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 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]	CC063533.D	250	09/06/19 16:54	NM	08/30/19 09:00	OP76622	GCC1508
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	115	4.7	2.3	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-16		
Lab Sample ID:	FA67624-2	**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	P66117.D	1	08/31/19 05:35	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	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 [a]	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 [b]	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	97%		79-125%
2037-26-5	Toluene-D8	86%		85-112%
460-00-4	4-Bromofluorobenzene	93%		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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-16		
Lab Sample ID:	FA67624-2	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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	DD108405.D	1	08/30/19 13:24	NM	08/30/19 09:00	OP76622	GDD3118
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	71%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-18		
Lab Sample ID:	FA67624-3	**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	P66118.D	1	08/31/19 06:00	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	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 [a]	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 [b]	ND	20	5.0	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	101%		79-125%
2037-26-5	Toluene-D8	85%		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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-18		
Lab Sample ID:	FA67624-3	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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	DD108407.D	1	08/30/19 14:00	NM	08/30/19 09:00	OP76622	GDD3118
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	79%		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:	FA67624-4	**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	P66169.D	200	09/03/19 15:25	AJ	n/a	n/a	VP2548
Run #2	Y44749.D	200	09/05/19 14:44	CV	n/a	n/a	VY1817

	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	6670	200	62	ug/l	
108-88-3	Toluene	17500	200	60	ug/l	
100-41-4	Ethylbenzene	1620	200	71	ug/l	
1330-20-7	Xylene (total)	12200	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	200	46	ug/l	
91-20-3	Naphthalene	510 [a]	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	83.7	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	9420	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	113%	108%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	118%	79-125%
2037-26-5	Toluene-D8	86%	92%	85-112%
460-00-4	4-Bromofluorobenzene	94%	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-20		
Lab Sample ID:	FA67624-4	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063535.D	100	09/06/19 17:34	NM	08/30/19 09:00	OP76622	GCC1508
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	30.9	1.9	0.94	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:	FA67624-5	**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	P66121.D	250	08/31/19 07:15	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	15700	250	78	ug/l	
108-88-3	Toluene	3300	250	75	ug/l	
100-41-4	Ethylbenzene	1860	250	89	ug/l	
1330-20-7	Xylene (total)	9830	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	483	250	57	ug/l	
91-20-3	Naphthalene [a]	ND	1300	250	ug/l	
107-06-2	1,2-Dichloroethane	411	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	37500	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	6800	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	111%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		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

SGS North America Inc.

Report of Analysis



Client Sample ID:	02261 MW-21		
Lab Sample ID:	FA67624-5	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063536.D	20	09/06/19 17:54	NM	08/30/19 09:00	OP76622	GCC1508
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	7.9	0.40	0.20	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:	FA67624-6	**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	P66239.D	100	09/06/19 21:16	AJ	n/a	n/a	VP2551
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	5700	100	31	ug/l	
108-88-3	Toluene	527	100	30	ug/l	
100-41-4	Ethylbenzene	2300	100	36	ug/l	
1330-20-7	Xylene (total)	5880	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	23	ug/l	
91-20-3	Naphthalene	638	500	100	ug/l	
107-06-2	1,2-Dichloroethane	48.9	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	9060	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	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	FA67624-6	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063537.D	10	09/06/19 18:15	NM	08/30/19 09:00	OP76622	GCC1508
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	5.0	0.19	0.093	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:	FA67624-7	**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	Y44750.D	1	09/05/19 15:11	CV	n/a	n/a	VY1817
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	22.1	1.0	0.31	ug/l	
108-88-3	Toluene	2.0	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	4.5	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	21.6	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.2	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane [a]	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	15.4	20	5.3	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	120%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-23		
Lab Sample ID:	FA67624-7	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	DD108413.D	1	08/30/19 15:49	NM	08/30/19 09:00	OP76622	GDD3118
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	0.041	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		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-25		
Lab Sample ID:	FA67624-8	**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	P66172.D	1	09/03/19 16:41	AJ	n/a	n/a	VP2548
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 [a]	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	113%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	87%		85-112%
460-00-4	4-Bromofluorobenzene	92%		83-118%

(a) Associated CCV outside of control limits low.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-25		
Lab Sample ID:	FA67624-8	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	DD108414.D	1	08/30/19 16:07	NM	08/30/19 09:00	OP76622	GDD3118
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	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

3.9

Client Sample ID:	02261 MW-26		
Lab Sample ID:	FA67624-9	**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	P66173.D	1	09/03/19 17:06	AJ	n/a	n/a	VP2548
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 [a]	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	118%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	85%		85-112%
460-00-4	4-Bromofluorobenzene	92%		83-118%

(a) Associated CCV outside of control limits low.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-26		
Lab Sample ID:	FA67624-9	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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	DD108415.D	1	08/30/19 16:25	NM	08/30/19 09:00	OP76622	GDD3118
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	ND	0.019	0.0093	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 MW-27		
Lab Sample ID:	FA67624-10	**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	P66174.D	1	09/03/19 17:31	AJ	n/a	n/a	VP2548
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 [a]	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	114%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	85%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

(a) Associated CCV outside of control limits low.

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

SGS North America Inc.

Report of Analysis

3.10

Client Sample ID:	02261 MW-27		
Lab Sample ID:	FA67624-10	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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	DD108416.D	1	08/30/19 16:43	NM	08/30/19 09:00	OP76622	GDD3118
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	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

3.11

Client Sample ID:	02261 MW-28		
Lab Sample ID:	FA67624-11	**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	P66175.D	500	09/03/19 17:55	AJ	n/a	n/a	VP2548
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	30000	500	160	ug/l	
108-88-3	Toluene	14000	500	150	ug/l	
100-41-4	Ethylbenzene	1800	500	180	ug/l	
1330-20-7	Xylene (total)	9880	1500	360	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5880	500	110	ug/l	
91-20-3	Naphthalene [a]	ND	2500	500	ug/l	
107-06-2	1,2-Dichloroethane	1770	500	160	ug/l	
108-20-3	Di-Isopropyl Ether	ND	500	120	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	25000	5000	ug/l	
64-17-5	Ethyl Alcohol	ND	100000	41000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	1000	120	ug/l	
75-85-4	Tert-Amyl Alcohol	33300	10000	2600	ug/l	
994-05-8	Tert-Amyl Methyl Ether	159	1000	120	ug/l	J
75-65-0	Tert-Butyl Alcohol	8210	10000	2700	ug/l	J
762-75-4	Tert-Butyl Formate	ND	10000	2500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	85%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

(a) Associated CCV outside of control limits low.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-28		
Lab Sample ID:	FA67624-11	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063538.D	1000	09/06/19 18:35	NM	08/30/19 09:00	OP76622	GCC1508
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	261	19	9.4	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

3.12

Client Sample ID:	02261 MW-29		
Lab Sample ID:	FA67624-12	**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	Y44751.D	100	09/05/19 15:39	CV	n/a	n/a	VY1817
Run #2	1A21078.D	100	09/06/19 16:09	CV	n/a	n/a	V1A853

	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	3980	100	31	ug/l	
108-88-3	Toluene	9780	100	30	ug/l	
100-41-4	Ethylbenzene	2570	100	36	ug/l	
1330-20-7	Xylene (total)	14500	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	43.3	100	23	ug/l	J
91-20-3	Naphthalene	606	500	100	ug/l	
107-06-2	1,2-Dichloroethane	ND [a]	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	1430	2000	530	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	120%	96%	79-125%
2037-26-5	Toluene-D8	91%	91%	85-112%
460-00-4	4-Bromofluorobenzene	93%	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

3.12



Client Sample ID:	02261 MW-29		
Lab Sample ID:	FA67624-12	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063539.D	20	09/06/19 18:54	NM	08/30/19 09:00	OP76622	GCC1508
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	7.4	0.37	0.19	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:	FA67624-13	**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	P66177.D	20	09/03/19 18:46	AJ	n/a	n/a	VP2548
Run #2	Y44752.D	20	09/05/19 16:06	CV	n/a	n/a	VY1817

	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	179	20	6.2	ug/l	
108-88-3	Toluene	202	20	6.0	ug/l	
100-41-4	Ethylbenzene	1200	20	7.1	ug/l	
1330-20-7	Xylene (total)	3150	60	14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	20	4.6	ug/l	
91-20-3	Naphthalene	396 [a]	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	117%	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	120%	79-125%
2037-26-5	Toluene-D8	88%	91%	85-112%
460-00-4	4-Bromofluorobenzene	98%	97%	83-118%

(a) Result is from Run# 2

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

SGS North America Inc.

