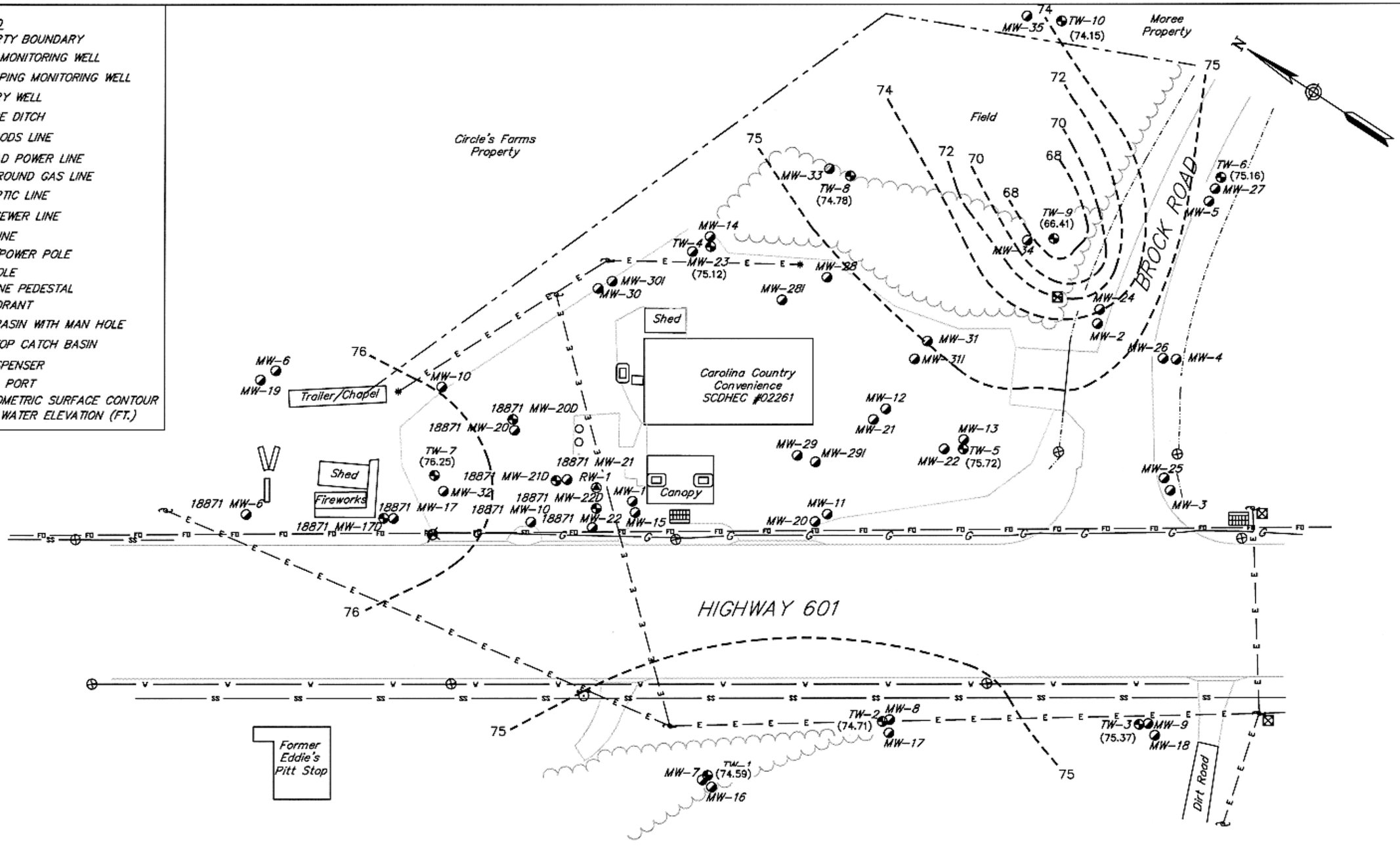
- STORM SEWER LINE
- WATER LINE
- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT
- 74 (76.53) POTENTIOMETRIC SURFACE CONTOUR GROUND WATER ELEVATION (FT.)



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

POTENTIOMETRIC SURFACE MAP – DEEP WELLS (09/03/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	11/19/19	Drawn by:	DTH	Figure:	6

LEGEND

PROPERTY BOUNDARY
TYPE III MONITORING WELL
TELESCOPING MONITORING WELL
RECOVERY WELL
DRAINAGE DITCH
TREE/WOODS LINE
OVERHEAD POWER LINE
UNDERGROUND GAS LINE
FIBER OPTIC LINE
STORM SEWER LINE
WATER LINE
UTILITY/POWER POLE
LIGHT POLE
TELEPHONE PEDESTAL
FIRE HYDRANT
CATCH BASIN WITH MAN HOLE
GRATE TOP CATCH BASIN
FUEL DISPENSER
UST FILL PORT

18,400	BENZENE
17,700	TOLUENE
1,350	ETHYLBENZENE
8,570	XYLENES
1,810	MTBE
<250	NAPHTHALENE
653	1,2-DCA
115	EDB

CONCENTRATIONS IN µg/L

<0.20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

CONCENTRATIONS IN BOLD FACE TYPE EXCEEDED THE RBSL

Circle's Farms Property
Moree Property
Field
BROCK ROAD
Dirt Road
Trailer/Chapel
Shed
Fireworks
Canopy
Carolina Country Convenience SCDHEC #02261
Former Eddie's Pitt Stop

MW-35: <0.31 / <0.30 / <0.36 / <0.72 / <0.23 / <1.0 / <0.31 / <0.0093
MW-33: 3,080 / <15 / 149 / 1,470 / 153 / 416 / 72.7 / 5.7
MW-34: 0.62 J / <0.30 / <0.36 / <0.72 / 1.1 / <1.0 / <0.31 / <0.0093
MW-23: 22.1 / 2.0 / 4.5 / 21.6 / <0.23 / 1.2 J / <0.31 / 0.041
MW-30: 179 / 202 / 1,200 / 3,150 / <4.6 / 396 / <6.2 / 0.51
MW-31: 6,440 / 7,700 / 785 / 6,070 / 157 / 269 J / 233 J / 59.4
MW-28: 30,000 / 14,000 / 1,800 / 9,880 / 5,880 / <500 / 1,770 / 261
MW-27: <0.31 / <0.30 / <0.36 / <0.72 / <0.23 / <1.0 / <0.31 / <0.0094
MW-24: <0.31 / <0.30 / <0.36 / <0.72 / <0.23 / <1.0 / <0.31 / <0.0094
MW-26: <0.31 / <0.30 / <0.36 / <0.72 / <0.23 / <1.0 / <0.31 / <0.0093
MW-25: <0.31 / <0.30 / <0.36 / <0.72 / <0.23 / <1.0 / <0.31 / <0.0094
MW-29: 3,980 / 9,780 / 2,570 / 14,500 / 43.3 J / 606 / <31 / 7.4
MW-32: 46.7 / <0.30 / <0.36 / 33.0 / 1.0 / <1.0 / 0.62 J / 0.014 J
MW-15: 18,400 / 17,700 / 1,350 / 8,570 / 1,810 / <250 / 653 / 115
MW-20: 6,670 / 17,500 / 1,620 / 12,200 / <46 / 510 J / 83.7 J / 30.9
MW-21: 15,700 / 3,300 / 1,860 / 9,830 / 483 / <250 / 411 / 7.9
MW-22: 5,700 / 527 / 2,300 / 5,880 / <23 / 638 / 48.9 J / 5.0
MW-18: <0.31 / <0.30 / <0.36 / <0.72 / <0.23 / <1.0 / <0.31 / <0.0092
MW-16: <0.31 / <0.30 / <0.36 / <0.72 / <0.23 / <1.0 / <0.31 / <0.0093

MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-17 (NS), MW-19 (NS), MW-20D, MW-21D, MW-22D, MW-28I, MW-29I, MW-30I, MW-31I, RW-1, TW-1, TW-2, TW-3, TW-4, TW-5, TW-6, TW-7, TW-8, TW-9, TW-10, 18871 MW-6, 18871 MW-10, 18871 MW-17, 18871 MW-17D, 18871 MW-20, 18871 MW-21, 18871 MW-22

Geological Resources, Inc.

0 25 50 100
(IN FEET)
1 inch = 50 ft

GROUND WATER QUALITY MAP SHALLOW WELLS (08/26/19, 09/03/19, 09/04/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date: 11/19/19 | Drawn by: DTH | Figure: 7

LEGEND

- PROPERTY BOUNDARY
- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
- E — E — OVERHEAD POWER LINE
- G — UNDERGROUND GAS LINE
- FO — FIBER OPTIC LINE
- SS — STORM SEWER LINE
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- UTILITY/POWER POLE
- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

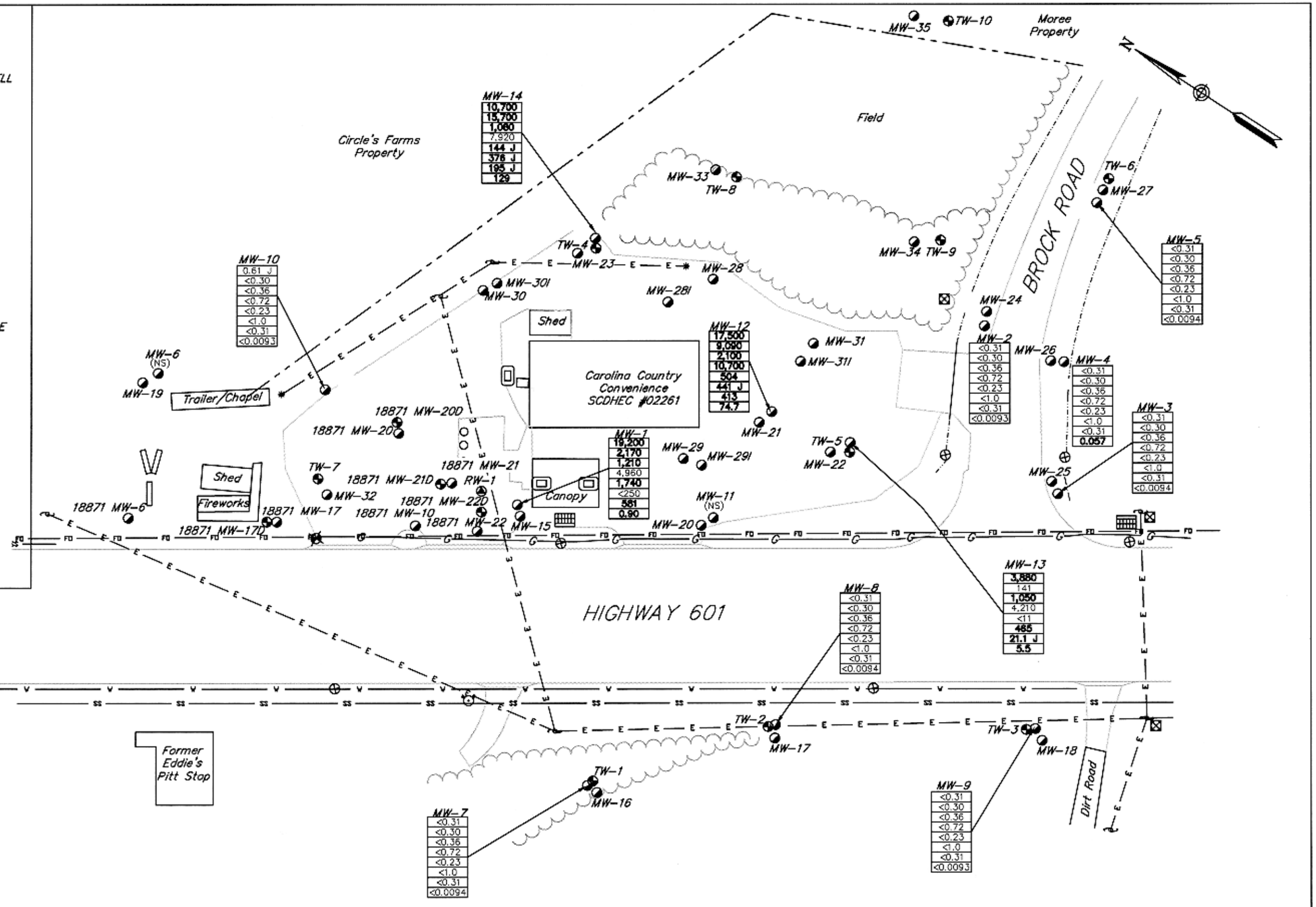
19,200	BENZENE
2,170	TOLUENE
1,210	ETHYLBENZENE
4,960	XYLENES
1,740	MTBE
<250	NAPHTHALENE
581	1,2-DCA
0.90	EDB

CONCENTRATIONS IN µg/L

<0.20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

CONCENTRATIONS IN BOLD FACE TYPE EXCEEDED THE RBSL



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

GROUND WATER QUALITY MAP INTERMEDIATE WELLS (09/04/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	11/19/19	Drawn by:	DTH	Figure:	8

LEGEND

- PROPERTY BOUNDARY
- TYPE III MONITORING WELL
- TELESCOPING MONITORING WELL
- RECOVERY WELL
- DRAINAGE DITCH
- TREE/WOODS LINE
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- STORM SEWER LINE
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- LIGHT POLE
- TELEPHONE PEDESTAL
- FIRE HYDRANT
- CATCH BASIN WITH MAN HOLE
- GRATE TOP CATCH BASIN
- FUEL DISPENSER
- UST FILL PORT