Report of Analysis

3.13

Client Sample ID:	02261 MW-30		
Lab Sample ID:	FA67624-13	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	DD108419.D	1	08/30/19 17:38	NM	08/30/19 09:00	OP76622	GDD3118
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.51	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		63-137%

(a) All hits confirmed by dual column analysis.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-31		
Lab Sample ID:	FA67624-14	**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	Y44753.D	100	09/05/19 16:34	CV	n/a	n/a	VY1817
Run #2	P66178.D	500	09/03/19 19:11	AJ	n/a	n/a	VP2548

	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	6440	100	31	ug/l	
108-88-3	Toluene	7700	100	30	ug/l	
100-41-4	Ethylbenzene	765	100	36	ug/l	
1330-20-7	Xylene (total)	6070	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	157	100	23	ug/l	
91-20-3	Naphthalene	269	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	233 [a]	500	160	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	11800	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	1530	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	107%	112%	83-118%
17060-07-0	1,2-Dichloroethane-D4	119%	104%	79-125%
2037-26-5	Toluene-D8	90%	86%	85-112%
460-00-4	4-Bromofluorobenzene	93%	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-31		
Lab Sample ID:	FA67624-14	**Date Sampled:**	08/26/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063540.D	100	09/06/19 19:15	NM	08/30/19 09:00	OP76622	GCC1508
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	59.4	1.9	0.93	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

3.15

Client Sample ID:	02261 MW-28I		
Lab Sample ID:	FA67624-15	**Date Sampled:**	08/27/19
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	1A21000.D	200	09/03/19 15:27	CV	n/a	n/a	V1A850
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	9940	200	62	ug/l	
108-88-3	Toluene	534	200	60	ug/l	
100-41-4	Ethylbenzene	815	200	71	ug/l	
1330-20-7	Xylene (total)	3140	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1440	200	46	ug/l	
91-20-3	Naphthalene	462	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	375	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	10900	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	59.7	400	49	ug/l	J
75-65-0	Tert-Butyl Alcohol	1590	4000	1100	ug/l	J
762-75-4	Tert-Butyl Formate [a]	ND	4000	1000	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	97%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated ICV outside control limits high, however sample 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

3.15

Client Sample ID:	02261 MW-28I		
Lab Sample ID:	FA67624-15	**Date Sampled:**	08/27/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063541.D	5	09/06/19 19:34	NM	08/30/19 09:00	OP76622	GCC1508
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	2.4	0.093	0.047	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	126%		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

3.16

Client Sample ID:	02261 MW-29I		
Lab Sample ID:	FA67624-16	**Date Sampled:**	08/27/19
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	1A21001.D	1	09/03/19 15:52	CV	n/a	n/a	V1A850
Run #2	1A21020.D	50	09/05/19 13:26	CV	n/a	n/a	V1A851

	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	3970 [a]	50	16	ug/l	
108-88-3	Toluene	47.3	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	756 [a]	50	18	ug/l	
1330-20-7	Xylene (total)	978 [a]	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	86.7 [a]	50	11	ug/l	
91-20-3	Naphthalene	299 [a]	250	50	ug/l	
107-06-2	1,2-Dichloroethane	64.9	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	1.4	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	6860 [a]	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	5.8	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	663	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [b]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	96%	79-125%
2037-26-5	Toluene-D8	93%	93%	85-112%
460-00-4	4-Bromofluorobenzene	90%	100%	83-118%

(a) Result is from Run# 2
(b) Associated ICV outside control limits high, however sample 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

3.16

Client Sample ID:	02261 MW-29I		
Lab Sample ID:	FA67624-16	**Date Sampled:**	08/27/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063542.D	2	09/06/19 19:54	NM	08/30/19 09:00	OP76622	GCC1508
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.71	0.037	0.019	ug/l	

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

3.17



Client Sample ID:	02261 MW-30I		
Lab Sample ID:	FA67624-17	**Date Sampled:**	08/27/19
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	1A21022.D	200	09/05/19 14:18	CV	n/a	n/a	V1A851
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	11000	200	62	ug/l	
108-88-3	Toluene	1490	200	60	ug/l	
100-41-4	Ethylbenzene	1550	200	71	ug/l	
1330-20-7	Xylene (total)	5880	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	466	200	46	ug/l	
91-20-3	Naphthalene	448	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	173	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	5920	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 [a]	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	93%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV outside control limits high, however sample 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

3.17

Client Sample ID:	02261 MW-30I		
Lab Sample ID:	FA67624-17	**Date Sampled:**	08/27/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063545.D	20	09/06/19 20:54	NM	08/30/19 09:00	OP76622	GCC1508
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	8.6	0.37	0.18	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:	FA67624-18	**Date Sampled:**	08/27/19
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	1A21003.D	50	09/03/19 16:45	CV	n/a	n/a	V1A850
Run #2 [a]	1A21077.D	50	09/06/19 15:43	CV	n/a	n/a	V1A853

	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	2740	50	16	ug/l	
108-88-3	Toluene	67.4	50	15	ug/l	
100-41-4	Ethylbenzene	247	50	18	ug/l	
1330-20-7	Xylene (total)	514	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	231	50	11	ug/l	
91-20-3	Naphthalene	130	250	50	ug/l	J
107-06-2	1,2-Dichloroethane	88.0	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	6870	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	15.5	100	12	ug/l	J
75-65-0	Tert-Butyl Alcohol	999	1000	270	ug/l	J
762-75-4	Tert-Butyl Formate [b]	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	96%	79-125%
2037-26-5	Toluene-D8	96%	94%	85-112%
460-00-4	4-Bromofluorobenzene	102%	101%	83-118%

(a) Confirmation run.
(b) Associated ICV outside control limits high, however sample 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

3.113

Client Sample ID:	02261 MW-31I		
Lab Sample ID:	FA67624-18	**Date Sampled:**	08/27/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	DD108426.D	1	08/30/19 19:46	NM	08/30/19 09:00	OP76622	GDD3118
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.38	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%		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

3.19

Client Sample ID:	02261 TW-1		
Lab Sample ID:	FA67624-19	**Date Sampled:**	08/28/19
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	1A21004.D	1	09/03/19 17:11	CV	n/a	n/a	V1A850
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated ICV outside control limits high, however sample 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

3.19

Client Sample ID:	02261 TW-1		
Lab Sample ID:	FA67624-19	**Date Sampled:**	08/28/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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	DD108427.D	1	08/30/19 20:05	NM	08/30/19 09:00	OP76622	GDD3118
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	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

3.20



Client Sample ID:	02261 TW-2		
Lab Sample ID:	FA67624-20	**Date Sampled:**	08/28/19
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	1A21005.D	1	09/03/19 17:36	CV	n/a	n/a	V1A850
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated ICV outside control limits high, however sample 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 TW-2		
Lab Sample ID:	FA67624-20	**Date Sampled:**	08/28/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	DD108428.D	1	08/30/19 20:23	NM	08/30/19 09:00	OP76622	GDD3118
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	0.011	0.019	0.0093	ug/l	J

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

(a) All hits confirmed by dual column analysis.

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

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

SGS North America Inc.

Report of Analysis

3.21

Client Sample ID:	02261 TW-3		
Lab Sample ID:	FA67624-21	**Date Sampled:**	08/28/19
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	1A21006.D	1	09/03/19 18:02	CV	n/a	n/a	V1A850
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated ICV outside control limits high, however sample 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

3.21

Client Sample ID:	02261 TW-3		
Lab Sample ID:	FA67624-21	**Date Sampled:**	08/28/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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	DD108431.D	1	08/30/19 21:18	NM	08/30/19 09:00	OP76623	GDD3118
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	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

3.22



Client Sample ID:	02261 TW-4		
Lab Sample ID:	FA67624-22	**Date Sampled:**	08/27/19
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	1A21007.D	100	09/03/19 18:28	CV	n/a	n/a	V1A850
Run #2	1A21021.D	200	09/05/19 13:52	CV	n/a	n/a	V1A851

	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	11900 [a]	200	62	ug/l	
108-88-3	Toluene	275	100	30	ug/l	
100-41-4	Ethylbenzene	1170	100	36	ug/l	
1330-20-7	Xylene (total)	1780	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1520	100	23	ug/l	
91-20-3	Naphthalene	335	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	376	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	9990	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	53.7	200	24	ug/l	J
75-65-0	Tert-Butyl Alcohol	ND	2000	530	ug/l	
762-75-4	Tert-Butyl Formate [b]	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	98%	79-125%
2037-26-5	Toluene-D8	94%	94%	85-112%
460-00-4	4-Bromofluorobenzene	100%	100%	83-118%

(a) Result is from Run# 2
(b) Associated ICV outside control limits high, however sample 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 TW-4		
Lab Sample ID:	FA67624-22	**Date Sampled:**	08/27/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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]	CC063546.D	2	09/06/19 21:14	NM	08/30/19 09:00	OP76623	GCC1508
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	0.82	0.037	0.019	ug/l	

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

3.23

Client Sample ID:	02261 TW-5		
Lab Sample ID:	FA67624-23	**Date Sampled:**	08/27/19
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	1A21023.D	1	09/05/19 14:43	CV	n/a	n/a	V1A851
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	4.4	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.95	1.0	0.36	ug/l	J
1330-20-7	Xylene (total)	0.83	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	7.0	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	2.6	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	220	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.44	2.0	0.24	ug/l	J
75-65-0	Tert-Butyl Alcohol	65.2	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated ICV outside control limits high, however sample 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

3.23

Client Sample ID:	02261 TW-5		
Lab Sample ID:	FA67624-23	**Date Sampled:**	08/27/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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	DD108437.D	1	08/30/19 23:07	NM	08/30/19 09:00	OP76623	GDD3118
Run #2							

	Initial Volume	Final Volume
Run #1	38.6 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	ND	0.018	0.0091	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

3.24

Client Sample ID:	02261 TW-6		
Lab Sample ID:	FA67624-24	**Date Sampled:**	08/27/19
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	1A21009.D	1	09/03/19 19:20	CV	n/a	n/a	V1A850
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated ICV outside control limits high, however sample 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

3.24

Client Sample ID:	02261 TW-6		
Lab Sample ID:	FA67624-24	**Date Sampled:**	08/27/19
Matrix:	AQ - Ground Water	**Date Received:**	08/29/19
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	DD108438.D	1	08/30/19 23:25	NM	08/30/19 09:00	OP76623	GDD3118
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	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

3.25

Client Sample ID:	02261 FIELD BLANK 1		
Lab Sample ID:	FA67624-25	**Date Sampled:**	08/26/19
Matrix:	AQ - Field Blank 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	1A20991.D	1	09/03/19 11:35	CV	n/a	n/a	V1A850
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated ICV outside control limits high, however sample 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

3.25

Client Sample ID:	02261 FIELD BLANK 1		
Lab Sample ID:	FA67624-25	**Date Sampled:**	08/26/19
Matrix:	AQ - Field Blank Water	**Date Received:**	08/29/19
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	DD108439.D	1	08/30/19 23:43	NM	08/30/19 09:00	OP76623	GDD3118
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 TRIP BLANK		
Lab Sample ID:	FA67624-26	**Date Sampled:**	08/27/19
Matrix:	AQ - Trip Blank 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 [a]	1A20992.D	1	09/03/19 12:00	CV	n/a	n/a	V1A850
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 [b]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Sample vial(s) contained bubbles greater than 6mm; reported results are considered minimum values.
(b) Associated ICV outside control limits high, however sample 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

Subcontract Lab Data

Report of Analysis

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

SGS North America Inc. - Orlando
4405 Vineland Rd
Suite C-15
Orlando, FL 32811
Attention: Muna Mohammed

Project Name: FA67624X

Lot Number:**UH31009**

Date Completed:09/11/2019

09/12/2019 9:55 AM
Approved and released by:
Lab Director - Greenville: Lucas Odom

The electronic signature above is the equivalent of a handwritten signature.
This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

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: UH31009

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.

Extra Samples

Two additional samples were received that were not listed on the COC. These two samples have been logged in as samples -005 and -006. Per client request 8260 VOC and 8011 EDB has been analyzed and reported. The sample collection date and times were taken from the vial labels.

Sample Summary
SGS North America Inc. - Orlando
Lot Number: UH31009

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	02261 PW-3	Aqueous	08/27/2019 0832	08/31/2019
002	02261 DUP-D	Aqueous	08/27/2019 1203	08/31/2019
003	02261 WSW FIELD BLANK	Aqueous	08/27/2019 0812	08/31/2019
004	02261 WSW TRIP BLANK	Aqueous	08/27/2019 1800	08/31/2019
005	FB/FA67624-32	Aqueous	08/27/2019 0759	08/31/2019
006	FB/FA67624-31	Aqueous	08/28/2019 1047	08/31/2019

(6 samples)

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Detection Summary

SGS North America Inc. - Orlando

Lot Number: UH31009

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page

(0 detections)

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-001**

Description: **02261 PW-3** Matrix: **Aqueous**

Date Sampled: **08/27/2019 0832**

Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/04/2019 0131	JTH		27805

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		100	70-130
Bromofluorobenzene		96	70-130
Toluene-d8		98	70-130

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-001**

Description: **02261 PW-3** Matrix: **Aqueous**

Date Sampled: **08/27/2019 0832**

Date Received. **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524 2	524 2	1	09/05/2019 0142	STM		27922

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		89	70-130
1,2-Dichlorobenzene-d4		93	70-130

4

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **02261 PW-3**
Date Sampled: **08/27/2019 0832**
Date Received: **08/31/2019**

Laboratory ID: **UH31009-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	09/10/2019 1719	DAL1	09/10/2019 1130	28386

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.019	0.0037	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		93	57-137

4

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-002**
Description: **02261 DUP-D** Matrix: **Aqueous**
Date Sampled: **08/27/2019 1203**
Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/04/2019 0154	JTH		27805

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		101	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		97	70-130

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-002**

Description: **02261 DUP-D** Matrix: **Aqueous**

Date Sampled: **08/27/2019 1203**

Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	09/05/2019 0207	STM		27922

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		90	70-130
1,2-Dichlorobenzene-d4		101	70-130

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-002**
Description: **02261 DUP-D** Matrix: **Aqueous**
Date Sampled: **08/27/2019 1203**
Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504 1	1	09/10/2019 1731	DAL1	09/10/2019 1130	28386

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504 1	ND		0.018	0.0036	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		67	57-137

4

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-003**

Description: **02261 WSW FIELD BLANK** Matrix: **Aqueous**

Date Sampled: **08/27/2019 0812**

Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/04/2019 0216	JTH		27805

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		99	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		98	70-130

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-003**
Description: **02261 WSW FIELD BLANK** Matrix: **Aqueous**
Date Sampled: **08/27/2019 0812**
Date Received **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	09/04/2019 2244	STM		27922

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		94	70-130
1,2-Dichlorobenzene-d4		97	70-130

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

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **02261 WSW FIELD BLANK**
Date Sampled: **08/27/2019 0812**
Date Received: **08/31/2019**

Laboratory ID: **UH31009-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	09/10/2019 1743	DAL1	09/10/2019 1130	28386

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.018	0.0036	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		94	57-137

4

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-004**

Description: **02261 WSW TRIP BLANK** Matrix: **Aqueous**

Date Sampled: **08/27/2019 1800**

Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/04/2019 0238	JTH		27805

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		100	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		99	70-130

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **UH31009-004**
Description: **02261 WSW TRIP BLANK**
Matrix: **Aqueous**
Date Sampled: **08/27/2019 1800**
Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	09/04/2019 2310	STM		27922

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		94	70-130
1,2-Dichlorobenzene-d4		98	70-130

4

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-005**

Description: **FB/FA67624-32** Matrix: **Aqueous**

Date Sampled: **08/27/2019 0759**

Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/06/2019 2340	JTH		28196

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
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
Benzene	71-43-2	8260B	ND		1.0	0.40	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.40	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.40	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		105	70-130

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-005**

Description: **FB/FA67624-32** Matrix: **Aqueous**

Date Sampled: **08/27/2019 0759**

Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	09/11/2019 0859	DAL1	09/10/2019 1530	28456