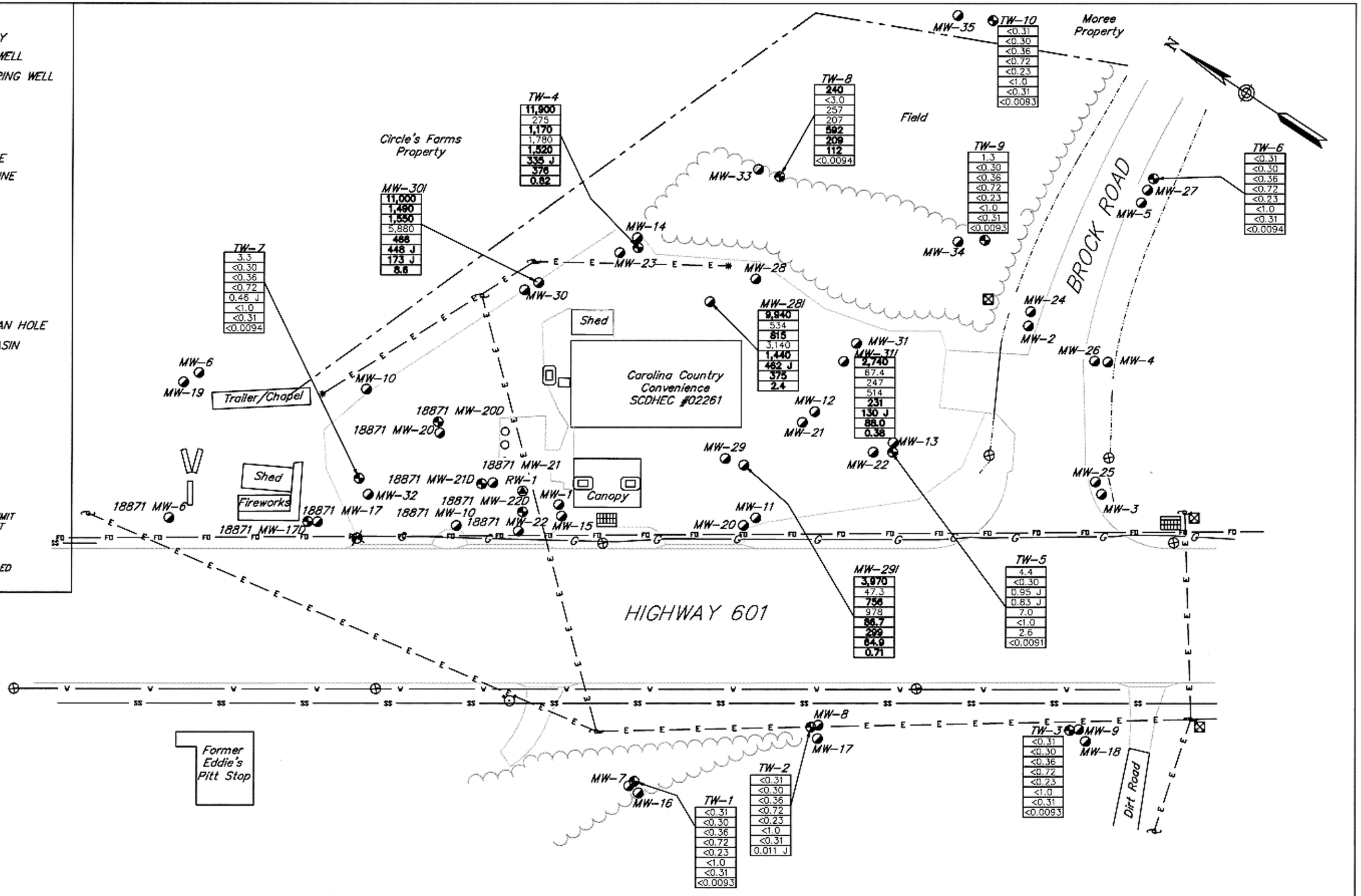
15,700	BENZENE
1,100	TOLUENE
1,690	ETHYLBENZENE
6,140	XYLENES
1,780	MTBE
483 J	NAPHTHALENE
441	1,2-DCA
3.0	EDB

CONCENTRATIONS IN µg/L

<0.20 LESS THAN THE METHOD DETECTION LIMIT SPECIFIED IN THE LABORATORY REPORT

"J" ESTIMATED VALUE

CONCENTRATIONS IN BOLD FACE TYPE EXCEEDED THE RBSL



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

GROUND WATER QUALITY MAP DEEP WELLS (08/27/19, 09/04/19)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	11/19/19	Drawn by:	DTH	Figure:	9

TABLES

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)
02261 MW-1	08/09/13	NM	---	12.39	---	---	35	25-35
	11/18/14	101.09	---	23.88	---	77.21		
	04/27/15		---	10.91	---	90.18		
	11/23/15		---	13.75	---	87.34		
	07/26/16		---	22.02	---	79.07		
	04/10/18		---	18.21	---	82.88		
	01/30/19		---	5.26	---	95.83		
	09/03/19		---	24.20	---	76.89		
02261 MW-2	11/18/14	105.45	---	29.17	---	76.28	42	37-42
	04/27/15		---	14.88	---	90.57		
	11/23/15		---	20.00	---	85.45		
	07/26/16		---	28.67	---	76.78		
	04/10/18		---	23.47	---	81.98		
	01/30/19		---	6.59	---	98.86		
	09/03/19		---	30.16	---	75.29		
02261 MW-3	11/18/14	102.34	---	25.80	---	76.54	42	37-42
	04/27/15		---	11.45	---	90.89		
	11/23/15		---	16.54	---	85.80		
	07/26/16		---	25.09	---	77.25		
	04/10/18		---	20.10	---	82.24		
	01/30/19		---	4.53	---	97.81		
	09/03/19		---	26.63	---	75.71		
02261 MW-4	11/18/14	103.89	---	27.43	---	76.46	42	37-42
	04/27/15		---	13.93	---	89.96		
	11/23/15		---	19.00	---	84.89		
	07/26/16		---	21.87	---	82.02		
	04/10/18		---	21.69	---	82.20		
	01/30/19		---	4.74	---	99.15		
	09/03/19		---	21.28	---	82.61		
02261 MW-5	11/18/14	109.60	---	33.30	---	76.30	42	37-42
	04/27/15		---	20.20	---	89.40		
	11/23/15		---	24.49	---	85.11		
	07/26/16		---	30.63	---	78.97		
	04/10/18		---	27.60	---	82.00		
	01/30/19		---	10.77	---	98.83		
	09/03/19		---	33.81	---	75.79		
02261 MW-6	11/18/14	101.00	---	20.86	---	80.14	35	30-35
	04/27/15		---	8.43	---	92.57		
	11/23/15		---	5.87	---	95.13		
	07/26/16		---	16.69	---	84.31		
	04/10/18	100.93	---	16.53	---	84.40		
	01/30/19		---	4.29	---	96.64		
	09/03/19		---	NM	---	NM		
02261 MW-7	11/18/14	96.55	---	20.60	---	75.95	*30	25-30
	04/27/15		---	7.17	---	89.38		
	11/23/15		---	9.68	---	86.87		
	07/26/16		---	19.88	---	76.67		
	04/10/18		---	15.15	---	81.40		
	01/30/19		---	3.74	---	92.81		
	09/03/19		---	21.88	---	74.67		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)
02261 MW-8	11/18/14	97.79	---	20.75	---	77.04	*30	25-30
	04/27/15		---	7.79	---	90.00		
	11/23/15		---	9.02	---	88.77		
	07/26/16		---	20.15	---	77.64		
	04/10/18		---	15.25	---	82.54		
	01/30/19		---	3.43	---	94.36		
	09/03/19		---	22.31	---	75.48		
02261 MW-9	11/18/14	101.45	---	25.04	---	76.41	*30	25-30
	04/27/15		---	11.09	---	90.36		
	11/23/15		---	15.43	---	86.02		
	07/26/16		---	24.18	---	77.27		
	04/10/18		---	19.61	---	81.84		
	01/30/19		---	5.82	---	95.63		
	09/03/19		---	25.98	---	75.47		
02261 MW-10	11/18/14	102.08	---	24.02	---	78.06	35	30-35
	04/27/15		---	12.66	---	89.42		
	11/23/15		---	11.30	---	90.78		
	07/26/16		---	23.42	---	78.66		
	04/10/18		---	17.43	---	84.65		
	01/30/19		---	4.34	---	97.74		
	09/03/19		---	25.11	---	76.97		
02261 MW-11	11/18/14	101.41	---	24.63	---	76.78	35	30-35
	04/27/15		---	13.60	---	87.81		
	11/23/15		---	17.33	---	84.08		
	07/26/16		---	24.00	---	77.41		
	04/10/18		---	18.94	---	82.47		
	08/23/18		---	32.04	---	69.37		
	01/30/19		---	5.17	---	96.24		
	09/03/19		---	NM	---	NM		
02261 MW-12	11/18/14	103.43	---	26.88	---	76.55	35	30-35
	04/27/15		---	13.12	---	90.31		
	11/23/15		---	18.67	---	84.76		
	07/26/16		---	25.88	---	77.55		
	04/10/18		---	21.02	---	82.41		
	08/23/18		---	33.93	---	69.50		
	01/30/19		---	6.47	---	96.96		
	09/03/19		---	27.08	---	76.35		
02261 MW-13	11/18/14	102.12	---	25.53	---	76.59	35	30-35
	04/27/15		---	11.52	---	90.60		
	11/23/15		---	17.26	---	84.86		
	07/26/16		---	24.74	---	77.38		
	04/10/18		---	19.79	---	82.33		
	08/23/18		---	32.83	---	69.29		
	01/30/19		---	5.23	---	96.89		
	09/03/19		---	25.69	---	76.43		
02261 MW-14	11/18/14	104.11	---	27.80	---	76.31	35	30-35
	04/27/15		---	15.93	---	88.18		
	11/23/15		---	19.39	---	84.72		
	07/26/16		---	27.54	---	76.57		
	04/10/18		---	22.13	---	81.98		
	08/23/18		---	34.07	---	70.04		
	01/30/19		---	6.17	---	97.94		
	09/03/19		---	28.87	---	75.24		
02261 MW-15	04/10/18	101.01	---	17.95	---	83.06	25	15-25
	01/30/19		---	4.96	---	96.05		
	08/26/19		---	23.29	---	77.72		

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)
02261 MW-16	04/10/18	93.76	---	12.31	---	81.45	25	15-25
	01/30/19		---	1.10	---	92.66		
	08/26/19		---	18.36	---	75.40		
02261 MW-17	04/10/18	95.32	---	11.33	---	83.99	25	15-25
	01/30/19		---	0.88	---	94.44		
	08/26/19		---	NM	---	NM		
02261 MW-18	04/10/18	97.70	---	16.89	---	80.81	24	14-24
	01/30/19		---	24.39	---	73.31		
	08/26/19		---	22.81	---	74.89		
02261 MW-19	04/10/18	100.86	---	22.56	---	78.30	30	15-30
	01/30/19		---	4.23	---	96.63		
	08/26/19		---	NM	---	NM		
02261 MW-20	04/10/18	101.50	---	19.16	---	82.34	30	15-30
	08/23/18		---	29.65	---	71.85		
	01/30/19		---	5.36	---	96.14		
	08/26/19		---	24.72	---	76.78		
02261 MW-21	04/10/18	103.41	---	21.00	---	82.41	30	15-30
	08/23/18		---	29.52	---	73.89		
	01/30/19		---	6.46	---	96.95		
	08/26/19		---	25.59	---	77.82		
02261 MW-22	04/10/18	102.01	---	19.71	---	82.30	30	15-30
	08/23/18		---	29.36	---	72.65		
	01/30/19		---	5.24	---	96.77		
	08/26/19		---	25.31	---	76.70		
02261 MW-23	04/10/18	103.98	---	21.71	---	82.27	30	15-30
	08/23/18		---	29.82	---	74.16		
	01/30/19		---	5.97	---	98.01		
	08/26/19		---	27.96	---	76.02		
02261 MW-24	04/10/18	105.46	---	23.49	---	81.97	37	12-37
	01/30/19		---	6.57	---	98.89		
	08/26/19		---	30.18	---	75.28		
02261 MW-25	04/10/18	102.33	---	20.08	---	82.25	37	12-37
	01/30/19		---	4.32	---	98.01		
	08/26/19		---	25.98	---	76.35		
02261 MW-26	04/10/18	103.87	---	21.61	---	82.26	37	12-37
	01/30/19		---	12.86	---	91.01		
	08/26/19		---	27.78	---	76.09		
02261 MW-27	04/10/18	109.95	---	28.12	---	81.83	37	12-37
	01/30/19		---	10.53	---	99.42		
	08/26/19		---	34.19	---	75.76		
02261 MW-28	08/21/18	104.81	---	Dry	---	NM	30	15-30
	09/18/18		---	27.95	---	76.86		
	01/30/19		---	7.34	---	97.47		
	08/26/19		---	28.51	---	76.30		
02261 MW-29	08/21/18	102.75	---	Dry	---	NM	30	15-30
	09/18/18		---	Dry	---	NM		
	01/30/19		---	5.94	---	96.81		
	08/26/19		---	25.56	---	77.19		
02261 MW-30	08/21/18	103.35	---	Dry	---	NM	30	15-30
	09/18/18		---	Dry	---	NM		
	01/30/19		---	5.77	---	97.58		
	08/26/19		---	26.61	---	76.74		
02261 MW-31	08/21/18	103.48	---	Dry	---	NM	30	15-30
	09/18/18		---	Dry	---	NM		
	01/30/19		---	6.06	---	97.42		
	08/26/19		---	26.88	---	76.60		
02261 MW-32	09/03/19	99.99	---	20.07	---	79.92	35	20-35
02261 MW-33	09/03/19	113.97	---	39.06	---	74.91	*40	20-40
02261 MW-34	09/03/19	115.98	---	42.09	---	73.89	*50	30-50
02261 MW-35	09/03/19	118.89	---	43.95	---	74.94	50	30-50

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)
02261 MW-28I	08/23/18	104.27	---	37.02	---	67.25	56	51-56
	09/18/18		---	37.51	---	66.76		
	01/30/19		---	6.96	---	97.31		
	08/27/19		---	27.82	---	76.45		
02261 MW-29I	08/23/18	102.70	---	36.44	---	66.26	56	51-56
	09/18/18		---	34.91	---	67.79		
	01/30/19		---	6.08	---	96.62		
	08/27/19		---	25.41	---	77.29		
02261 MW-30I	08/23/18	103.28	---	NM	0.03	NM	56	51-56
	09/18/18		36.16	36.20	0.04	67.11		
	01/30/19		---	5.97	---	97.31		
	08/27/19		---	26.94	---	76.34		
02261 MW-31I	08/23/18	103.48	---	41.32	---	62.16	56	51-56
	09/18/18		---	36.38	---	67.10		
	01/30/19		---	6.24	---	97.24		
	08/27/19		---	26.92	---	76.56		
02261 TW-1	11/18/14	96.74	---	20.91	---	75.83	*56	51-56
	04/27/15		---	7.80	---	88.94		
	11/23/15		---	10.62	---	86.12		
	07/26/16		---	20.21	---	76.53		
	04/10/18		---	15.51	---	81.23		
	01/30/19		---	3.91	---	92.83		
	09/03/19		---	22.15	---	74.59		
02261 TW-2	11/18/14	97.63	---	21.72	---	75.91	*56	51-56
	04/27/15		---	8.12	---	89.51		
	11/23/15		---	12.27	---	85.36		
	07/26/16		---	21.07	---	76.56		
	04/10/18		---	16.34	---	81.29		
	01/30/19		---	3.51	---	94.12		
	09/03/19	96.76	---	22.05	---	74.71		
02261 TW-3	11/18/14	101.30	---	25.01	---	76.29	*56	51-56
	04/27/15		---	10.90	---	90.40		
	11/23/15		---	15.43	---	85.87		
	07/26/16		---	24.13	---	77.17		
	04/10/18		---	19.48	---	81.82		
	01/30/19		---	5.81	---	95.49		
	09/03/19		---	25.93	---	75.37		
02261 TW-4	11/18/14	104.00	---	27.44	---	76.56	61	56-61
	04/27/15		---	14.17	---	89.83		
	11/23/15		---	16.99	---	87.01		
	07/26/16		---	27.61	---	76.39		
	04/10/18		---	22.10	---	81.90		
	01/30/19		---	6.36	---	97.64		
	09/03/19		---	28.88	---	75.12		
02261 TW-5	11/18/14	102.09	---	25.47	---	76.62	61	56-61
	04/27/15		---	11.94	---	90.15		
	11/23/15		---	16.41	---	85.68		
	07/26/16		---	23.21	---	78.88		
	04/10/18		---	19.72	---	82.37		
	01/30/19		---	4.87	---	97.22		
	09/03/19		---	26.37	---	75.72		
02261 TW-6	04/27/15	110.32	---	19.17	---	91.15	68	63-68
	11/23/15		---	25.04	---	85.28		
	07/26/16		---	33.65	---	76.67		
	04/10/18		---	28.46	---	81.86		
	01/30/19		---	66.36	---	43.96		
	09/03/19		---	35.16	---	75.16		
02261 TW-7	09/03/19	100.01	---	23.76	---	76.25	56	51-56
02261 TW-8	09/03/19	113.63	---	38.85	---	74.78	*68	63-68
02261 TW-9	09/03/19	115.72	---	49.31	---	66.41	*68	63-68

TABLE 1
SUMMARY OF GROUND WATER ELEVATION DATA
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Top of Casing Elevation (ft)	Depth to Product (ft)	Depth to Ground Water (ft)	Product Thickness (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)
02261 TW-10	09/03/19	118.47	---	44.32	---	74.15	68	63-68
18871 MW-10	11/18/14	100.03	---	19.70	---	80.33	35	25-35
	11/23/15		---	17.66	---	82.37		
18871 MW-20	11/18/14	101.77	---	23.18	---	78.59	35	25-35
	11/23/15		---	19.66	---	82.11		
18871 MW-20D	11/18/14	101.93	---	27.53	---	74.40	60	55-60
	11/23/15		---	13.23	---	88.70		
18871 MW-21	11/18/14	101.00	---	21.56	---	79.44	35	25-35
	11/23/15		---	12.38	---	88.62		
18871 MW-21D	11/18/14	101.04	---	18.68	---	82.36	60	55-60
	11/23/15		---	15.69	---	85.35		
18871 MW-22	11/18/14	100.24	---	23.16	---	77.08	35	25-35
	11/23/15		---	12.61	---	87.63		
18871 MW-22D	11/18/14	100.55	---	23.81	---	76.74	60	55-60
	11/23/15		---	12.91	---	87.64		

Notes:

- Elevations relative to temporary benchmark set at 100.00 ft ; data reported in feet.
- NM: Not measured.
- *: Well casing/riser extends from 2-4' above grade and is housed in a protective "stick up" protector.