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0.019	0 019	ug/L	1

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

4

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

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-006**

Description: **FB/FA67624-31** Matrix: **Aqueous**

Date Sampled: **08/28/2019 1047**

Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	09/07/2019 0003	JTH		28196

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
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
Benzene	71-43-2	8260B	ND		1.0	0.40	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260B	ND		5.0	2.0	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260B	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260B	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260B	ND		100	52	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.40	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260B	ND		1.0	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		1.0	0.40	ug/L	1
Naphthalene	91-20-3	8260B	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260B	ND		20	8.0	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.40	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		99	70-130
Toluene-d8		105	70-130

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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **UH31009-006**

Description: **FB/FA67624-31** Matrix: **Aqueous**

Date Sampled: **08/28/2019 1047**

Date Received: **08/31/2019**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	8011	8011	1	09/11/2019 0909	DAL1	09/10/2019 1530	28456

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	8011	ND		0 019	0 019	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		89	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

Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Chain of Custody
and
Miscellaneous Documents

SGS

CHAIN OF CUSTODY

SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL. 407-425-6700 FAX: 407-425-0707
www.sgs.com/ehsusa

Page 1 of 1

FED-EX Tracking #
Bottle Order Control #
SGS Quote #
SGS Job # FA67624X

Client / Reporting Information

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

Project Information

Project Name: Caroline Country Convenience, 1908 Hwy 601 N, Pageland, SC
Street
City State
Project #
Client Purchase Order #
Project Manager: Allison Lesada

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

Requested Analysis (see TEST CODE sheet)

UH31009

Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	Cont. Type	V624BTEX,MTBE,NAP,12-DCA,8 OXYGENATES	V624DTEX,MTBE,NAP,12-DCA,V8260OXYS,V8260BE	LAB USE ONLY
27X	02261 PW-3		8/27/19	8:32:00 AM	MC	DW			X	
28X	02261 DUP-D		8/27/19	12:03:00 PM	MC	DW			X	
29X	02261 WSW FIELD BLANK		8/27/19	8:12:00 AM	MC	WFB			x	
30X	02261 WSW TRIP BLANK		8/27/19	8:00:00 PM	MC	WTB		X		

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

Turnaround Time (Business days)

- Standard 10 Day (Business)
- 5 Business Days RUSH
- 3 Business Days RUSH
- 2 Business Days RUSH
- 1 Business Day EMERGENCY
- X other 7

Approved By (SGS PM) / Date: ASAP

Data Deliverable Information

- Commercial "A" (Level 1)
- X Commercial "B" (Level 2)
- RCDT1 (Level 3)
- FULT1 (Level 4)
- Commercial "C"
- State Forms
- EDD Format
- Other
- X CC

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

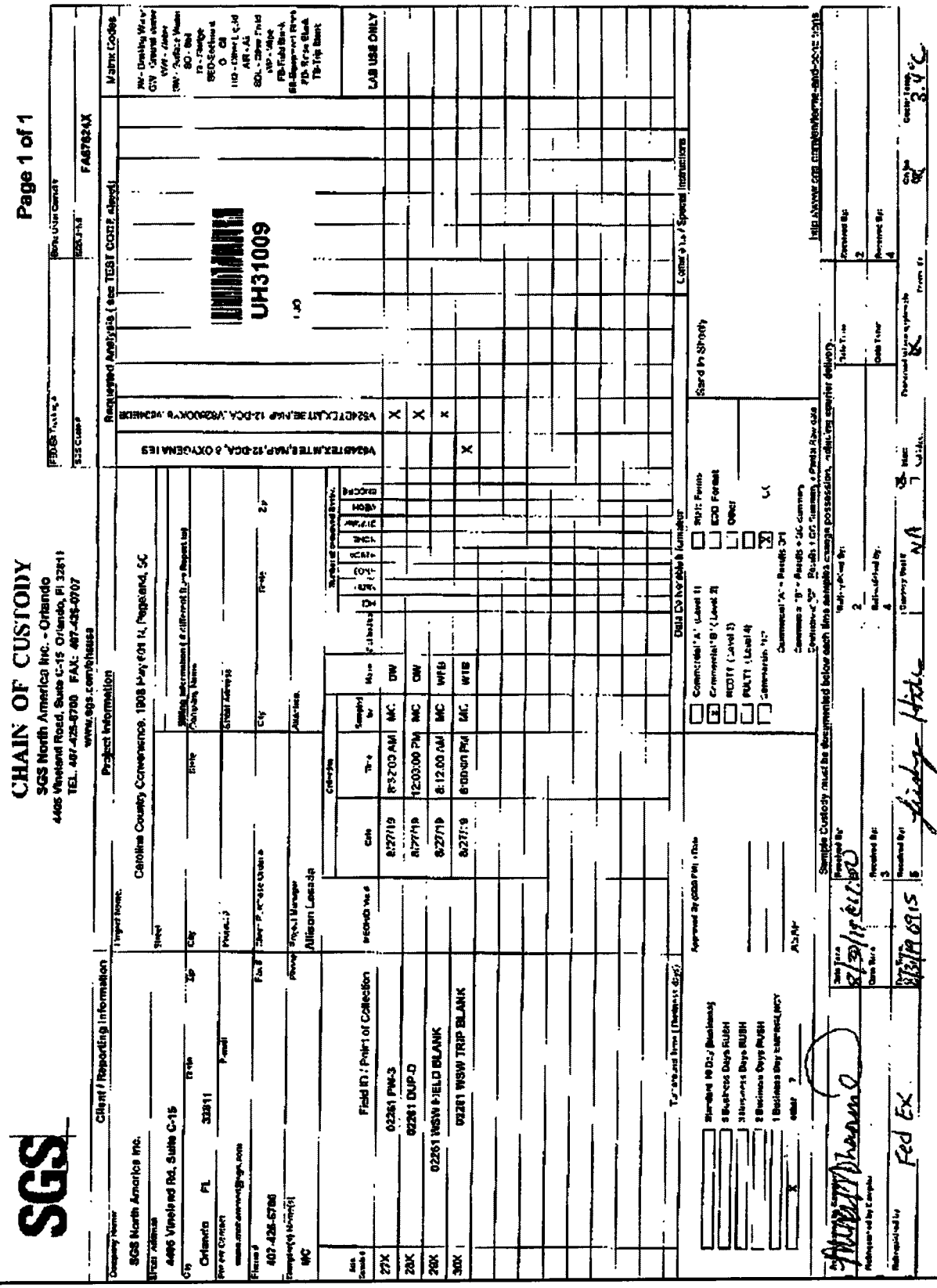
Comments / Special Instructions

Send to Shealy

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

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

Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
[signature]	8/30/19 @12:00	2	2		2
Relinquished by Sampler	Date Time	Received By: 3	Relinquished By: 4	Date Time	Received By: 4
Relinquished by: Fed Ex	Date Time: 8/31/19 0915	Received By: 5 [signature]	Custody Seal # NA	Intact: X Cooler	Preserved Where applicable: X Cooler Temp: 3.4°C



Shealy Environmental Services, Inc.
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Page 21 of 22

SGS

86 of 125

FA67624

4

Shealy Environmental Services, Inc
Document Number: ME0019C-14

Page 1 of 1
Effective Date: 8/7/2018

Sample Receipt Checklist (SRC)

Client: SGS Cooler Inspected by/date: LKH / 08-31-2019 Lot #: UH31009

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Other: ____

☑ Yes	☐ No		1. Were custody seals present on the cooler?
☑ Yes	☐ No	☐ NA	2. If custody seals were present, were they intact and unbroken?

pH Strip ID: NA Chlorine Strip ID: NA Tested by: NA

Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: NA

3.4 / 3.4 °C NA / NA °C NA / NA °C NA / NA °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?
☑ 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? SEE COMMENTS
☑ 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 # NA

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

Sample(s) NA ____ were received incorrectly preserved and were adjusted accordingly in sample receiving with NA ml. of circle one: H_2SO_4, HNO_3, HCl, NaOH using SR # NA.

Time of preservation NA. If more than one preservative is needed, please note in the comments below.

Sample(s) 04(4) ____ were received with bubbles >6 mm in diameter.