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**	**15**
02261 MW-1	08/09/13	**19,000**	**7,150**	**1,700**	8,910	**2,360**	**469 J**	**794**	**104**	7.9
	11/19/14	**23,400**	**10,200**	**1,780**	9,590	**2,900**	**520 J**	**934**	**123**	6.5
	04/27/15	**20,100**	**13,000**	**1,380**	6,830	**2,030**	**640 J**	**683**	**113**	NR
	11/23/15	**18,400**	**3,730**	**1,410**	7,350	**1,860**	**322 J**	**700**	**67.4**	NR
	07/26/16	**15,800**	**6,970**	**1,060**	5,440	**1,980**	**122 J**	**625**	**121**	NR
	04/11/18	**9,730**	452	**766**	4,250	**1,050**	**195 J**	**354**	**32.7**	NR
	01/30/19	**20,700**	807	**1,550**	7,700	**2,620**	**405 J**	**811**	**43.8**	NR
	09/04/19	**19,200**	**2,170**	**1,210**	4,960	**1,740**	<250	**581**	**0.90**	NR
02261 MW-1 DUP	08/09/13	**19,700**	**7,910**	**1,710**	9,110	**2,440**	**494 J**	**820**	**107**	12.2
	11/19/14	**22,100**	**10,400**	**1,640**	9,020	**2,640**	**665 J**	**873**	**138**	**56.3**
	04/27/15	**18,900**	**13,100**	**1,310**	6,680	**2,010**	**449 J**	**617**	**131**	NR
	07/26/16	**7,890**	**13,100**	**1,650**	8,820	**2,070**	**450 J**	**681**	**88.6**	NR
02261 MW-1 DUP-A	01/30/19	**22,400**	812	**1,650**	8,140	**2,950**	**453**	**802**	**41.1**	NR
	09/04/19	**17,400**	**2,250**	**1,270**	5,430	**1,900**	**282 J**	**535**	**0.90**	NR
02261 MW-2	11/18/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	0.046	**106**
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR
	11/23/15	1.1	1.1	0.51 J	1.9 J	<0.30	<1.0	<0.20	0.030	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0097	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
	01/31/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.010	NR
	09/04/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-3	11/18/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	0.028	**49.4**
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	0.025	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	**0.096**	NR
	07/26/16	0.38 J	0.24 J	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0097	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	09/04/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-4	11/18/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	0.020	**48.9**
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	**0.10**	NR
	07/26/16	0.23 J	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0097	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	**0.30**	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	**0.51**	NR
	09/04/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	**0.057**	NR
02261 MW-5	11/18/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	<5.0
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0097	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	09/04/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
00261 MW-5 DUP	04/27/15	<0.50	<1.0	<0.50	<1.3	<0.75	<2.5	<0.50	<0.0096	NR
02261 MW-6	11/18/14	<0.24	<0.20	<0.28	<0.66	0.67 J	<1.0	<0.24	<0.0096	7.1
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0098	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	01/30/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	08/26/19	NS	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-7	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	5.9
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0095	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0099	NR
	04/10/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	09/04/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		5	1,000	700	10,000	40	25	5	0.05	15
02261 MW-8	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	<5.0
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0091	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0097	NR
	04/10/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	09/04/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-9	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0094	6.6
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0096	NR
	04/10/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	09/04/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-10	11/18/14	**9.3**	<0.20	<0.28	3.4	0.83 J	<1.0	0.34 J	<0.0094	9.9
	04/27/15	2.0	<0.40	<0.20	<0.51	0.32 J	<1.0	<0.20	<0.0093	NR
	11/23/15	**2,900**	<20	**715**	1,750	**170**	**251**	**54.5**	**1.9**	NR
	07/26/16	4.1	0.48 J	<0.25	<0.56	0.41 J	<1.0	<0.28	<0.0096	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
	01/30/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	09/04/19	0.61 J	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-11	11/19/14	**18,100**	**6,040**	**2,590**	**12,900**	**671**	**569 J**	**530**	**44.9**	9.1
	04/27/15	**8,540**	**16,700**	**2,230**	**12,400**	**193 J**	**595 J**	**154 J**	**55.4**	NR
	11/23/15	**2,490**	**1,990**	**1,220**	7,550	<15	**432**	**69.3**	**2.1**	NR
	07/26/16	**330**	100	135	930	<1.0	**60.7**	**8.4**	**1.4**	NR
	04/11/18	**630**	89.2	172	598	<2.3	22.9 J	4.4 J	**0.62**	NR
	01/31/19	**647**	64.1	186	187	<2.3	**50.9**	**15.1**	**1.1**	NR
	08/26/19	NS	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-12	11/19/14	**14,400**	**19,800**	**2,230**	**12,400**	**356**	**494 J**	**308**	**81.6**	<5.0
	04/27/15	**13,800**	**21,100**	**2,190**	**11,000**	**305**	**555 J**	**271**	**77.5**	NR
	11/23/15	**15,800**	**21,400**	**2,820**	**13,600**	**262**	**426 J**	**260**	**67.3**	NR
	07/26/16	**14,000**	**18,700**	**1,920**	**11,600**	**446**	**542 J**	**393**	**98.1**	NR
	04/11/18	**13,100**	**1,880**	**1,800**	**10,100**	**315**	**453 J**	**268**	**42.4**	NR
	01/30/19	**16,600**	**1,940**	**2,470**	**10,500**	**385**	**721 J**	**274**	**32.2**	NR
	09/04/19	**17,500**	**9,090**	**2,100**	**10,700**	**504**	**441 J**	**413**	**74.7**	NR
02261 MW-13	11/19/14	**4,600**	478	**1,930**	6,420	**40.7 J**	**561**	**45.3 J**	**4.6**	**23.3**
	04/27/15	**4,220**	432	**2,200**	6,520	26.4 J	**848**	**29.9 J**	**4.2**	NR
	11/23/15	**4,850**	449	**2,290**	6,310	<30	**541**	**40.9 J**	**5.0**	NR
	07/26/16	**4,350**	355	**1,590**	5,980	27.9 J	**595**	**45.5 J**	**6.4**	NR
	04/11/18	**4,530**	252	**1,770**	5,290	<23	**454 J**	<31	**3.1**	NR
	02/01/19	**4,420**	283	**1,950**	5,890	<11	**755**	**24.2 J**	**3.1**	NR
	09/04/19	**3,880**	141	**1,050**	4,210	<11	**465**	**21.1 J**	**5.5**	NR
00261 MW-13 DUP	11/23/15	**4,880**	417	**2,190**	6,260	<30	**531**	**42.8 J**	**4.8**	NR
02261 MW-14	11/19/14	**11,200**	**18,300**	**1,520**	8,560	**221**	**468 J**	**268**	**153**	<5.0
	04/27/15	**11,700**	**16,300**	**1,440**	7,500	**232**	**508 J**	**273**	**170**	NR
	11/23/15	**13,200**	**21,700**	**2,070**	9,940	**200**	**375 J**	**268**	**126**	NR
	07/26/16	**9,290**	**17,500**	**1,070**	6,820	**216**	**386 J**	**276**	**161**	NR
	04/11/18	**10,200**	**17,300**	**1,530**	9,060	**179 J**	**378 J**	**201**	**95.6**	NR
	01/30/19	**12,500**	**21,600**	**1,740**	**10,200**	**195 J**	**575 J**	**212**	**84.6**	NR
	09/04/19	**10,700**	**15,700**	**1,080**	7,920	**144 J**	**376 J**	**195 J**	**129**	NR
02261 MW-14 DUP	11/19/14	**11,500**	**19,300**	**1,710**	9,230	**213**	**461 J**	**261**	**121**	7.5
	11/23/15	**10,800**	**19,900**	**1,670**	8,030	**186 J**	**338 J**	**256**	**135**	NR
	07/26/16	**11,600**	**5,910**	**1,280**	8,320	**1,420**	**370 J**	**266**	**123**	NR
	04/11/18	**9,750**	**15,500**	**1,450**	8,450	**203**	**448 J**	**265**	**112**	NR
	01/30/19	**12,000**	**20,100**	**1,730**	**10,100**	**217**	**623**	**224**	**127**	NR
	09/04/19	**9,940**	**15,900**	**1,220**	8,910	**152**	**410 J**	**202**	**129**	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		5	1,000	700	10,000	40	25	5	0.05	15
02261 MW-15	04/11/18	**26,200**	**8,140**	**2,500**	**12,100**	**2,330**	**369 J**	**942**	**115**	NR
	01/30/19	**24,000**	**11,700**	**1,610**	8,590	**2,550**	**384 J**	**923**	**128**	NR
	08/26/19	**18,400**	**17,700**	**1,350**	8,570	**1,810**	<250	**653**	**115**	NR
02261 MW-16	04/10/18	<0.31	0.49 J	<0.36	1.2 J	<0.23	<1.0	<0.31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
	08/26/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-17	04/10/18	<0.31	0.55 J	<0.36	2.8 J	<0.23	<1.0	<0.31	<0.0093	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
	08/26/19	NS	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-18	04/10/18	<0.31	0.34 J	<0.36	4.6	<0.23	<1.0	<0.31	<0.0093	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
	08/26/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
02261 MW-19	04/11/18	2.2	15.3	2.6	22.2	0.47 J	<1.0	<0.31	<0.0094	NR
	01/30/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.010	NR
	08/26/19	NS	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-20	04/11/18	**9,870**	**18,800**	**1,980**	9,470	**256**	**204 J**	**162 J**	**59.9**	NR
	01/31/19	**16,300**	**26,300**	**2,220**	**13,200**	**450**	**476 J**	**310**	**57.6**	NR
	08/26/19	**6,670**	**17,500**	**1,620**	**12,200**	<46	**510 J**	**83.7 J**	**30.9**	NR
02261 MW-21	04/11/18	**18,300**	**19,300**	**2,790**	**13,800**	**526**	**400 J**	**416**	**86.8**	NR
	01/30/19	**16,200**	**21,300**	**2,090**	**12,200**	**418**	**449 J**	**397**	**86.2**	NR
	08/26/19	**15,700**	**3,300**	**1,860**	9,830	**483**	<250	**411**	**7.9**	NR
02261 MW-21 DUP	04/11/18	**16,500**	<60	**2,630**	**12,700**	**520**	**450 J**	**471**	**73.8**	NR
	01/30/19	**16,700**	**23,400**	**2,260**	**13,000**	**608**	**617**	**414**	**84.6**	NR
	09/04/19	**17,700**	**2,940**	**2,080**	**12,300**	**521**	**448 J**	433	**83.4**	NR
02261 MW-22	04/11/18	**5,260**	**2,640**	**2,140**	6,570	<23	**330 J**	**43.6 J**	**4.3**	NR
	01/31/19	**5,710**	446	**2,780**	6,480	34.3 J	**724**	**42.9 J**	**3.3**	NR
	08/26/19	**5,700**	527	**2,300**	5,880	<23	**638**	**48.9 J**	**5.0**	NR
02261 MW-23	04/11/18	**2,790**	**6,320**	**1,180**	5,840	<23	**228 J**	**33.3 J**	**15.2**	NR
	01/30/19	**493**	656	181	1,110	6.5 J	**61.4**	**7.4 J**	**3.3**	NR
	08/26/19	**22.1**	2.0	4.5	21.6	<0.23	1.2 J	<0.31	0.041	<10
02261 MW-24	04/11/18	<0.31	0.39 J	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	09/04/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-25	04/11/18	<0.31	<0.30	<0.36	1.8 J	<0.23	<1.0	<0.31	<0.0096	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	08/26/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-26	04/11/18	<0.31	0.37 J	<0.36	0.97 J	<0.23	<1.0	<0.31	<0.0095	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
	08/26/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-27	04/11/18	0.35 J	2.6	0.79 J	3.8	<0.23	<1.0	<0.31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	08/26/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-28	01/30/19	**27,500**	**8,680**	**2,240**	8,780	**4,950**	**475 J**	**1,230**	**201**	NR
	08/26/19	**30,000**	**14,000**	**1,800**	9,880	**5,880**	<500	**1,770**	**261**	NR
02261 MW-29	01/31/19	**8,380**	**23,000**	**2,090**	**13,500**	**187 J**	**523 J**	**115 J**	**26.7**	NR
	08/26/19	**3,980**	**9,780**	**2,570**	**14,500**	**43.3 J**	**606**	<31	**7.4**	NR
02261 MW-30	01/30/19	**115**	201	**1,240**	4,230	<4.6	**452**	<6.2	**0.22**	NR
	08/26/19	**179**	202	**1,200**	3,150	<4.6	**396**	<6.2	**0.51**	NR
02261 MW-31	01/30/19	**22,100**	**26,500**	**2,500**	**12,200**	**384**	**569 J**	**464**	**78.2**	NR
	08/26/19	**6,440**	**7,700**	**765**	6,070	**157**	**269 J**	**233 J**	**59.4**	NR
02261 MW-32	09/04/19	**46.7**	<0.30	<0.36	33.0	1.0	<1.0	0.62 J	0.014 J	NR
02261 MW-33	09/03/19	**3,080**	<15	149	1,470	**153**	**416**	**72.7**	**5.7**	NR
02261 MW-34	09/04/19	0.62 J	<0.30	<0.36	<0.72	1.1	<1.0	<0.31	<0.0093	NR
02261 MW-35	09/03/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-28I	01/30/19	**15,700**	**1,100**	**1,890**	6,140	**1,790**	**483 J**	**441**	**3.0**	NR
	08/27/19	**9,940**	534	**815**	3,140	**1,440**	**462 J**	**375**	**2.4**	NR
02261 MW-29I	01/31/19	**2,200**	103	556	1,760	**90.8**	**262**	**43.2**	**1.7**	NR
	08/27/19	**3,970**	47.3	**756**	978	**86.7**	**299**	**64.9**	**0.71**	NR

TABLE 2
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GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		5	1,000	700	10,000	40	25	5	0.05	15
02261 MW-30I	01/30/19	**16,100**	**3,210**	**2,790**	**11,700**	**813**	**921 J**	**247 J**	**18.9**	NR
	08/27/19	**11,000**	**1,490**	**1,550**	5,880	**466**	**448 J**	**173 J**	**8.6**	NR
02261 MW-31I	01/30/19	**3,840**	351	348	1,970	**332**	**169 J**	**114**	**1.1**	NR
	08/27/19	**2,740**	67.4	247	514	**231**	**130 J**	**88.0**	**0.38**	NR
02261 TW-1	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	0.045	<5.0
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0099	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	**0.075**	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0095	NR
	04/10/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
	08/28/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 TW-2	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	<5.0
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	0.23 J	<0.0095	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0094	NR
	04/10/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0096	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	08/28/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.011 J	NR
02261 TW-3	11/20/14	<0.24	0.94 J	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	**58.4**
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.010	NR
	04/10/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
	08/28/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 TW-4	11/19/14	**9,700**	168	698	720	**1,870**	**214 J**	**415**	**1.9**	**66.4**
	04/27/15	**10,300**	286	**821**	1,050	**1,720**	**332 J**	**333**	**0.88**	NR
	11/23/15	**8,250**	137	399	129 J	**1,750**	**116 J**	**385**	**0.22**	NR
	07/26/16	**9,440**	239	690	1,050	**2,020**	**241 J**	**433**	**1.2**	NR
	04/11/18	**8,200**	200	**1,070**	1,110	**1,240**	**225 J**	**279**	**0.41**	NR
	01/30/19	**9,400**	140	**711**	645	**1,550**	**273**	**324**	**0.45**	NR
	08/27/19	**11,900**	275	**1,170**	1,780	**1,520**	**335 J**	**376**	**0.82**	NR
02261 TW-5	11/19/14	**3,240**	654	**1,670**	5,840	**65.4**	**577**	**53.0**	**3.5**	**70.8**
	04/27/15	**95.8**	5.7	54.0	112	13.7	**64.6**	**8.8**	**0.25**	NR
	11/23/15	**7.7**	0.77 J	0.59 J	1.4 J	3.9	1.8 J	1.3	<0.0096	NR
	07/26/16	2.7	<0.20	0.73 J	<0.56	3.6	<1.0	1.8	<0.0092	NR
	04/11/18	0.85 J	<0.30	<0.36	<0.72	3.9	<1.0	1.4	<0.0095	NR
	01/31/19	**82.8**	4.0	19.3	39.9	10.7	10.1	3.6	<0.0093	NR
	08/27/19	4.4	<0.30	0.95 J	0.83 J	7.0	<1.0	2.6	<0.0091	NR
02261 TW-6	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0097	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR
	07/26/16	<0.20	1.4	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0099	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	08/27/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 TW-7	09/04/19	3.3	<0.30	<0.36	<0.72	0.46 J	<1.0	<0.31	<0.0094	NR
02261 TW-8	09/03/19	**240**	<3.0	257	207	**592**	**209**	**112**	<0.0094	NR
02261 TW-9	09/03/19	1.3	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 TW-10	09/03/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
18871 MW-10	11/19/14	**2,460**	13.0 J	546	1,490	**181**	**277**	**52.7**	**1.5**	**29.6**
	11/23/15	0.24 J	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0098	NR
18871 MW-20	11/18/14	**3,760**	24.2 J	671	3,420	**268**	**255**	**64.3**	**3.5**	**49.8**
	11/23/15	**3,370**	27.7 J	**874**	3,250	**196**	**195 J**	**56.6**	**4.2**	NR
18871 MW-20D	11/19/14	1.9	<0.20	<0.28	<0.66	15.2	<1.0	1.1	**0.057**	**34.8**
	11/23/15	2.9	<0.40	<0.20	<0.51	22.5	<1.0	2.9	<0.0099	NR
18871 MW-21	11/19/14	**16,300**	**21,000**	**1,710**	9,690	**3,670**	**360**	**676**	**85.5**	14.9
	11/23/15	**18,300**	**23,200**	**2,080**	**10,400**	**2,710**	**273 J**	**538**	**62.2**	NR
18871 MW-21D	11/19/14	**950**	613	42.1	225	**482**	**28.7 J**	**55.4**	**0.60**	<5.0
	11/23/15	**572**	342	36.7	172	**299**	10.7 J	**34.0**	**0.20**	NR

TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - CHEMICALS OF CONCERN
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB	Lead
RBSL (ug/l)		5	1,000	700	10,000	40	25	5	0.05	15
18871 MW-22	11/19/14	**1,490**	44.4	304	1,970	**41.2**	**181**	**24.5 J**	**4.5**	6.9
	11/23/15	**1,700**	49.4	284	1,790	**44.8**	**134**	**24.3**	**2.6**	NR
18871 MW-22D	11/19/14	**2,250**	63.2	519	771	**99.0**	**266**	**35.4**	**1.4**	**23.0**
	11/23/15	**2,880**	58.0	547	599	**163**	**235 J**	**61.4**	**0.74**	NR
PW-2	08/09/13	1.0	0.28 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0093	NR
	11/19/14	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/23/15	NS	NS	NS	NS	NS	NS	NS	NS	NS
PW-3	11/20/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0095	NR
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0094	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	0.043	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0095	NR
	04/10/18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.0038	NR
	02/01/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR
	08/27/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0037	NR
PW-3 DUP	04/10/18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.0038	NR
	02/01/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR
	08/27/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0036	NR
MW TRIP BLANK	08/09/13	<0.21	<0.20	<0.29	<0.50	<0.21	<1.0	<0.22	NR	NR
	11/19/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	NR	NR
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	NR	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	NR	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	NR	NR
	04/10/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	NR	NR
	01/30/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	08/27/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	NR	NR
	09/03/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	NR	NR
MW FIELD BLANK	08/09/13	<0.21	0.26 J	<0.29	<0.50	<0.21	<1.0	<0.22	<0.0094	<5.0
	11/19/14	<0.24	<0.20	<0.28	<0.66	<0.20	<1.0	<0.24	<0.0096	<5.0
	04/27/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR
	11/23/15	<0.20	<0.40	<0.20	<0.51	<0.30	<1.0	<0.20	<0.0096	NR
	07/26/16	<0.20	<0.20	<0.25	<0.56	<0.20	<1.0	<0.28	<0.0097	NR
	04/11/18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0097	NR
	01/30/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
	01/31/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	02/01/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0092	NR
	08/26/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	08/27/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.019	NR
	08/28/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.019	NR
	09/03/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
	09/04/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
WSW TRIP BLANK	04/10/18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	NR	NR
	02/01/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NR	NR
	08/27/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	NR	NR
WSW FIELD BLANK	04/10/18	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.0039	NR
	02/01/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0039	NR
	08/27/19	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0036	NR

Notes:
- Analyses for BTEX, MTBE, naphthalene and 1, 2-DCA by EPA Method 8260B, EDB by Method 8011 and lead by EPA Method 3010/6010; results reported in µg/l.
- On or after 04/10/18 WSW and associated blanks analyses for BTEX, MTBE, naphthalene and 1,2-DCA by Method 524.2, EDB analyses by Method 504.1, results reported in µg/l.
- RBSL: Risk Based Screening Level.
- Concentrations in bold face type exceeded the RBSL.
- <: Less than the report limit specified in the laboratory report.
- J: Estimated value.
- NS: Not sampled.
- NR: Analysis not requested.

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-1	11/19/14	<57	<950	<5,800	<50	**45,200**	<55	**28,500**	<1,000
	04/27/15	8.1	<2,500	<35	<0.20	**40,400**	15.4	**23,600**	<1,000
	11/23/15	<40	<2,000	<7,000	<40	**32,200**	<44	**18,900**	<800
	07/26/16	<0.23	<10	<50	<0.22	**36,900**	<0.20	**37,600**	<5.0
	04/11/18	<12	<500	<4,100	<12	**22,400**	<12	**20,400**	<250
	01/30/19	<60	<2,500	<20,000	<59	**41,300**	<61	**33,800**	<1,300
	09/04/19	<60	<2,500	<20,000	<59	**32,800**	<61	**34,500**	<1,300
02261 MW-1 DUP	11/19/14	<57	<950	<5,800	<50	**41,000**	<55	**26,000**	<1,000
	04/27/15	<50	<2,500	<8,800	<50	**36,500**	<55	**26,600**	<1,000
	07/26/16	<45	<2,000	<10,000	<44	**34,300**	<40	**34,400**	<1,000
	01/30/19	<12	<500	<4,100	<12	**40,500**	19.7 J	**30,800**	<250
	09/04/19	<60	<2,500	<20,000	<59	**37,000**	<61	**40,000**	<1,300
02261 MW-2	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/31/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-3	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-4	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-5	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-5 DUP	04/27/15	<0.50	<25	<88	<0.50	<20	<0.55	<14	<10
02261 MW-6	11/18/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/26/19	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-7	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-8	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-9	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-10	11/18/14	<0.23	<3.8	<23	<0.20	54.5	<0.22	12.3 J	<4.0
	04/27/15	<0.20	<10	<35	<0.20	21.9	<0.22	8.8 J	<4.0
	11/23/15	<10	<500	<1,800	<10	**2,570**	<11	**1,630**	<200
	07/26/16	<0.23	<10	<50	<0.22	22.5	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-11	11/19/14	<45	<760	<4,600	<40	**88,000**	106 J	**6,100**	<810
	04/27/15	<40	<2,000	<7,000	<40	**17,500**	<44	<1,100	<800
	11/23/15	<10	<500	<1,800	<10	**8,950**	<11	<270	<200
	07/26/16	<1.1	<50	<250	<1.1	**551**	<1.0	<45	<25
	04/11/18	<2.4	<100	<820	<2.4	**280**	<2.4	<53	<50
	01/31/19	<2.4	<100	<820	<2.4	**3,720**	<2.4	296	<50
	08/26/19	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-12	11/19/14	<45	<760	<4,600	<40	**34,100**	<44	**3,420 J**	<810
	04/27/15	<50	<2,500	<8,800	<50	**34,500**	<55	<1,400	<1,000
	11/23/15	<40	<2,000	<18,000	<40	**29,300**	<44	<1,100	<800
	07/26/16	<45	<2,000	<10,000	<44	**33,000**	<40	**2,540 J**	<1,000
	04/11/18	<24	<1,000	<8,200	<24	**39,900**	<24	**3,440**	<500
	01/30/19	<60	<2,500	<20,000	<59	**32,400**	<61	**2,670**	<1,300
	09/04/19	<60	<2,500	<20,000	<59	**37,000**	<61	**4,160 J**	<1,300
02261 MW-13	11/19/14	<23	<380	<2,300	<20	**9,820**	<22	<880	<400
	04/27/15	<10	<500	<1,800	<10	**7,810**	<11	<270	<200
	11/23/15	<20	<1,000	<3,500	<20	**8,420**	<22	<540	<400
	07/26/16	<11	<500	<2,500	<11	**7,810**	<10	<450	<250
	04/11/18	<24	<1,000	<8,200	<24	**9,610**	<24	648 J	<500
	02/01/19	<12	<500	<4,100	<12	**6,750**	<12	<270	<250
	09/04/19	<12	<500	<4,100	<12	**4,890**	<12	367 J	<250
02261 MW-13 DUP	11/23/15	<20	<1,000	<3,500	<20	**7,890**	<22	<540	<400
02261 MW-14	11/19/14	<45	<760	<4,600	<40	**23,600**	<44	**2,040 J**	<810
	04/27/15	<40	<2,000	<7,000	<40	**27,100**	72.6 J	<1,100	<800
	11/23/15	<40	<2,000	<18,000	<40	**24,100**	<44	<1,100	<800
	07/26/16	<45	<2,000	<10,000	<44	**17,300**	<40	<1,800	<1,000
	04/11/18	<48	<2,000	<16,000	<47	**21,400**	<49	**1,670 J**	<1,000
	01/30/19	<48	<2,000	<16,000	<47	**19,500**	<49	<1,100	<1,000
	09/04/19	<48	<2,000	<16,000	<47	**13,100**	<49	<1,100	<1,000
02261 MW-14 DUP	11/19/14	<45	<760	<4,600	<40	**21,900**	<44	**2,220 J**	<810
	11/23/15	<40	<2,000	<7,000	<40	**20,800**	<44	<1,100	<800
	07/26/16	<45	<2,000	<10,000	<44	**18,400**	<40	**1,950 J**	<1,000
	04/11/18	<48	<2,000	<16,000	<47	**22,600**	<49	**2,060 J**	<1,000
	01/30/19	<12	<500	<4,100	<12	**19,300**	32.5 J	**1,730**	<250
	09/04/19	<24	<1,000	<8,200	<24	**13,800**	26.7 J	**1,040 J**	<500