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

SR barcode labels applied by: LKH Date: 08-31-2019

Comments: SAMPLE ID FOR SAMPLE 001 ON COC IS "02261 PW-3" BUT IT IS "02261 PW-1" ON VIALS.
WE RECEIVED 5 HCL VIALS LABELED FB-2 AND ANOTHER 5 HCL VIALS LABELED FB-2. NEITHER OF THESE ARE LISTED ON THE COC.

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: FA67624
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 North America Inc - Orlando

Chain of Custody

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

SGS - ORLANDO JOB #: FA67624 PAGE 1 OF 3

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 3205 3502 Hayes Rd.
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: w66@geologicalresources inc.com
Phone #: 704-451-2408
Sampler(s) Name(s) (Printed) Sampler 1: Alex Lin Sampler 2: Matthew Caskey

Project Information

Project Name: Carolina Country Convenience
Street: 1906 Hwy 601 North
City: Pageland State: SC
Project #: 02261 3289
PO #: UST Permit #: 3289 0226
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

SGS Orlando Sample #	Field ID / Point of Collection	Collection DATE	Collection TIME	Sampled By	Matrix	Total # of Bottles	Container Information	Analytical Information	LAB USE ONLY
1	02261 MW-15	8/26/19	1217	MC	GW	5	HCl	BTEX, MTBE, naphthalene, 1,2 EDB by 8011	
2	02261 MW-16	8/26/19	1110	MC	GW	5	HCl		
3	02261 MW-19	8/26/19	1118	MC	GW	5	HCl		
4	02261 MW-20	8/26/19	1305	MC	GW	5	HCl		
5	02261 MW-21	8/26/19	1238	MC	GW	5	HCl		
6	02261 MW-22	8/26/19	1324	MC	GW	5	HCl		
7	02261 MW-23	8/26/19	1502	AL	GW	5	HCl		
8	02261 MW-25	8/26/19	1507	MC	GW	5	HCl		
9	02261 MW-26	8/26/19	1537	AL	GW	5	HCl		
10	02261 MW-27	8/26/19	1530	MC	GW	5	HCl		
11	02261 MW-28	8/26/19	1553	MC	GW	5	HCl		
12	02261 MW-29	8/26/19	1631	AL	GW	6	HCl		

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

UST Management Program
SC DHEC 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 Matthew Caskey	8/28/19	2 FEDEX 1004 6377 3371	3 FX		4 Pecon 8/29/19 900
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

2.8

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

5.2 5

FA67624: Chain of Custody
Page 1 of 4

SGS North America Inc - Orlando

Chain of Custody

FA67624

SGS - ORLANDO JOB #: PAGE 2 OF 3

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

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 3502 Hayes Rd
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: ws6@geological-resources.com
Phone #: 704-451-2408
Sampler(s) Name(s) (Printed)
Sampler 1: Alex Lin Sampler 2: Matthew Caskey

Project Information

Project Name: Carolina Country Convenience
Street: 1906 Hwy 601 North
City: Pageland State: SC
Project #: 3289
Fax #: UST Permit #: 02261
Client Purchase Order #

Analytical Information

BTEX, MTBE, naphthalene, PCA's, 5 oxygenates by 8260B | EDB by 8011

Matrix Codes

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

SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MEOH	BTEX, MTBE, naphthalene, PCA's, 5 oxygenates by 8260B	EDB by 8011	LAB USE ONLY
13	02261 MW-30	8/27/19	1611	MC	GW	5			X						X	X	
14	02261 MW-31	8/27/19	1636	MC	GW	5			X						X	X	
15	02261 MW-24I	8/27/19	1550	MC	GW	5			X						X	X	
16	02261 MW-24I	8/27/19	1429	MC	GW	5			X						X	X	
17	02261 MW-30I	8/27/19	1122	MC	GW	5			X						X	X	
18	02261 MW-31I	8/27/19	1311	MC	GW	5			X						X	X	
19	02261 TW-1	8/29/19	1025	MC	GW	5			X						X	X	
20	02261 TW-2	8/29/19	0943	AL	GW	5			X						X	X	
21	02261 TW-3	8/29/19	1033	AL	GW	5			X						X	X	
22	02261 TW-4	8/27/19	1411	AL	GW	5			X						X	X	
23	02261 TW-5	8/27/19	1258	AL	GW	5			X						X	X	
24	02261 TW-6	8/27/19	1048	AL	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 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

UST Management Program
SC DHEC 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	Matthew Caskey	8/29/19	2 FedEx 1007 6377 3371	3 FX		4 FedEx 8/29/19 900
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

FA67624: Chain of Custody
Page 2 of 4

FA67624

SGS North America Inc - Orlando
Chain of Custody

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

SGS - ORLANDO JOB # : PAGE 3 OF 3

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@geological resources inc.com
Phone #: 704-451-2408
Sampler(s) Name(s) (Printed)
Sampler 1: Alec Lin Sampler 2: Matthew Caskey.

Project Information

Project Name: Carolina Country Convenience
Street 1906 Hwy 601 North
City Pageland State SC
Project # 3289
~~Fax #~~ UST Permit #: 02261
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, 8 oxygenates by 8260	EDB by 8011	BTEX, MTBE, naphthalene, 1,2-DCA, 8 oxygenates 8260	8 oxygenates 8260	EDB 504.1	LAB USE ONLY
25	02261 Field Blank 1	8/26/19	0746	AL	GW	5			X							X	X				
26	02261 Trip Blank	8/27/19	0736	AL	GW	2			X							X					
27	02261 PW-3	8/27/19	0832	AL	DW	8			X									X	X	X	
28	02261 DUP-D	8/27/19	1003	AL	DW	8			X									X	X	X	
29	02261 WSW Field Blank	8/27/19	0812	AL	GW	8			X									X	X	X	
30	02261 WSW Trip Blank	8/27/19	1800	AL	GW	4			X									X	X		
31	02261 Field Blank 2	8/27/19	0759	AL	GW	5			X							X	X				
32	02261 Field Blank 3	8/28/19	1047	AL	GW	5			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)

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

UST Management Program
SC DHEC 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 Matthew Caskey	8/28/19	2 FedEx 1004 0377337	3 [signature]		4 [signature] 8/29/19 900
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

5.2

5

FA67624: Chain of Custody
Page 3 of 4

SGS Sample Receipt Summary

Job Number: FA67624 **Client:** GEOLOGICAL RESOURCES **Project:** CAROLINA COUNTRY CONVIENIENCES

Date / Time Received: 8/29/2019 9:00:00 AM **Delivery Method:** FX **Airbill #'s:**

Therm ID: IR 1; **Therm CF:** 1, **# of Coolers:** 1

Cooler Temps (Raw Measured) °C: Cooler 1. (1.8);

Cooler Temps (Corrected) °C: Cooler 1· (2 8);

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

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

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

Misc. Information

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

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

Residual Chlorine Test Strip Lot #. _____

Comments

SM001
Rev Date 05/24/17

Technician. PETERH Date 8/29/2019 9:00 00 AM Reviewer _____ Date· _____

5.2

5

FA67624: Chain of Custody
Page 4 of 4

MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA67624
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
VP2545-MB	P66105.D	1	08/31/19	AJ	n/a	n/a	VP2545

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

FA67624-1, FA67624-2, FA67624-3, FA67624-5

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	111%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	87%	85-112%
460-00-4	4-Bromofluorobenzene	92%	83-118%

Method Blank Summary

Job Number: FA67624
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
VP2548-MB	P66156.D	1	09/03/19	AJ	n/a	n/a	VP2548

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

FA67624-4, FA67624-8, FA67624-9, FA67624-10, FA67624-11, FA67624-13, FA67624-14

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	110%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	87%	85-112%
460-00-4	4-Bromofluorobenzene	92%	83-118%

Method Blank Summary

Job Number: FA67624
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
V1A850-MB	1A20989.D	1	09/03/19	CV	n/a	n/a	V1A850

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

FA67624-15, FA67624-16, FA67624-18, FA67624-19, FA67624-20, FA67624-21, FA67624-22, FA67624-24, FA67624-25, FA67624-26

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

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

Method Blank Summary

Job Number: FA67624
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
V1A851-MB	1A21015.D	1	09/05/19	CV	n/a	n/a	V1A851

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

FA67624-16, FA67624-17, FA67624-22, FA67624-23

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	94%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

6.1.4

Method Blank Summary

Job Number: FA67624
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
VY1817-MB	Y44743.D	1	09/05/19	CV	n/a	n/a	VY1817

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

FA67624-4, FA67624-7, FA67624-12, FA67624-13, FA67624-14

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	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	118%	79-125%
2037-26-5	Toluene-D8	91%	85-112%
460-00-4	4-Bromofluorobenzene	94%	83-118%

Method Blank Summary

Job Number: FA67624
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
V1A853-MB	1A21067.D	1	09/06/19	CV	n/a	n/a	V1A853

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

FA67624-12

CAS No.	Compound	Result	RL	MDL	Units	Q
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	93%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
10024-97-2	Nitrous Oxide	2.82	840	ug/l	JN
	Total TIC, Volatile		840	ug/l	J

Method Blank Summary

Job Number: FA67624
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
VP2551-MB	P66238.D	1	09/06/19	AJ	n/a	n/a	VP2551

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

FA67624-6

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

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

Blank Spike Summary

Job Number: FA67624
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
VP2545-BS	P66103.D	1	08/30/19	AJ	n/a	n/a	VP2545

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

FA67624-1, FA67624-2, FA67624-3, FA67624-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	28.3	113	81-122
107-06-2	1,2-Dichloroethane	25	28.6	114	75-125
108-20-3	Di-Isopropyl Ether	25	22.0	88	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1110	89	55-126
64-17-5	Ethyl Alcohol	500	594	119	46-145
100-41-4	Ethylbenzene	25	27.2	109	81-121
637-92-3	Ethyl Tert Butyl Ether	25	21.1	84	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.8	91	72-117
91-20-3	Naphthalene	25	16.4	66	63-132
75-85-4	Tert-Amyl Alcohol	250	226	90	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.5	90	73-122
75-65-0	Tert-Butyl Alcohol	250	247	99	63-129
762-75-4	Tert-Butyl Formate	250	106	42*	46-130
108-88-3	Toluene	25	25.8	103	80-120
1330-20-7	Xylene (total)	75	83.7	112	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	115%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	90%	85-112%
460-00-4	4-Bromofluorobenzene	95%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67624
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
VP2548-BS	P66154.D	1	09/03/19	AJ	n/a	n/a	VP2548

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

FA67624-4, FA67624-8, FA67624-9, FA67624-10, FA67624-11, FA67624-13, FA67624-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.5	106	81-122
107-06-2	1,2-Dichloroethane	25	26.4	106	75-125
108-20-3	Di-Isopropyl Ether	25	22.1	88	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1060	85	55-126
64-17-5	Ethyl Alcohol	500	526	105	46-145
100-41-4	Ethylbenzene	25	25.5	102	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.7	83	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.2	89	72-117
91-20-3	Naphthalene	25	18.7	75	63-132
75-85-4	Tert-Amyl Alcohol	250	194	78	65-124
994-05-8	Tert-Amyl Methyl Ether	25	21.6	86	73-122
75-65-0	Tert-Butyl Alcohol	250	228	91	63-129
762-75-4	Tert-Butyl Formate	250	118	47	46-130
108-88-3	Toluene	25	24.6	98	80-120
1330-20-7	Xylene (total)	75	78.2	104	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	110%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	91%	85-112%
460-00-4	4-Bromofluorobenzene	93%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67624
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
V1A850-BS	1A20988.D	1	09/03/19	CV	n/a	n/a	V1A850

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

FA67624-15, FA67624-16, FA67624-18, FA67624-19, FA67624-20, FA67624-21, FA67624-22, FA67624-24, FA67624-25, FA67624-26

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	24.8	99	75-125
108-20-3	Di-Isopropyl Ether	25	19.6	78	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1030	82	55-126
64-17-5	Ethyl Alcohol	500	453	91	46-145
100-41-4	Ethylbenzene	25	24.2	97	81-121
637-92-3	Ethyl Tert Butyl Ether	25	19.5	78	71-120
1634-04-4	Methyl Tert Butyl Ether	25	20.5	82	72-117
91-20-3	Naphthalene	25	21.0	84	63-132
75-85-4	Tert-Amyl Alcohol	250	213	85	65-124
994-05-8	Tert-Amyl Methyl Ether	25	21.0	84	73-122
75-65-0	Tert-Butyl Alcohol	250	220	88	63-129
762-75-4	Tert-Butyl Formate	250	118	47	46-130
108-88-3	Toluene	25	22.3	89	80-120
1330-20-7	Xylene (total)	75	70.8	94	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	79-125%
2037-26-5	Toluene-D8	93%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67624
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
V1A851-BS	1A21014.D	1	09/05/19	CV	n/a	n/a	V1A851

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

FA67624-16, FA67624-17, FA67624-22, FA67624-23

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.3	101	81-122
107-06-2	1,2-Dichloroethane	25	25.1	100	75-125
108-20-3	Di-Isopropyl Ether	25	19.9	80	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1080	86	55-126
64-17-5	Ethyl Alcohol	500	447	89	46-145
100-41-4	Ethylbenzene	25	24.5	98	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.0	80	71-120
1634-04-4	Methyl Tert Butyl Ether	25	21.1	84	72-117
91-20-3	Naphthalene	25	21.4	86	63-132
75-85-4	Tert-Amyl Alcohol	250	214	86	65-124
994-05-8	Tert-Amyl Methyl Ether	25	21.7	87	73-122
75-65-0	Tert-Butyl Alcohol	250	221	88	63-129
762-75-4	Tert-Butyl Formate	250	132	53	46-130
108-88-3	Toluene	25	22.7	91	80-120
1330-20-7	Xylene (total)	75	71.9	96	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	92%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67624
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
VY1817-BS	Y44741.D	1	09/05/19	CV	n/a	n/a	VY1817

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

FA67624-4, FA67624-7, FA67624-12, FA67624-13, FA67624-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.1	104	81-122
107-06-2	1,2-Dichloroethane	25	30.2	121	75-125
108-20-3	Di-Isopropyl Ether	25	24.7	99	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1000	80	55-126
64-17-5	Ethyl Alcohol	500	475	95	46-145
100-41-4	Ethylbenzene	25	25.5	102	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.6	94	71-120
1634-04-4	Methyl Tert Butyl Ether	25	25.1	100	72-117
91-20-3	Naphthalene	25	22.7	91	63-132
75-85-4	Tert-Amyl Alcohol	250	223	89	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.2	97	73-122
75-65-0	Tert-Butyl Alcohol	250	247	99	63-129
762-75-4	Tert-Butyl Formate	250	118	47	46-130
108-88-3	Toluene	25	24.3	97	80-120
1330-20-7	Xylene (total)	75	78.4	105	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	109%	83-118%
17060-07-0	1,2-Dichloroethane-D4	115%	79-125%
2037-26-5	Toluene-D8	94%	85-112%
460-00-4	4-Bromofluorobenzene	95%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67624
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
V1A853-BS	1A21066.D	1	09/06/19	CV	n/a	n/a	V1A853

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

FA67624-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
107-06-2	1,2-Dichloroethane	25	25.1	100	75-125

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	92%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67624
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
VP2551-BS	P66237.D	1	09/06/19	AJ	n/a	n/a	VP2551

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

FA67624-6

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	24.0	96	75-125
108-20-3	Di-Isopropyl Ether	25	21.6	86	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1080	86	55-126
64-17-5	Ethyl Alcohol	500	437	87	46-145
100-41-4	Ethylbenzene	25	25.0	100	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.1	80	71-120
1634-04-4	Methyl Tert Butyl Ether	25	21.2	85	72-117
91-20-3	Naphthalene	25	23.5	94	63-132
75-85-4	Tert-Amyl Alcohol	250	229	92	65-124
994-05-8	Tert-Amyl Methyl Ether	25	21.4	86	73-122
75-65-0	Tert-Butyl Alcohol	250	223	89	63-129
762-75-4	Tert-Butyl Formate	250	107	43*	46-130
108-88-3	Toluene	25	24.6	98	80-120
1330-20-7	Xylene (total)	75	76.2	102	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	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	98%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67624
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
FA67548-9MS	P66110.D	5	08/31/19	AJ	n/a	n/a	VP2545
FA67548-9MSD	P66111.D	5	08/31/19	AJ	n/a	n/a	VP2545
FA67548-9	P66109.D	1	08/31/19	AJ	n/a	n/a	VP2545