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-15	04/11/18	<48	<2,000	<16,000	<47	**58,000**	<49	**61,600**	<1,000
	01/30/19	<60	<2,500	<20,000	<59	**50,800**	<61	**75,800**	<1,300
	08/26/19	<60	<2,500	<20,000	<59	**28,800**	<61	**58,900**	<1,300
02261 MW-16	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/26/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-17	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/26/19	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-18	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/26/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-19	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/26/19	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-20	04/11/18	<48	<2,000	<16,000	<47	**43,300**	<49	**2,360 J**	<1,000
	01/31/19	<60	<2,500	<20,000	<59	**69,600**	<61	**4,830 J**	<1,300
	08/26/19	<48	<2,000	<16,000	<47	**9,420**	<49	<1,100	<1,000
02261 MW-21	04/11/18	<48	<2,000	<16,000	<47	**43,100**	<49	**4,680 J**	<1,000
	01/30/19	<60	<2,500	<20,000	<59	**45,500**	<61	**4,750 J**	<1,300
	08/26/19	<60	<2,500	<20,000	<59	**37,500**	<61	**6,800**	<1,300
02261 MW-21 DUP	04/11/18	<48	<2,000	<16,000	<47	**38,000**	<49	**4,680**	<1,000
	01/30/19	<12	<500	<4,100	<12	**43,500**	35.9 J	**5,680**	<250
	09/04/19	<24	<1,000	<8,200	<24	**41,000**	35.2 J	**4,330**	<500
02261 MW-22	04/11/18	<24	<1,000	<8,200	<24	**8,010**	<24	<530	<500
	01/31/19	<24	<1,000	<8,200	<24	**7,200**	<24	<530	<500
	08/26/19	<24	<1,000	<8,200	<24	**9,060**	<24	<530	<500
02261 MW-23	04/11/18	<24	<1,000	<8,200	<24	**1,470 J**	<24	<530	<500
	01/30/19	<2.4	<100	<820	<2.4	**349**	<2.4	<53	<50
	08/26/19	<0.24	<10	<82	<0.24	15.4 J	<0.24	<5.3	<5.0
02261 MW-24	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-25	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/26/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-26	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/26/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-27	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/26/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-28	01/30/19	<60	<2,500	<20,000	<59	**29,400**	**136 J**	**5,370**	<1,300
	08/26/19	<120	<5,000	<41,000	<120	**33,300**	**159 J**	**8,210 J**	<2,500
02261 MW-29	01/31/19	<60	<2,500	<20,000	<59	**6,380**	<61	<1,300	<1,300
	08/26/19	<24	<1,000	<8,200	<24	**1,430 J**	<24	<530	<500
02261 MW-30	01/30/19	<4.8	<200	<1,600	<4.7	<110	<4.9	<110	<100
	08/26/19	<4.8	<200	<1,600	<4.7	<110	<4.9	<110	<100
02261 MW-31	01/30/19	<60	<2,500	<20,000	<59	**36,100**	<61	**3,960 J**	<1,300
	08/26/19	<24	<1,000	<8,200	<24	**11,800**	<24	**1,530 J**	<500
02261 MW-32	09/04/19	<0.24	<10	<82	<0.24	106	<0.24	15.6 J	<5.0
02261 MW-33	09/03/19	<12	<500	<4,100	<12	**3,760**	12.4 J	451 J	<250
02261 MW-34	09/04/19	<0.24	<10	<82	<0.24	33.0	<0.24	26.7	<5.0
02261 MW-35	09/03/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-28I	01/30/19	<48	<2,000	<16,000	<47	**11,800**	70.2 J	**1,830 J**	<1,000
	08/27/19	<48	<2,000	<16,000	<47	**10,900**	59.7 J	**1,590 J**	<1,000
02261 MW-29I	01/31/19	<6.0	<250	<2,000	<5.9	**5,400**	<6.1	592	<130
	08/27/19	1.4	<10	<82	<0.24	**6,860**	5.8	663	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
02261 MW-30I	01/30/19	<60	<2,500	<20,000	<59	**8,290**	<61	<1,300	<1,300
	08/27/19	<48	<2,000	<16,000	<47	**5,920**	<49	<1,100	<1,000
02261 MW-31I	01/30/19	<12	<500	<4,100	<12	**8,740**	18.1 J	**1,570**	<250
	08/27/19	<12	<500	<4,100	<12	**6,870**	15.5 J	999 J	<250
02261 TW-1	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/28/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-2	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/28/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-3	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/28/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-4	11/19/14	<23	<380	<2,300	<20	**12,400**	65.1 J	**2,580**	<400
	04/27/15	<20	<1,000	<3,500	<20	**11,600**	79.0 J	<540	<400
	11/23/15	<20	<1,000	<3,500	<20	**10,100**	59.5 J	<540	<400
	07/26/16	<23	<1,000	<5,000	<22	**15,500**	71.2 J	<910	<500
	04/11/18	<24	<1,000	<8,200	<24	**8,170**	34.7 J	**1,500 J**	<500
	01/30/19	<12	<500	<4,100	<12	**9,980**	47.1 J	**1,790**	<250
	08/27/19	<24	<1,000	<8,200	<24	**9,990**	53.7 J	<530	<500
02261 TW-5	11/19/14	<11	<190	<1,200	<10	**9,690**	<11	892 J	<200
	04/27/15	<0.20	<10	<35	<0.20	**1,880**	1.6 J	210	<4.0
	11/23/15	<0.20	<10	<35	<0.20	173	0.51 J	53.2	<4.0
	07/26/16	<0.23	<10	<50	<0.22	**476**	<0.20	63.3	<5.0
	04/11/18	<0.24	<10	<82	<0.24	103	0.36 J	46.3	<5.0
	01/31/19	0.27 J	<10	<82	<0.24	**455**	0.82 J	114	<5.0
	08/27/19	<0.24	<10	<82	<0.24	220	0.44 J	65.2	<5.0
02261 TW-6	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/27/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-7	09/04/19	<0.24	<10	<82	<0.24	12.1 J	<0.24	**7.9 J**	<5.0
02261 TW-8	09/03/19	<2.4	<100	<820	<2.4	**1,620**	24.9	702	<50
02261 TW-9	09/03/19	<0.24	<10	<82	<0.24	15.1 J	<0.24	10.4 J	<5.0
02261 TW-10	09/03/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
18871 MW-10	11/19/14	<11	<190	<1,200	<10	**2,200**	<11	**1,560**	<200
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
18871 MW-20	11/18/14	<11	<190	<1,200	<10	**3,480**	<11	753 J	<200
	11/23/15	<10	<500	<1,800	<10	**2,870**	<11	<270	<200
18871 MW-20D	11/19/14	<0.23	<3.8	<23	<0.20	7.7 J	0.56 J	20.1	<4.0
	11/23/15	<0.20	<10	<35	<0.20	29.4	1.1 J	<5.4	<4.0
18871 MW-21	11/19/14	14.5	<3.8	<23	<0.20	**32,800**	<0.22	**34,500**	<4.0
	11/23/15	<40	<2,000	<7,000	<40	**31,700**	<44	**29,400**	<800
18871 MW-21D	11/19/14	<4.5	<76	<460	<4.0	**6,020**	6.2 J	**3,470**	<81
	11/23/15	1.8 J	<50	<180	<1.0	**4,000**	4.6 J	**2,210**	<20

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
CAROLINA COUNTRY CONVENIENCE (UST PERMIT # 02261)

Well No.	Date	IPE	ETBA	Ethanol	ETBE	TAA	TAME	TBA	TBF
Action Levels (ug/l)		**150**	**NE**	**10,000**	**47**	**240**	**128**	**1,400**	**NE**
18871 MW-22	11/19/14	<5.7	<95	<580	<5.0	**2,140**	<5.5	473 J	<100
	11/23/15	<4.0	<200	<700	<4.0	**2,140**	<4.4	613	<80
18871 MW-22D	11/19/14	<0.45	<7.6	<46	<0.40	**4,200**	<0.44	**1,440**	<8.1
	11/23/15	<10	<500	<1,800	<10	**4,920**	<11	**2,260**	<200
PW-3	11/20/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.40	<8.0	<40	<0.40	<8.0	<0.42	<8.0	<2.0
	02/01/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	08/27/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
PW-3 DUP C	04/10/18	<0.40	<8.0	<40	<0.40	<8.0	<0.42	<8.0	<2.0
	02/01/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	08/27/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
MW TRIP BLK	11/19/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/10/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/27/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/03/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
MW FIELD BLK	11/19/14	<0.23	<3.8	<23	<0.20	<7.4	<0.22	<8.8	<4.0
	04/27/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	11/23/15	<0.20	<10	<35	<0.20	<8.1	<0.22	<5.4	<4.0
	07/26/16	<0.23	<10	<50	<0.22	<6.0	<0.20	<9.1	<5.0
	04/11/18	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/30/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	01/31/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	02/01/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/26/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	08/27/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	08/28/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	09/03/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	09/04/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
WSW TRIP BLANK	04/10/18	<0.40	<8.0	<40	<0.40	<8.0	<0.42	<8.0	<2.0
	02/01/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	08/27/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
WSW FIELD BLANK	04/10/18	<0.40	<8.0	<40	<0.40	<8.0	<0.42	<8.0	<2.0
	02/01/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0
	08/27/19	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<8.0	<2.0

Notes:

- Analyses for selected oxygenates by EPA Method 8260B; results reported in µg/l.
- Concentrations in bold face type exceeded the Action Level.
- J: Estimated value.
- <: Less than the report limit specified in the laboratory report.
- NE: Not Established.

APPENDIX B

Subsurface Logs and Water Well Construction Records

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	MW-32	Date Drilled	08/29/19
Sample Method	Grab	Drilling Method	5" Air Hammer
Completion Details	2" well completed to 35' w/screened interval from 15' to 35'		
Driller	Bryan Vest, REDI, SCL #2188-B	Log By	Alex Lin, GRI

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 0.5' Concrete/Gravel 0.5' - 10' Reddish Brown Clay w/minor sand
2						
4						
6						
8						
10						10' - 35' Grayish Brown Clay w/minor sand
12						
14						
16						
18						
20						
22						
24						
26						
28						
30						
32						
34						Total Depth = 35 ft
36						
38						

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	MW-33	Date Drilled	08/26/19
Sample Method	Grab	Drilling Method	5" Air Hammer
Completion Details	2" well completed to 40' w/screened interval from 20' to 40'		
Driller	Bryan Vest, REDI, SCL #2188-B	Log By	Alex Lin, GRI

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 20' Red Sand with minor clay
2						
4						
6						
8						
10						
12						
14						
16						
18						
20						20' - 25' Reddish Brown Clay with minor sand
22						
24						25' - 30' Brown Clay with minor sand
26						
28						
30						30' - 40' Brown Argillite/Mudstone
32						
34						
36						
38						
40						Total Depth = 40 ft
42						
44						

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	**Carolina Country Convenience**		
Address	**1908 Highway 601 North, Pageland, Chesterfield County, SC**		
Boring Number	**MW-34**	Date Drilled	**08/28/19**
Sample Method	**Grab**	Drilling Method	**5" Air Hammer**
Completion Details	**2" well completed to 50' w/screened interval from 30' to 50'**		
Driller	**Bryan Vest, REDI, SCL #2188-B**	Log By	**Alex Lin, GRI**

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 20' Red Sand with minor clay
2						
4						
6						
8						
10						
12						
14						
16						
18						
20						20' - 25' Reddish Brown Clay with minor sand
22						
24						25' - 30' Brown Clay with minor sand
26						
28						
30						30' - 50' Brown Argillite/Mudstone
32						
34						
36						
38						
40						
42						
44						
46						
48						
50						Total Depth 50 ft
52						
54						

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	**Carolina Country Convenience**		
Address	**1908 Highway 601 North, Pageland, Chesterfield County, SC**		
Boring Number	**MW-35**	Date Drilled	**08/28/19**
Sample Method	**Grab**	Drilling Method	**5" Air Hammer**
Completion Details	**2" well completed to 51' w/screened interval from 31' to 51'**		
Driller	**Bryan Vest, REDI, SCL #2188-B**	Log By	**Alex Lin, GRI**

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 5' Brown Clay with minor sand
2						
4						5' 30' Yellow to Brown Clay with minor sand
6						
8						
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						
30						30' - 35' Brown sand with minor clay
32						
34						35' - 51' Yellow to Brown Argillite/Mudstone
36						
38						
40						
42						
44						
46						
48						
50						
51						Total Depth = 51 ft

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	**Carolina Country Convenience**		
Address	**1908 Highway 601 North, Pageland, Chesterfield County, SC**		
Boring Number	**TW-7**	Date Drilled	**08/29/19 - 08/30/19**
Sample Method	**Grab**	Drilling Method	**5" Air Hammer**
Completion Details	**5" Outer Casing to 40'; 2' inner casing to 51'; 2" screen from 51' - 56'**		
Driller	**Bryan Vest, REDI, SCL #2188-B**	Log By	**Alex Lin, GRI**

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						0' - 0.5' Concrete/Gravel 0.5' - 10' Reddish Brown Clay w/minor sand
2						
4				5	2.0	
6						
8						
10				10	0.8	10' - 40' Grayish Brown Clay w/minor sand
12						
14						
16				15	1.4	
18						
20				20	0.2	
22						
24						
26				25	12.0	
28						
30				30	7.7	
32						
34						
36				35	0.1	
38						
40				40	0.0	40' - 56' Yellowish Brown/Grey Argillite/ Mudstone
42						
44						
46				45	0.5	
48						
50				50	0.0	
52						
54						
56				56	0.0	Total Depth = 56 ft

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	TW-8	Date Drilled	08/26/19 - 08/27/19
Sample Method	Grab	Drilling Method	5" Air Hammer
Completion Details	5" outer casing to 50'; 2" inner casing to 63'; 2" screen to 63' - 68'		
Driller	Bryan Vest, REDI, SCL #2188-B	Log By	Alex Lin, GRI

Depth	Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0				0' - 20' Red Sand with minor clay
2				
4		5	0.1	
6				
8				
10		10	0.2	
12				
14				
16		15	0.4	
18				
20		20	0.2	20' - 25' Reddish Brown Clay with minor sand
22				
24				
26		25	0.2	25' - 30' Brown Clay with minor sand
28				
30		30	0.2	30' - 68' Brown Argillite/Mudstone
32				
34				
36		35	13.3	
38				
40		40	2.4	
42				
44				
46		45	10.5	
48				
50		50	3,370	
52				
54				
56		55	115.6	
58				
60		60	7.1	
62				
64				
66		65	10.7	
68		68	130	Total Depth = 68 ft

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	Carolina Country Convenience		
Address	1908 Highway 601 North, Pageland, Chesterfield County, SC		
Boring Number	TW-9	Date Drilled	08/28/19 - 08/29/19
Sample Method	Grab	Drilling Method	5" Air Hammer
Completion Details	5" outer casing to 50'; 2" inner casing to 63'; 2" screen to 63' - 68'		
Driller	Bryan Vest, REDI, SCL #2188-B	Log By	Alex Lin, GRI

Depth	Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0				0' - 20' Red Sand with minor clay
2				
4				
		5	2.4	
6				
8				
		10	2.2	
10				
12				
14				
		15	1.9	
16				
18				
20		20	0.7	20' - 25' Reddish Brown Clay with minor sand
22				
24				
		25	0.0	25' - 30' Brown Clay with minor sand
26				
28				
30		30	0.0	30' - 68' Brown Argillite/Mudstone
32				
34				
		35	0.2	
36				
38				
40		40	0.2	
42				
44				
		45	0.1	
46				
48				
50		50	0.1	
52				
54				
		55	1.9	
56				
58				
60		60	2.1	
62				
64				
66				
68		68	2.0	Total Depth = 68 ft

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

Phone: (704) 845-4010
Fax: (704) 845-4012

SUBSURFACE LOG

Project	**Carolina Country Convenience**		
Address	**1908 Highway 601 North, Pageland, Chesterfield County, SC**		
Boring Number	**TW-10**	Date Drilled	**08/28/19 - 08/29/19**
Sample Method	**Grab**	Drilling Method	**5" Air Hammer**
Completion Details	**5" outer casing to 50'; 2" inner casing to 63'; 2" screen to 63' - 68'**		
Driller	**Bryan Vest, REDI, SCL #2188-B**	Log By	**Alex Lin, GRI**

Depth	Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0				0' - 5' Brown Clay with minor sand
2				
4				
6		5	0.0	5' 30' Yellow to Brown Clay with minor sand
8				
10		10	0.2	
12				
14				
16		15	0.0	
18				
20		20	0.0	
22				
24				
26		25	0.0	
28				
30		30	0.0	30' - 35' Brown sand with minor clay
32				
34				
36		35	0.0	35' - 68' Yellow to Brown Argillite/Mudstone
38				
40		40	0.0	
42				
44				
46		45	0.0	
48				
50		50	0.0	
52				
54				
56		55	23.0	
58				
60		60	12.0	
62				
64				
66				
68		68	0.5	Total Depth = 68 ft

APPENDICES

APPENDIX A

Right-to-Enter Agreements

RIGHT TO ENTER AGREEMENT
FOR
CONDUCTING SUBSURFACE INVESTIGATIONS

SUBJECT SITE

STATE OF SOUTH CAROLINA
COUNTY OF CHESTERFIELD

We, the undersigned, being all of the fee simple owners of certain tract or parcel designated as **030000000006** of the County of Chesterfield, recognizing the benefits to said properties by reason of conducting monitoring well installations hereby grant to Mr. Mike Wallace/Carolina Country, LLC (Carolina Country) and their agents the right to enter said property in accordance with the requirements of the State of South Carolina. Carolina Country's agents may include Geological Resources, Inc.