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

FA67624-1, FA67624-2, FA67624-3, FA67624-5

CAS No.	Compound	FA67548-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U		125	149	119	125	149	119	0	81-122/14
107-06-2	1,2-Dichloroethane	1.0 U		125	146	117	125	146	117	0	75-125/14
108-20-3	Di-Isopropyl Ether	1.0 U		125	111	89	125	113	90	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50 U		6250	5980	96	6250	6040	97	1	55-126/17
64-17-5	Ethyl Alcohol	200 U		2500	2420	97	2500	2800	112	15	46-145/30
100-41-4	Ethylbenzene	1.0 U		125	141	113	125	143	114	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0 U		125	106	85	125	106	85	0	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1.0 U		125	118	94	125	114	91	3	72-117/14
91-20-3	Naphthalene	5.0 U		125	83.0	66	125	84.2	67	1	63-132/25
75-85-4	Tert-Amyl Alcohol	20 U		1250	1200	96	1250	1190	95	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0 U		125	113	90	125	112	90	1	73-122/13
75-65-0	Tert-Butyl Alcohol	20 U		1250	1590	127	1250	1620	130*	2	63-129/27
762-75-4	Tert-Butyl Formate	20 U		1250	285	23*	1250	276	22*	3	46-130/33
108-88-3	Toluene	1.0 U		125	133	106	125	135	108	1	80-120/14
1330-20-7	Xylene (total)	3.0 U		375	431	115	375	440	117	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67548-9	Limits
1868-53-7	Dibromofluoromethane	116%	114%	113%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	94%	94%	79-125%
2037-26-5	Toluene-D8	90%	89%	87%	85-112%
460-00-4	4-Bromofluorobenzene	94%	95%	93%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67624
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
FA67569-11MS	P66164.D	1	09/03/19	AJ	n/a	n/a	VP2548
FA67569-11MSD	P66165.D	1	09/03/19	AJ	n/a	n/a	VP2548
FA67569-11	P66159.D	1	09/03/19	AJ	n/a	n/a	VP2548

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

FA67624-4, FA67624-8, FA67624-9, FA67624-10, FA67624-11, FA67624-13, FA67624-14

CAS No.	Compound	FA67569-11 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	1.0 U		25	25.4	102	25	26.5	106	4	81-122/14
107-06-2	1,2-Dichloroethane	1.0 U		25	27.2	109	25	27.7	111	2	75-125/14
108-20-3	Di-Isopropyl Ether	1.0 U		25	20.6	82	25	21.6	86	5	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50 U		1250	1000	80	1250	984	79	2	55-126/17
64-17-5	Ethyl Alcohol	200 U		500	455	91	500	451	90	1	46-145/30
100-41-4	Ethylbenzene	1.0 U		25	24.1	96	25	24.7	99	2	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0 U		25	19.8	79	25	20.6	82	4	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	22.4	90	25	23.8	95	6	72-117/14
91-20-3	Naphthalene	5.0 U		25	18.6	74	25	19.8	79	6	63-132/25
75-85-4	Tert-Amyl Alcohol	20 U		250	190	76	250	197	79	4	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0 U		25	21.5	86	25	22.6	90	5	73-122/13
75-65-0	Tert-Butyl Alcohol	20 U		250	249	100	250	262	105	5	63-129/27
762-75-4	Tert-Butyl Formate	20 U		250	58.7	23*	250	48.7	19*	19	46-130/33
108-88-3	Toluene	1.0 U		25	22.8	91	25	23.0	92	1	80-120/14
1330-20-7	Xylene (total)	3.0 U		75	73.8	98	75	75.2	100	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67569-11	Limits
1868-53-7	Dibromofluoromethane	118%	118%	110%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	106%	100%	79-125%
2037-26-5	Toluene-D8	87%	88%	87%	85-112%
460-00-4	4-Bromofluorobenzene	94%	92%	96%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67624
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
FA67532-1MS	1A20998.D	5	09/03/19	CV	n/a	n/a	V1A850
FA67532-1MSD	1A20999.D	5	09/03/19	CV	n/a	n/a	V1A850
FA67532-1	1A20993.D	1	09/03/19	CV	n/a	n/a	V1A850

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

FA67624-15, FA67624-16, FA67624-18, FA67624-19, FA67624-20, FA67624-21, FA67624-22, FA67624-24, FA67624-25, FA67624-26

CAS No.	Compound	FA67532-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	1.0 U		125	127	102	125	126	101	1	81-122/14
107-06-2	1,2-Dichloroethane	1.0 U		125	127	102	125	126	101	1	75-125/14
108-20-3	Di-Isopropyl Ether	1.0 U		125	98.4	79	125	98.6	79	0	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50 U		6250	5280	84	6250	5250	84	1	55-126/17
64-17-5	Ethyl Alcohol	200 U		2500	2000	80	2500	2170	87	8	46-145/30
100-41-4	Ethylbenzene	1.0 U		125	122	98	125	121	97	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0 U		125	100	80	125	99.8	80	0	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1.0 U		125	109	87	125	107	86	2	72-117/14
91-20-3	Naphthalene	5.0 U		125	115	92	125	107	86	7	63-132/25
75-85-4	Tert-Amyl Alcohol	20 U		1250	1070	86	1250	1070	86	0	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0 U		125	112	90	125	109	87	3	73-122/13
75-65-0	Tert-Butyl Alcohol	20 U		1250	954	76	1250	976	78	2	63-129/27
762-75-4	Tert-Butyl Formate	20 U		1250	602	48	1250	583	47	3	46-130/33
108-88-3	Toluene	1.0 U		125	113	90	125	112	90	1	80-120/14
1330-20-7	Xylene (total)	3.0 U		375	358	95	375	357	95	0	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67532-1	Limits
1868-53-7	Dibromofluoromethane	107%	106%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	105%	96%	79-125%
2037-26-5	Toluene-D8	92%	93%	96%	85-112%
460-00-4	4-Bromofluorobenzene	98%	98%	101%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67624
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
FA67522-8MS	1A21027.D	10	09/05/19	CV	n/a	n/a	V1A851
FA67522-8MSD	1A21028.D	10	09/05/19	CV	n/a	n/a	V1A851
FA67522-8	1A21017.D	5	09/05/19	CV	n/a	n/a	V1A851

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

FA67624-16, FA67624-17, FA67624-22, FA67624-23

CAS No.	Compound	FA67522-8 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		250	257	103	250	256	102	0	81-122/14
107-06-2	1,2-Dichloroethane	ND		250	261	104	250	259	104	1	75-125/14
108-20-3	Di-Isopropyl Ether	ND		250	199	80	250	202	81	1	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		12500	10700	86	12500	10400	83	3	55-126/17
64-17-5	Ethyl Alcohol	ND		5000	3970	79	5000	4260	85	7	46-145/30
100-41-4	Ethylbenzene	ND		250	243	97	250	239	96	2	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		250	202	81	250	203	81	0	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		250	222	89	250	221	88	0	72-117/14
91-20-3	Naphthalene	ND		250	235	94	250	232	93	1	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		2500	2190	88	2500	2220	89	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		250	226	90	250	225	90	0	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		2500	2130	85	2500	2180	87	2	63-129/27
762-75-4	Tert-Butyl Formate	ND		2500	1310	52	2500	1280	51	2	46-130/33
108-88-3	Toluene	ND		250	225	90	250	222	89	1	80-120/14
1330-20-7	Xylene (total)	ND		750	710	95	750	701	93	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67522-8	Limits
1868-53-7	Dibromofluoromethane	107%	107%	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	106%	95%	79-125%
2037-26-5	Toluene-D8	91%	91%	95%	85-112%
460-00-4	4-Bromofluorobenzene	98%	98%	101%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67624
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
FA67539-7MS	Y44754.D	50	09/05/19	CV	n/a	n/a	VY1817
FA67539-7MSD	Y44755.D	50	09/05/19	CV	n/a	n/a	VY1817
FA67539-7	Y44744.D	25	09/05/19	CV	n/a	n/a	VY1817