The undersigned hereby covenant and warrant that they are the sole owners of said property; that they solely have the right to grant this right to enter for conducting the monitoring well installations against the lawful claims of all persons whomsoever.

It is agreed that Carolina Country shall be responsible for restoring any damage done to the ground of said property by its employees or its agents during the monitoring well installations and monitoring period, and that Carolina Country shall abandon the monitoring wells on said property in accordance with SCDHEC requirements after the incident has been closed.

It is agreed that Carolina Country shall hold harmless the owner of the aforementioned property for any personal injury that might be sustained during the course of conducting or proximately resulting from the conduct of subsurface investigations.

____ Right to Enter denied.

X Right to Enter granted.

Signature

Phone: 704-338-2968

7-22-19

Date

abdulosmalik@yahoo

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

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RIGHT TO ENTER AGREEMENT
FOR
CONDUCTING SUBSURFACE INVESTIGATIONS

STATE OF SOUTH CAROLINA
COUNTY OF CHESTERFIELD

We, the undersigned, being all of the fee simple owners of certain tract or parcel designated as **030000000007** of the County of Chesterfield, recognizing the benefits to said properties by reason of conducting monitoring well installations hereby grant to Mr. Mike Wallace/Carolina Country, LLC (Carolina Country) and their agents the right to enter said property in accordance with the requirements of the State of South Carolina. Carolina Country's agents may include Geological Resources, Inc.

The undersigned hereby covenant and warrant that they are the sole owners of said property; that they solely have the right to grant this right to enter for conducting the monitoring well installations against the lawful claims of all persons whomsoever.

It is agreed that Carolina Country shall be responsible for restoring any damage done to the ground of said property by its employees or its agents during the monitoring well installations and monitoring period, and that Carolina Country shall abandon the monitoring wells on said property in accordance with SCDHEC requirements after the incident has been closed.

It is agreed that Carolina Country shall hold harmless the owner of the aforementioned property for any personal injury that might be sustained during the course of conducting or proximately resulting from the conduct of subsurface investigations.

____ Right to Enter denied.

_X_ Right to Enter granted.

Alvin Monroe
Signature

Phone: 843.672-2021

8/20/19
Date

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

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

D H E C — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name Michael Wallace(Carolina Country Conv.) (last) (first)
Address 1908 Highway 601 North
City Pageland State SC Zip. 29728
Telephone Work Home

2. LOCATION OF WELL: MW-32 **COUNTY:** Chesterfield
Name: CarolinaCountryConvenience
Street Address 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude 34.794243 N Longitude - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Gravel	0.5'	0.5'
Tan/Brown Sandy Clay	9.5'	10'
Grey/Brown Sandy Clay	25'	35'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 11'-13'
Flush Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: VST Permit #03261; well permit # UMW-27560

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 35 ft Date Started 8/26/2019 Date Completed 8/30/2019

10. CASING: ☑ Threaded ☐ Welded
Diam 2"
Type ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in to 15 ft depth
_____ in to _____ ft depth
Height Above /Below ✔ Surface 0.25 ft
Weight _____ lb /ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type PVC Diam 2"
Slot/Gauge 0.010 Length 20'
Set Between 15 ft and 35 ft. NOTE: MULTIPLE SCREENS
_____ ft and _____ ft USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface
_____ ft after _____ hrs Pumping _____ G P M
Pumping Test ☐ Yes (please enclose) ☐ No
Yield _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 13 ft to 35 ft.
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth From 0.5 ft to 11 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☐
Mfr. Name: _____ Model No _____
H P._____ Volts_____ Length of drop pipe ___ ft Capacity ____ gpm
TYPE ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address (Print) Level A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No (910)639-0350 Fax No

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief

Signed Bryan L Vest Well Driller Date 9/9/2019

If D Level Driller, provide supervising driller's name

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name Michael Wallace(Carolina Country Conv.) (last) (first)
Address 1908 Highway 601 North
City Pageland State SC Zip: 29728
Telephone: Work Home

2. LOCATION OF WELL: MW-33 **COUNTY:** Chesterfield
Name: Carolina County Convenience
Street Address 1908 Highway 601 North
City: Pageland Zip 29728
Latitude 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth. from _____ ft to _____ ft

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	10'	40'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 16'-18'
Stand up Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: well Permit #
VT Permit #02261 ; MW-27560

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 40 ft
Date Started 8/26/2019
Date Completed 8/30/2019

10. CASING: ☑ Threaded ☐ Welded
Diam 2"
Type ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 20 ft depth
_____ in to _____ ft depth
Height Above ✓/Below Surface 3 ft
Weight _____ lb /ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type PVC Diam 2"
Slot/Gauge 0.010 Length 20'
Set Between 20 ft and 40 ft
_____ ft and _____ ft
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft after _____ hrs. Pumping _____ G P M
Pumping Test ☐ Yes (please enclose) ☐ No
Yield _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 18 ft to 40 ft
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth From 0 ft to 16 ft

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type _____ Amount: _____

18. PUMP: Date installed _____ Not installed ☐
Mfr. Name _____ Model No _____
H P _____ Volts _____ Length of drop pipe ___ ft Capacity ___ gpm
TYPE ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address. (Print) Level A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No. (910)639-0350 Fax No

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief

Signed Bryan L Vest Date 9/9/2019
well Driller

If D Level Driller, provide supervising driller's name·

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name Michael Wallace(Carolina Country Conv.) (last) (first)
Address 1908 Highway 601 North
City Pageland State SC Zip 29728
Telephone: Work Home

2. LOCATION OF WELL: MW-34 **COUNTY:** Chesterfield
Name Carolina Country Convenience
Street Address 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	20'	50'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 26'-28'
Standup Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER:
VST Permit # 02261 ; well Permit # UMW-27560

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 50 ft
Date Started 8/26/2019
Date Completed 8/30/2019 ✓

10. CASING: ☑ Threaded ☐ Welded
Diam. 2"
Type ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in to 30 ft depth
_____ in to _____ ft. depth
Height Above✓/Below Surface 3 ft
Weight _____ lb /ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type PVC Diam 2"
Slot/Gauge 0.010 Length 20'
Set Between 30 ft and 50 ft
_____ ft and _____ ft
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface
_____ ft after _____ hrs Pumping _____ G P M
Pumping Test. ☐ Yes (please enclose) ☐ No
Yield _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28 ft to 50 ft
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth From 0 ft. to 26 ft

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☐
Mfr Name _____ Model No _____
H.P _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address: (Print) Level: A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No. (910)639-0350 Fax No

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief

Signed Bryan L Vest Well Driller Date 9/9/2019

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name Michael Wallace(Carolina Country Conv.) (last) (first)
Address 1908 Highway 601 North
City Pageland State SC Zip 29728
Telephone Work Home

2. LOCATION OF WELL: MW-35 **COUNTY:** Chesterfield
Name Carolina Country Convenience
Street Address 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude 34.794243 N Longitude - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth. from _____ ft to _____ ft

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Brown Clay w/ Minor Sand	5	5'
Yellow to Brown Clay w/ Minor Sand	25	30'
Brown Sand w/ Minor Clay	5	35
Yellow to Brown Argillite Mudstone	16	51
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 26'-28'
Flush Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; Well Permit # UMW-27560

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 51 ft
Date Started 8/26/2019
Date Completed 8/30/2019

10. CASING: ☑ Threaded ☐ Welded
Diam 2"
Type ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in to 31 ft depth
_____ in to _____ ft depth
Height Above /Below ✓ Surface 0.25 ft
Weight _____ lb /ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam 2"
Slot/Gauge 0.010 Length 20'
Set Between 31 ft. and 51 ft
_____ ft and _____ ft
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft after _____ hrs Pumping _____ G P M
Pumping Test ☐ Yes (please enclose) ☐ No
Yield _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 28 ft. to 51 ft
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth From 0.5 ft to 26 ft

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☐
Mfr Name _____ Model No. _____
H P _____ Volts _____ Length of drop pipe ___ ft Capacity ___ gpm
TYPE ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address (Print) Level A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No (910)639-0350 Fax No

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief

Signed: Bryan L Vest (Well Driller) Date 9/9/2019

If D Level Driller, provide supervising driller's name.

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name Michael Wallace(Carolina Country Conv.) (last) (first)
Address 1908 Highway 601 North
City Pageland State SC Zip 29728
Telephone: Work Home

2. LOCATION OF WELL: TW-7 **COUNTY:** Chesterfield
Name Carolina Country Convenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: NA **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Gravel	0.5'	0.5'
Tan/Brown Sandy Clay	9.5'	10'
Grey/Brown Sandy Clay	10'	40'
Tan/Grey Weathered Rock	40'	56'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 47'-49'
Flush Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; Well Permit # UMW-27560

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 56 ft Date Started 8/26/2019 Date Completed 8/30/2019

10. CASING: ☐ Threaded ☑ Welded
Diam 5"
Type ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in to 40 ft. depth
2 in to 51 ft depth
Height Above /Below ✓ Surface 0.25 ft
Weight _____ lb /ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type PVC Diam 2"
Slot/Gauge 0.010 Length. 5'
Set Between 51 ft and 56 ft
_____ ft and _____ ft
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G P M
Pumping Test ☐ Yes (please enclose) ☐ No
Yield _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 49 ft. to 56 ft
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth From 0.5 ft to 47 ft

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☐
Mfr Name _____ Model No _____
H P._____ Volts_____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address (Print) Level A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No (910)639-0350 Fax No

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief

Signed Bryan L Vest Well Driller Date 9/9/2019

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name Michael Wallace(Carolina Country Conv.) (last) (first)
Address 1908 Highway 601 North
City Pageland State. SC Zip 29728
Telephone Work Home

2. LOCATION OF WELL: TW-8 **COUNTY:** Chesterfield
Name. Carolina Country Convenience
Street Address 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth. from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	38'	68'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 59'-61'
Stand up Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; well Permit # MW-27560

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 68 ft. Date Started 8/26/2019 Date Completed 8/30/2019

10. CASING: ☑ Threaded ☑ Welded
Diam 5"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in to 50 ft depth
2 in to 63 ft. depth
Height Above ✓/Below Surface 3 ft
Weight _____ lb /ft.
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type: PVC Diam 2"
Slot/Gauge 0.010 Length 5'
Set Between 63 ft and 68 ft
_____ ft and _____ ft
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface
_____ ft after _____ hrs. Pumping _____ G P M
Pumping Test ☐ Yes (please enclose) ☐ No
Yield _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 61 ft to 68 ft
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth From 0 ft to 59 ft

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☐
Mfr Name _____ Model No _____
H.P._____ Volts_____ Length of drop pipe ___ ft Capacity ___ gpm
TYPE ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address (Print) Level A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No (910)639-0350 Fax No

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief

Signed Bryan L Vest Well Driller Date 9/9/2019

If D Level Driller, provide supervising driller's name

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name Michael Wallace(Carolina Country Conv.) (last) (first)
Address 1908 Highway 601 North
City Pageland State SC Zip 29728
Telephone Work Home.

2. LOCATION OF WELL: TW-9 **COUNTY:** Chesterfield
Name Carolina Country Convenience
Street Address 1908 Highway 601 North
City Pageland Zip 29728
Latitude 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth. from _____ ft to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Red Sandy Clay	20'	20'
Red/Brown Sandy Clay	5'	25'
Brown Sandy Clay	5'	30'
Tan/Brown Mud Stone	38'	68'
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 59'-61'
Stand up Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: VST Permit #0226i ; Well Permit #UMW-27560

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 68 ft. Date Started 8/26/2019 Date Completed 8/30/2019

10. CASING: ☑ Threaded ☑ Welded
Diam. 5"
Type ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in. to 50 ft depth
2 in to 63 ft depth
Height Above ✓/Below Surface 3 ft
Weight _____ lb /ft
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type PVC Diam 2"
Slot/Gauge 0.010 Length 5'
Set Between 63 ft and 68 ft
_____ ft. and _____ ft
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface
_____ ft after _____ hrs Pumping _____ G P M
Pumping Test ☐ Yes (please enclose) ☐ No
Yield _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 61 ft to 68 ft
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth From 0 ft to 59 ft

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☐
Mfr Name _____ Model No _____
H P _____ Volts _____ Length of drop pipe ___ ft Capacity ____ gpm
TYPE ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address (Print) Level A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No (910)639-0350 Fax No.

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief

Signed Bryan L Vest Well Driller Date 9/9/2019

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Michael Wallace (Carolina Country Conv.) (last) (first)
Address: 1908 Highway 601 North
City: Pageland State: SC Zip: 29728
Telephone Work Home

2. LOCATION OF WELL: TW-10 **COUNTY:** Chesterfield
Name: CarolinaCountryConvenience
Street Address: 1908 Highway 601 North
City: Pageland Zip: 29728
Latitude: 34.794243 N Longitude: - 80.403444 W

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
Brown clay w/ minor sand	5	5
Yellow to Brown clay w/ Minor sand	25	30
Brown sand w/minor clay	5	35
Yellow to Brown argillite/ mudstone	33	68
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
Bentonite 59'-61'
Flush Cover

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☑ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST Permit #02261; Well Permit # UMW-27560

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 68 ft
Date Started 8/26/2019
Date Completed 8/30/2019

10. CASING: ☑ Threaded ☑ Welded
Diam 5"
Type ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
5 in to 50 ft depth
2 in to 63 ft. depth
Height Above /Below ✔ Surface 0.25 ft
Weight _____ lb /ft
Drive Shoe? ☐ Yes ☑ No

11. SCREEN:
Type PVC Diam 2"
Slot/Gauge 0.010 Length 5'
Set Between 63 ft and 68 ft
_____ ft and _____ ft
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft after _____ hrs Pumping _____ G P M
Pumping Test ☐ Yes (please enclose) ☐ No
Yield _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 61 ft to 68 ft
Effective size #3 Gravel Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth From 0.5 ft to 59 ft

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: ____ ft ____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type _____ Amount _____

18. PUMP: Date installed _____ Not installed ☐
Mfr Name _____ Model No _____
H.P _____ Volts _____ Length of drop pipe ___ ft Capacity ___ gpm
TYPE ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Bryan L Vest **CERT. NO.:** 2188B
Address (Print) Level A (B) C D (circle one)
111 Vest Lane, West End, NC 27376
Telephone No (910)639-0350 Fax No

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief

Signed Bryan L Vest Well Driller Date 9/9/2019

If D Level Driller, provide supervising driller's name

DHEC 1903 (07/2003) **COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)**

APPENDIX C

Well Development Data Verification Forms

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience Site ID#: 02261

Date: 08/26/19 Field Personnel:

Drilling Company: R.E.D. I Driller's Name: Bryan Vest

Driller's Certification Number: 2188B Weather Conditions: Clear

Well Development Method

Surge Block ○ Submersible Pump ✓ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	19A101835	serial no.	19A101835	serial no. 19A101835	serial no.	2100Q01
pH=4.0	4.0	standard	1413		NTU=0.0	0.0
pH=7.0	7.0				NTU=1.0	N/A
pH=10.0	10.0				NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ○ Direct Push ○

Air Rotary ✓ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW-3D Well Casing Diameter 2" inches Borehole Diameter 5 1/2 inches

Depth to Ground Water (DGW) 20.07 ft. Screen Length/Slot Size 20 ft./ 0.01 in.

Total Well Depth (TWD) 35 ft. Screen Interval 15 ft. to 35 ft.

Length of water column (LWC=TWD-DGW) 14.93 ft. Type of Drilling Fluids used: N/A

Total Gallons of Water Removed: 5.0 gals. Drilling Fluids recovered N/A gals.

Time (military)	0942	0947	0952				
pH (s.u.)*	7.29	6.76	6.58				
Specific Conductivity (mmhos/cm)*	108	82	73				
Water Temperature (C)*	23.84	22.66	21.80				
Turbidity (NTU) *	321	284	376				
Physical Characteristics (color/odor)	Clear/ND	Murky/ND	Murky/ND				
Water Level Measurement (ft) from TOC	20.07	31.81	33.82				
Total Well Depth (ft) from TOC	35.62	35.62	35.62				
Cumulative Gallons Removed	0.25 gals	2.25 gals	5.0 gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: Well went dry at 5.0 gallons

Driller Signature: [signature] Date: 08/30/19

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience Site ID#: 02261

Date: 08/27/19 Field Personnel:

Drilling Company: REDI Driller's Name: Bryan West

Driller's Certification Number: 2138B Weather Conditions: Cloudy w/ Slight

Well Development Method

Surge Block ○ Submersible Pump ✓ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	19A10535	serial no.	19A10535	serial no. 19A10835	serial no.	2100201
pH=4.0	4.0	standard	1413		NTU=0.0	0.0
pH=7.0	7.0				NTU=1.0	NA
pH=10.0	10.0				NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ○ Direct Push ○

Air Rotary ✓ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW-53 Well Casing Diameter 2" inches Borehole Diameter 5½ inches

Depth to Ground Water (DGW) 41.22 ft. Screen Length/Slot Size 20 ft./ 0.01 in.

Total Well Depth (TWD) 44.20 ft. Screen Interval 20 ft. to 40 ft.

Length of water column (LWC=TWD-DGW) 2.98 ft. Type of Drilling Fluids used: N/A

Total Gallons of Water Removed: gals. Drilling Fluids recovered NA gals.

Time (military)	1216						
pH (s.u.)*	6.37						
Specific Conductivity (mmhos/cm)*	84						
Water Temperature (C)*	20.60						
Turbidity (NTU) *	10001						
Physical Characteristics (color/odor)	Brown w/ cuttings						
Water Level Measurement (ft) from TOC	41.22						
Total Well Depth (ft) from TOC	45.46						
Cumulative Gallons Removed	0.75 gals	gals	gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: Dry well at 0.75 gallons

WELL HAS ~4.0' STICK UP RISER

Driller Signature: [signature] Date: 08/27/19

DHEC 2099 (04/2015)

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience Site ID#: 02261

Date: 08/29/19 Field Personnel: Alex L.; Matt C.; Bryan V.

Drilling Company: R.E.D. I. Driller's Name: Bryan West

Driller's Certification Number: 21883 Weather Conditions: Sunny w/ clouds

Well Development Method

Surge Block ○ Submersible Pump ✓ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter		Turbidity meter	
serial no.	19A101835	serial no.	19A1016135	serial no.	19A101835	serial no.	19A101835
pH=4.0	4.0	standard	1413			NTU=0.0	0.0
pH=7.0	7.0					NTU=1.0	N/A
pH=10.0	10.0					NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ○ Direct Push ○

Air Rotary ✓ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW-34 Well Casing Diameter 2 inches Borehole Diameter 4.5 inches

Depth to Ground Water (DGW) 42.09 ft. Screen Length/Slot Size 20 ft./ 0.10 in.

Total Well Depth (TWD) ~~43.85~~ 54.26 ft. Screen Interval 34 ft. to 54 ft.

Length of water column (LWC=TWD-DGW) 12.17 ft. Type of Drilling Fluids used: N/A

Total Gallons of Water Removed: 4.0 gals. Drilling Fluids recovered N/A gals.

Time (military)	1024	1029	1034				
pH (s.u.)*	6.43	6.28	6.30				
Specific Conductivity (mmhos/cm)*	317	270	263				
Water Temperature (C)*	21.21	19.44	20.14				
Turbidity (NTU) *	21.3	1000+	1000+				
Physical Characteristics (color/odor)	Clear/NO	Brown muddy/NO	Brown Muddy/NO				
Water Level Measurement (ft) from TOC	42.09	48.84	53.18				
Total Well Depth (ft) from TOC	54.26	54.26	54.26				
Cumulative Gallons Removed	0.25 gals	2.0 gals	4.0 gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: well went dry at 4.0 gallons

well has ~ 4' stickup riser

Driller Signature: [signature] Date: 08/29/2019

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience Site ID#: 02261

Date: 08/29/2019 Field Personnel: Alex L.; Matt C; Bryan L.

Drilling Company: R.E.D.I. Driller's Name: Bryan West

Driller's Certification Number: 218813 Weather Conditions: Sunny w/clouds

Well Development Method

Surge Block ○ Submersible Pump ⊘ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	19A101835	serial no.	19A107835	serial no. 19A101835	serial no.	19A101535
pH=4.0	4.0	standard	1413		NTU=0.0	0.0
pH=7.0	7.0				NTU=1.0	N/A
pH=10.0	10.0				NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ○ Direct Push ○

Air Rotary ⊘ Mud Rotary ○ Sonic ○

Monitoring Well ID# MW-35 Well Casing Diameter 2 inches Borehole Diameter 4½ inches

Depth to Ground Water (DGW) 47.75 ft. Screen Length/Slot Size 20 ft./ 0.10 in.

Total Well Depth (TWD) ~~50.42~~ 51.17 ft. Screen Interval ~~30~~ 30 ft. to ~~50~~ 50 ft.

Length of water column (LWC=TWD-DGW) 3.42 ft. Type of Drilling Fluids used: N/A

Total Gallons of Water Removed: gals. Drilling Fluids recovered N/A gals.

Time (military)	1630						
pH (s.u.)*	6.29						
Specific Conductivity (mmhos/cm)*	78						
Water Temperature (C)*	23.31						
Turbidity (NTU) *	280						
Physical Characteristics (color/odor)	clear Turbid						
Water Level Measurement (ft) from TOC	47.75						
Total Well Depth (ft) from TOC	51.17						
Cumulative Gallons Removed	0.25 gals	gals	gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: Well went dry at 0.5 gallons

Driller Signature: [signature] Date: 08/29/19

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience Site ID#: 02261

Date: 08/26/19 Field Personnel:

Drilling Company: R.E.D. I Driller's Name: Bryan Vest

Driller's Certification Number: 2188B Weather Conditions: Clear

Well Development Method

Surge Block ○ Submersible Pump ✓ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	19A101835	serial no.	19A101835	serial no. 19A101835	serial no.	210020
pH=4.0	4.0	standard	1413		NTU=0.0	0.0
pH=7.0	7.0				NTU=1.0	N/A
pH=10.0	10.0				NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ○ Direct Push ○

Air Rotary ✓ Mud Rotary ○ Sonic ○

Monitoring Well ID# TW-7 Well Casing Diameter 5 inches Borehole Diameter 8 inches

Depth to Ground Water (DGW) 49.43 ft. Screen Length/Slot Size 5 ft./ 0.01 in.

Total Well Depth (TWD) 56.. ft. Screen Interval 51 ft. to 56 ft.

Length of water column (LWC=TWD-DGW) 7.3 ft. Type of Drilling Fluids used: N/A

Total Gallons of Water Removed: 3.25 gals. Drilling Fluids recovered N/A gals.

Time (military)	1256	1300	1307				
pH (s.u.)*	8.36	9.56	10.01				
Specific Conductivity (mmhos/cm)*	~~2491~~	241	372				
Water Temperature (C)*	24.02	25.00	25.02				
Turbidity (NTU) *	558	245	10004				
Physical Characteristics (color/odor)	Murky/color	Murky/no odor	Murky/no odor				
Water Level Measurement (ft) from TOC	49.43	45.87	39.92				
Total Well Depth (ft) from TOC	56.73	56.73	56.73				
Cumulative Gallons Removed	0.25 gals	1.25 gals	2.50 gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: Well won't dry at 3.25 gallons

Driller Signature: Bryan Vest Date: 08/30/19

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience Site ID#: 02261

Date: 08/26/19 Field Personnel:

Drilling Company: R.E.D. I Driller's Name: Bryan Vest

Driller's Certification Number: 21885 Weather Conditions: Cloudy w/sun

Well Development Method

Surge Block ○ Submersible Pump ✓ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter		Turbidity meter	
serial no.	19A101835	serial no.	19A101835	serial no.	19A101835	serial no.	210Q07
pH=4.0	4.0	standard	1413			NTU=0.0	0.0
pH=7.0	7.0					NTU=1.0	N/A
pH=10.0	10.0					NTU=10.0	100

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ○ Direct Push ○

Air Rotary ✓ Mud Rotary ○ Sonic ○

Monitoring Well ID# TW-8 Well Casing Diameter 5 inches Borehole Diameter 8" inches

Depth to Ground Water (DGW) 38.78 ft. Screen Length/Slot Size 5 ft./ 0.01 in.

Total Well Depth (TWD) 72.65 ft. Screen Interval 63 ft. to 68 ft.

Length of water column (LWC=TWD-DGW) 33.87 ft. Type of Drilling Fluids used: N/A

Total Gallons of Water Removed: 4.0 gals. Drilling Fluids recovered N/A gals.

Time (military)	1623						
pH (s.u.)*	6.63						
Specific Conductivity (mmhos/cm)*	201						
Water Temperature (C)*	22.11						
Turbidity (NTU) *	1000+						
Physical Characteristics (color/odor)	odor murky						
Water Level Measurement (ft) from TOC	38.78						
Total Well Depth (ft) from TOC	72.65						
Cumulative Gallons Removed	0.25 gals	gals	gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: well went dry at 4 gallons
Well catching odor
WELL HAS A 4' STICK UP RISER

Driller Signature: Bryan Vest Date: 08/27/2019 ~~08/26/2019~~

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience | Site ID#: 62261

Date: 08/29/19 | Field Personnel: Alex L; Matt C; Bryan V.

Drilling Company: R.E.D.I. | Driller's Name: Bryan West

Driller's Certification Number: 21663 | Weather Conditions: Sunny w/ clouds

Well Development Method

Surge Block ○ | Submersible Pump ☑ | Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	19A101835	serial no.	19A101835	serial no. 19A101835	serial no.	19A101835
pH=4.0	4.0	standard	1413		NTU=0.0	0.0
pH=7.0	7.0				NTU=1.0	NA
pH=10.0	10.0				NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ○ | Solid Flight Augers ○ | Direct Push ○

Air Rotary ☑ | Mud Rotary ○ | Sonic ○

Monitoring Well ID# TW-9 | Well Casing Diameter 5 inches | Borehole Diameter 8" inches

Depth to Ground Water (DGW) 40.57 ft. | Screen Length/Slot Size 5 ft./ 0.01 in.

Total Well Depth (TWD) 72.15 ft. | Screen Interval 63 ft. to 68 ft.

Length of water column (LWC=TWD-DGW) 31.61 ft. | Type of Drilling Fluids used: NA

Total Gallons of Water Removed: 7.0 gals. | Drilling Fluids recovered NA gals.

Time (military)	1650	1707					
pH (s.u.)*	7.10	6.79					
Specific Conductivity (mmhos/cm)*	176	192					
Water Temperature (C)*	29.00	30.39					
Turbidity (NTU) *	212	1000+					
Physical Characteristics (color/odor)	Murky/NA	Yellow Murky/NA					
Water Level Measurement (ft) from TOC	40.57	67.08					
Total Well Depth (ft) from TOC	72.18	72.18					
Cumulative Gallons Removed	0.25 gals	4.5 gals	gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: Well went dry at 7.0 gallons

Well has ~4' stick up riser

Driller Signature: [signature] | Date: 08/29/19

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: Carolina Country Convenience Site ID#: 02261

Date: 08/29/14 Field Personnel: Alex L.; Matt C.; Bryan V.S.

Drilling Company: R.E.D.I. Driller's Name: Bryan West

Driller's Certification Number: 21693 Weather Conditions: Sunny w/clouds

Well Development Method

Surge Block ○ Submersible Pump ⊘ Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter	Turbidity meter	
serial no.	14/10/1835	serial no.	14/10/1835	serial no. 14/10/1835	serial no.	14/10/1835
pH=4.0	4.0	standard	1413		NTU=0.0	0.0
pH=7.0	7.0				NTU=1.0	NA
pH=10.0	10.0				NTU=10.0	10.0

Drilling Method

Hollow Stem Augers ○ Solid Flight Augers ○ Direct Push ○

Air Rotary ✓ Mud Rotary ○ Sonic ○

Monitoring Well ID# TW-10 Well Casing Diameter 5 inches Borehole Diameter 8 inches

Depth to Ground Water (DGW) 43.84 ft. Screen Length/Slot Size 5 ft./ 0.10 in.

Total Well Depth (TWD) 68.73 ft. Screen Interval 63 ft. to 68 ft.

Length of water column (LWC=TWD-DGW) 24.89 ft. Type of Drilling Fluids used: N/A

Total Gallons of Water Removed: 12.0 gals. Drilling Fluids recovered N/A gals.

Time (military)	~~1050~~	1645	~~1658~~ 1643	1715	1741		
pH (s.u.)*	~~7.11~~	6.54	~~6.43~~ 6.41	6.46	6.18		
Specific Conductivity (mmhos/cm)*	~~.156~~	218	~~223~~	78	60		
Water Temperature (C)*	~~24.08~~	26.26	22.84	22.88	20.08		
Turbidity (NTU) *	223 ~~229~~		629	1000+	1000+		
Physical Characteristics (color/odor)		Clear/NO	Yellow muddy/NO	Yellow Murky/NO	yellow murky/NO		
Water Level Measurement (ft) from TOC		43.94	65.12	65.15	66.70		
Total Well Depth (ft) from TOC	~~68.73~~	68.73	68.73	68.73	68.73		
Cumulative Gallons Removed	gals	~~0.25~~ gals	4.0 gals	8.0 gals	12.0 gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process:

Driller Signature: [signature] Date: 08/29/14

APPENDIX D

Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No

Manifest Document No. W19045-2

2. Page 1 of

3. Generator's Name and Mailing Address: Carolina Country Convenience
1906 Hwy 601 N.
Pageland SC

4. Generator's Phone ( )

5. Transporter 1 Company Name: HERR, INC.

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone: 910-640-2607

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address:
HERR, INC
303 S. MAULTSBY ST
WHITEVILLE, NC 28472

10. US EPA ID Number: NCR-000139816

E. State Facility's ID

F. Facility's Phone: 910-640-2607

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-REG. PETROLEUM CONTACT WATER IDW Liquids	2 1	DM	173.54	GAL
b. IDW SOLIDS - NON REGULATED	1	DM	2.5	T
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above

(Job # W19045)

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name | Signature | Date: Month Day Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Kevin Gann | Signature | Date: Month 9 Day 16 Year 19

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest except as noted in item 19

Printed/Typed Name: Chris Gossett | Signature | Date: Month 9 Day 16 Year 19

NON-HAZARDOUS WASTE

APPENDIX E

Laboratory Analytical Reports

SGS

Orlando, FL

Reissue #1
11/06/19

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

GRI (Geological Resources Inc.)

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC

02261/3289

SGS Job Number: FA67624

Sampling Dates: 08/26/19 - 08/28/19

Report to:

GRI (Geological Resources Inc.)

wsb@geologicalresourcesinc.com

ATTN: Scott Ball

Total number of pages in report: **125**

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

Caitlin Brice, M.S.
General Manager

Client Service contact: Muna Mohammed 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), IL(200063), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AK, AR, IA, KY, MA, MS, ND, NH, NV, OK, OR, UT, WA, WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.

Test results relate only to samples analyzed.

SGS

November 6, 2019

Mr. Scott Ball
GRI
3502 Hayes Rd
Monroe, NC 28110

RE: SGS North America Inc. - Orlando job FA67624 Reissue

Dear Mr. Ball,

The final report for job number FA67624 has been edited to reflect requested corrections. These edits have been incorporated into the revised report.

The sample ID has been revised

SGS North America Inc. - Orlando apologies for any inconvenience this may have caused. Please feel free to contact us if we can be of further assistance.

Sincerely,

SGS North America, Inc. - Orlando

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Sample Summary

GRI (Geological Resources Inc.)

Job No: FA67624

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
FA67624-1	08/26/19	12:17	MC	08/29/19	AQ	Ground Water	02261 MW-15
FA67624-2	08/26/19	11:10	MC	08/29/19	AQ	Ground Water	02261 MW-16
FA67624-3	08/26/19	11:18	MC	08/29/19	AQ	Ground Water	02261 MW-18
FA67624-4	08/26/19	13:05	MC	08/29/19	AQ	Ground Water	02261 MW-20
FA67624-5	08/26/19	12:38	MC	08/29/19	AQ	Ground Water	02261 MW-21
FA67624-6	08/26/19	13:24	MC	08/29/19	AQ	Ground Water	02261 MW-22
FA67624-7	08/26/19	15:02	MC	08/29/19	AQ	Ground Water	02261 MW-23
FA67624-8	08/26/19	15:07	MC	08/29/19	AQ	Ground Water	02261 MW-25
FA67624-9	08/26/19	15:37	MC	08/29/19	AQ	Ground Water	02261 MW-26
FA67624-10	08/26/19	15:30	MC	08/29/19	AQ	Ground Water	02261 MW-27
FA67624-11	08/26/19	15:53	MC	08/29/19	AQ	Ground Water	02261 MW-28
FA67624-12	08/26/19	16:31	MC	08/29/19	AQ	Ground Water	02261 MW-29

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA67624

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA67624-13	08/26/19	16:11	MC	08/29/19	AQ	Ground Water	02261 MW-30
FA67624-14	08/26/19	16:36	MC	08/29/19	AQ	Ground Water	02261 MW-31
FA67624-15	08/27/19	15:50	MC	08/29/19	AQ	Ground Water	02261 MW-28I
FA67624-16	08/27/19	14:29	MC	08/29/19	AQ	Ground Water	02261 MW-29I
FA67624-17	08/27/19	11:22	MC	08/29/19	AQ	Ground Water	02261 MW-30I
FA67624-18	08/27/19	13:11	MC	08/29/19	AQ	Ground Water	02261 MW-31I
FA67624-19	08/28/19	10:25	MC	08/29/19	AQ	Ground Water	02261 TW-1
FA67624-20	08/28/19	09:43	MC	08/29/19	AQ	Ground Water	02261 TW-2
FA67624-21	08/28/19	10:33	MC	08/29/19	AQ	Ground Water	02261 TW-3
FA67624-22	08/27/19	14:11	MC	08/29/19	AQ	Ground Water	02261 TW-4
FA67624-23	08/27/19	12:58	MC	08/29/19	AQ	Ground Water	02261 TW-5
FA67624-24	08/27/19	10:48	MC	08/29/19	AQ	Ground Water	02261 TW-6
FA67624-25	08/26/19	07:46	MC	08/29/19	AQ	Field Blank Water	02261 FIELD BLANK 1

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA67624

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02261/3289

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
FA67624-26	08/27/19	07:30 MC	08/29/19	AQ	Trip Blank Water	02261 TRIP BLANK
FA67624-27	08/27/19	08:32 MC	08/29/19	DW	Drinking Water	02261 PW-3
FA67624-28	08/27/19	12:03 MC	08/29/19	DW	Drinking Water	02261 DUP-D
FA67624-29	08/27/19	08:12 MC	08/29/19	AQ	Field Blank Water	02261 WSW FIELD BLANK
FA67624-30	08/27/19	18:00 MC	08/29/19	AQ	Trip Blank Water	02261 WSW TRIP BLANK
FA67624-31	08/27/19	07:59 MC	08/29/19	AQ	Field Blank Water	02261 FIELD BLANK 2
FA67624-32	08/28/19	10:47 MC	08/29/19	AQ	Field Blank Water	02261 FIELD BLANK 3

Summary of Hits

Job Number: FA67624
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 08/26/19 thru 08/28/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA67624-1	**02261 MW-15**					
Benzene		18400	250	78	ug/l	SW846 8260B
Toluene		17700	250	75	ug/l	SW846 8260B
Ethylbenzene		1350	250	89	ug/l	SW846 8260B
Xylene (total)		8570	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1810	250	57	ug/l	SW846 8260B
1,2-Dichloroethane		653	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		28800	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		58900	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		115	4.7	2.3	ug/l	SW846 8011
FA67624-2	**02261 MW-16**					
No hits reported in this sample.						
FA67624-3	**02261 MW-18**					
No hits reported in this sample.						
FA67624-4	**02261 MW-20**					
Benzene		6670	200	62	ug/l	SW846 8260B
Toluene		17500	200	60	ug/l	SW846 8260B
Ethylbenzene		1620	200	71	ug/l	SW846 8260B
Xylene (total)		12200	600	140	ug/l	SW846 8260B
Naphthalene		510 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		83.7 J	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		9420	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane [a]		30.9	1.9	0.94	ug/l	SW846 8011
FA67624-5	**02261 MW-21**					
Benzene		15700	250	78	ug/l	SW846 8260B
Toluene		3300	250	75	ug/l	SW846 8260B
Ethylbenzene		1860	250	89	ug/l	SW846 8260B
Xylene (total)		9830	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		483	250	57	ug/l	SW846 8260B
1,2-Dichloroethane		411	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		37500	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		6800	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		7.9	0.40	0.20	ug/l	SW846 8011

Summary of Hits

Job Number: FA67624
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 08/26/19 thru 08/28/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA67624-6	**02261 MW-22**					
Benzene		5700	100	31	ug/l	SW846 8260B
Toluene		527	100	30	ug/l	SW846 8260B
Ethylbenzene		2300	100	36	ug/l	SW846 8260B
Xylene (total)		5880	300	72	ug/l	SW846 8260B
Naphthalene		638	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		48.9 J	100	31	ug/l	SW846 8260B
Tert-Amyl Alcohol		9060	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		5.0	0.19	0.093	ug/l	SW846 8011
FA67624-7	**02261 MW-23**					
Benzene		22.1	1.0	0.31	ug/l	SW846 8260B
Toluene		2.0	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		4.5	1.0	0.36	ug/l	SW846 8260B
Xylene (total)		21.6	3.0	0.72	ug/l	SW846 8260B
Naphthalene		1.2 J	5.0	1.0	ug/l	SW846 8260B
Tert-Amyl Alcohol		15.4 J	20	5.3	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.041	0.019	0.0093	ug/l	SW846 8011
FA67624-8	**02261 MW-25**					
No hits reported in this sample.						
FA67624-9	**02261 MW-26**					
No hits reported in this sample.						
FA67624-10	**02261 MW-27**					
No hits reported in this sample.						
FA67624-11	**02261 MW-28**					
Benzene		30000	500	160	ug/l	SW846 8260B
Toluene		14000	500	150	ug/l	SW846 8260B
Ethylbenzene		1800	500	180	ug/l	SW846 8260B
Xylene (total)		9880	1500	360	ug/l	SW846 8260B
Methyl Tert Butyl Ether		5880	500	110	ug/l	SW846 8260B
1,2-Dichloroethane		1770	500	160	ug/l	SW846 8260B
Tert-Amyl Alcohol		33300	10000	2600	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		159 J	1000	120	ug/l	SW846 8260B
Tert-Butyl Alcohol		8210 J	10000	2700	ug/l	SW846 8260B
1,2-Dibromoethane [a]		261	19	9.4	ug/l	SW846 8011

Summary of Hits

Job Number: FA67624
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 08/26/19 thru 08/28/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA67624-12	**02261 MW-29**					
Benzene		3980	100	31	ug/l	SW846 8260B
Toluene		9780	100	30	ug/l	SW846 8260B
Ethylbenzene		2570	100	36	ug/l	SW846 8260B
Xylene (total)		14500	300	72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		43.3 J	100	23	ug/l	SW846 8260B
Naphthalene		606	500	100	ug/l	SW846 8260B
Tert-Amyl Alcohol		1430 J	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		7.4	0.37	0.19	ug/l	SW846 8011
FA67624-13	**02261 MW-30**					
Benzene		179	20	6.2	ug/l	SW846 8260B
Toluene		202	20	6.0	ug/l	SW846 8260B
Ethylbenzene		1200	20	7.1	ug/l	SW846 8260B
Xylene (total)		3150	60	14	ug/l	SW846 8260B
Naphthalene		396	100	20	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.51	0.019	0.0093	ug/l	SW846 8011
FA67624-14	**02261 MW-31**					
Benzene		6440	100	31	ug/l	SW846 8260B
Toluene		7700	100	30	ug/l	SW846 8260B
Ethylbenzene		765	100	36	ug/l	SW846 8260B
Xylene (total)		6070	300	72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		157	100	23	ug/l	SW846 8260B
Naphthalene		269 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		233 J	500	160	ug/l	SW846 8260B
Tert-Amyl Alcohol		11800	2000	530	ug/l	SW846 8260B
Tert-Butyl Alcohol		1530 J	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		59.4	1.9	0.93	ug/l	SW846 8011
FA67624-15	**02261 MW-28I**					
Benzene		9940	200	62	ug/l	SW846 8260B
Toluene		534	200	60	ug/l	SW846 8260B
Ethylbenzene		815	200	71	ug/l	SW846 8260B
Xylene (total)		3140	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1440	200	46	ug/l	SW846 8260B
Naphthalene		462 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		375	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		10900	4000	1100	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		59.7 J	400	49	ug/l	SW846 8260B

Summary of Hits

Job Number: FA67624
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 08/26/19 thru 08/28/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tert-Butyl Alcohol		1590 J	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane [a]		2.4	0.093	0.047	ug/l	SW846 8011
FA67624-16	**02261 MW-29I**					
Benzene		3970	50	16	ug/l	SW846 8260B
Toluene		47.3	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		756	50	18	ug/l	SW846 8260B
Xylene (total)		978	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		86.7	50	11	ug/l	SW846 8260B
Naphthalene		299	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		64.9	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		1.4	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		6860	1000	260	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		5.8	2.0	0.24	ug/l	SW846 8260B
Tert-Butyl Alcohol		663	20	5.3	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.71	0.037	0.019	ug/l	SW846 8011
FA67624-17	**02261 MW-30I**					
Benzene		11000	200	62	ug/l	SW846 8260B
Toluene		1490	200	60	ug/l	SW846 8260B
Ethylbenzene		1550	200	71	ug/l	SW846 8260B
Xylene (total)		5880	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether		466	200	46	ug/l	SW846 8260B
Naphthalene		448 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		173 J	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		5920	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane [a]		8.6	0.37	0.18	ug/l	SW846 8011
FA67624-18	**02261 MW-31I**					
Benzene		2740	50	16	ug/l	SW846 8260B
Toluene		67.4	50	15	ug/l	SW846 8260B
Ethylbenzene		247	50	18	ug/l	SW846 8260B
Xylene (total)		514	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		231	50	11	ug/l	SW846 8260B
Naphthalene		130 J	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		88.0	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		6870	1000	260	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		15.5 J	100	12	ug/l	SW846 8260B
Tert-Butyl Alcohol		999 J	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.38	0.019	0.0094	ug/l	SW846 8011

Summary of Hits

Job Number: FA67624
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 08/26/19 thru 08/28/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA67624-19	**02261 TW-1**					
No hits reported in this sample.						
FA67624-20	**02261 TW-2**					
1,2-Dibromoethane [a]		0.011 J	0.019	0.0093	ug/l	SW846 8011
FA67624-21	**02261 TW-3**					
No hits reported in this sample.						
FA67624-22	**02261 TW-4**					
Benzene		11900	200	62	ug/l	SW846 8260B
Toluene		275	100	30	ug/l	SW846 8260B
Ethylbenzene		1170	100	36	ug/l	SW846 8260B
Xylene (total)		1780	300	72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1520	100	23	ug/l	SW846 8260B
Naphthalene		335 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		376	100	31	ug/l	SW846 8260B
Tert-Amyl Alcohol		9990	2000	530	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		53.7 J	200	24	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.82	0.037	0.019	ug/l	SW846 8011
FA67624-23	**02261 TW-5**					
Benzene		4.4	1.0	0.31	ug/l	SW846 8260B
Ethylbenzene		0.95 J	1.0	0.36	ug/l	SW846 8260B
Xylene (total)		0.83 J	3.0	0.72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		7.0	1.0	0.23	ug/l	SW846 8260B
1,2-Dichloroethane		2.6	1.0	0.31	ug/l	SW846 8260B
Tert-Amyl Alcohol		220	20	5.3	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		0.44 J	2.0	0.24	ug/l	SW846 8260B
Tert-Butyl Alcohol		65.2	20	5.3	ug/l	SW846 8260B
FA67624-24	**02261 TW-6**					
No hits reported in this sample.						
FA67624-25	**02261 FIELD BLANK 1**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA67624
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 08/26/19 thru 08/28/19

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA67624-26	**02261 TRIP BLANK**					

No hits reported in this sample.

(a) All hits confirmed by dual column analysis.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-15		
Lab Sample ID:	FA67624-1	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66119.D	250	08/31/19 06:25	AJ	n/a	n/a	VP2545
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	18400	250	78	ug/l	
108-88-3	Toluene	17700	250	75	ug/l	
100-41-4	Ethylbenzene	1350	250	89	ug/l	
1330-20-7	Xylene (total)	8570	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1810	250	57	ug/l	
91-20-3	Naphthalene [a]	ND	1300	250	ug/l	
107-06-2	1,2-Dichloroethane	653	250	78	ug/l	
108-20-3	Di-Isopropyl Ether	ND	250	60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	13000	2500	ug/l	
64-17-5	Ethyl Alcohol	ND	50000	20000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	500	59	ug/l	
75-85-4	Tert-Amyl Alcohol	28800	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	58900	5000	1300	ug/l	
762-75-4	Tert-Butyl Formate [b]	ND	5000	1300	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	86%		85-112%
460-00-4	4-Bromofluorobenzene	92%		83-118%

(a) Associated CCV outside of control limits low.
(b) Associated BS recovery outside control limits low.

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