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

FA67624-4, FA67624-7, FA67624-12, FA67624-13, FA67624-14

CAS No.	Compound	FA67539-7 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	8.1		1250	1350	107	1250	1340	107	1	81-122/14
107-06-2	1,2-Dichloroethane	ND		1250	1570	126*	1250	1540	123	2	75-125/14
108-20-3	Di-Isopropyl Ether	ND		1250	1310	105	1250	1280	102	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		62500	44900	72	62500	42900	69	5	55-126/17
64-17-5	Ethyl Alcohol	ND		25000	24100	96	25000	22300	89	8	46-145/30
100-41-4	Ethylbenzene	185		1250	1530	108	1250	1490	104	3	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		1250	1240	99	1250	1230	98	1	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		1250	1330	106	1250	1330	106	0	72-117/14
91-20-3	Naphthalene	ND		1250	1240	99	1250	1240	99	0	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		12500	12000	96	12500	11600	93	3	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		1250	1300	104	1250	1280	102	2	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		12500	13100	105	12500	12500	100	5	63-129/27
762-75-4	Tert-Butyl Formate	ND		12500	5970	48	12500	6130	49	3	46-130/33
108-88-3	Toluene	9.4		1250	1280	102	1250	1240	98	3	80-120/14
1330-20-7	Xylene (total)	ND		3750	4120	110	3750	3990	106	3	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67539-7	Limits
1868-53-7	Dibromofluoromethane	106%	108%	109%	83-118%
17060-07-0	1,2-Dichloroethane-D4	116%	115%	121%	79-125%
2037-26-5	Toluene-D8	95%	94%	92%	85-112%
460-00-4	4-Bromofluorobenzene	94%	96%	94%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67624
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
FA67544-1MS	1A21079.D	1	09/06/19	CV	n/a	n/a	V1A853
FA67544-1MSD	1A21080.D	1	09/06/19	CV	n/a	n/a	V1A853
FA67544-1	1A21073.D	1	09/06/19	CV	n/a	n/a	V1A853

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

FA67624-12

CAS No.	Compound	FA67544-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
107-06-2	1,2-Dichloroethane	1.0 U		25	25.6	102	25	25.7	103	0	75-125/14

CAS No.	Surrogate Recoveries	MS	MSD	FA67544-1	Limits
1868-53-7	Dibromofluoromethane	107%	106%	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	107%	99%	79-125%
2037-26-5	Toluene-D8	89%	90%	92%	85-112%
460-00-4	4-Bromofluorobenzene	97%	98%	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67624
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
FA67624-6MS	P66251.D	100	09/07/19	AJ	n/a	n/a	VP2551
FA67624-6MSD	P66252.D	100	09/07/19	AJ	n/a	n/a	VP2551
FA67624-6	P66239.D	100	09/06/19	AJ	n/a	n/a	VP2551

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

FA67624-6

CAS No.	Compound	FA67624-6 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	5700		2500	7780	83	2500	7780	83	0	81-122/14
107-06-2	1,2-Dichloroethane	48.9	J	2500	2550	100	2500	2520	99	1	75-125/14
108-20-3	Di-Isopropyl Ether	ND		2500	2210	88	2500	2150	86	3	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		125000	120000	96	125000	117000	94	3	55-126/17
64-17-5	Ethyl Alcohol	ND		50000	43200	86	50000	32600	65	28	46-145/30
100-41-4	Ethylbenzene	2300		2500	4820	101	2500	4830	101	0	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		2500	2040	82	2500	2030	81	0	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		2500	2230	89	2500	2190	88	2	72-117/14
91-20-3	Naphthalene	638		2500	3010	95	2500	3180	102	5	63-132/25
75-85-4	Tert-Amyl Alcohol	9060		25000	33500	98	25000	32900	95	2	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		2500	2250	90	2500	2220	89	1	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		25000	24900	100	25000	25300	101	2	63-129/27
762-75-4	Tert-Butyl Formate	ND		25000	10700	43*	25000	10600	42*	1	46-130/33
108-88-3	Toluene	527		2500	3030	100	2500	3050	101	1	80-120/14
1330-20-7	Xylene (total)	5880		7500	13600	103	7500	13500	102	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67624-6	Limits
1868-53-7	Dibromofluoromethane	100%	100%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	101%	100%	79-125%
2037-26-5	Toluene-D8	103%	101%	100%	85-112%
460-00-4	4-Bromofluorobenzene	97%	99%	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: FA67624
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
OP76622-MB	DD108402.D	1	08/30/19	NM	08/30/19	OP76622	GDD3118

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67624-1, FA67624-2, FA67624-3, FA67624-4, FA67624-5, FA67624-6, FA67624-7, FA67624-8, FA67624-9, FA67624-10, FA67624-11, FA67624-12, FA67624-13, FA67624-14, FA67624-15, FA67624-16, FA67624-17, FA67624-18, FA67624-19, FA67624-20

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	91%	63-137%

Method Blank Summary

Job Number: FA67624
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
OP76623-MB	DD108430.D	1	08/30/19	NM	08/30/19	OP76623	GDD3118

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67624-21, FA67624-22, FA67624-23, FA67624-24, FA67624-25

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	89%	63-137%

Blank Spike Summary

Job Number: FA67624
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
OP76622-BS	DD108400.D	1	08/30/19	NM	08/30/19	OP76622	GDD3118

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67624-1, FA67624-2, FA67624-3, FA67624-4, FA67624-5, FA67624-6, FA67624-7, FA67624-8, FA67624-9, FA67624-10, FA67624-11, FA67624-12, FA67624-13, FA67624-14, FA67624-15, FA67624-16, FA67624-17, FA67624-18, FA67624-19, FA67624-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.22	88	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	88%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67624
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
OP76622-BS2	DD108401.D	1	08/30/19	NM	08/30/19	OP76622	GDD3118

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67624-1, FA67624-2, FA67624-3, FA67624-4, FA67624-5, FA67624-6, FA67624-7, FA67624-8, FA67624-9, FA67624-10, FA67624-11, FA67624-12, FA67624-13, FA67624-14, FA67624-15, FA67624-16, FA67624-17, FA67624-18, FA67624-19, FA67624-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.22	88	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	93%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67624
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
OP76623-BS	DD108429.D	1	08/30/19	NM	08/30/19	OP76623	GDD3118

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67624-21, FA67624-22, FA67624-23, FA67624-24, FA67624-25

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.23	92	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	84%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA67624
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
OP76623-MS	DD108432.D	1	08/30/19	NM	08/30/19	OP76623	GDD3118
FA67624-21	DD108431.D	1	08/30/19	NM	08/30/19	OP76623	GDD3118

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67624-21, FA67624-22, FA67624-23, FA67624-24, FA67624-25

CAS No.	Compound	FA67624-21 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.232	0.16	69*	72-134

CAS No.	Surrogate Recoveries	MS	FA67624-21	Limits
460-00-4	4-Bromofluorobenzene	68%	70%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA67624
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
OP76622-MS	CC063534.D	250	09/06/19	NM	08/30/19	OP76622	GCC1508
FA67624-1 [a]	CC063533.D	250	09/06/19	NM	08/30/19	OP76622	GCC1508

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67624-1, FA67624-2, FA67624-3, FA67624-4, FA67624-5, FA67624-6, FA67624-7, FA67624-8, FA67624-9, FA67624-10, FA67624-11, FA67624-12, FA67624-13, FA67624-14, FA67624-15, FA67624-16, FA67624-17, FA67624-18, FA67624-19, FA67624-20

CAS No.	Compound	FA67624-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	115		0.234	109	-2565* [b]	72-134

CAS No.	Surrogate Recoveries	MS	FA67624-1	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.

Duplicate Summary

Job Number: FA67624
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
OP76622-DUP	DD108406.D	1	08/30/19	NM	08/30/19	OP76622	GDD3118
FA67624-2	DD108405.D	1	08/30/19	NM	08/30/19	OP76622	GDD3118

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67624-1, FA67624-2, FA67624-3, FA67624-4, FA67624-5, FA67624-6, FA67624-7, FA67624-8, FA67624-9, FA67624-10, FA67624-11, FA67624-12, FA67624-13, FA67624-14, FA67624-15, FA67624-16, FA67624-17, FA67624-18, FA67624-19, FA67624-20

CAS No.	Compound	FA67624-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA67624-2	Limits
460-00-4	4-Bromofluorobenzene	78%	71%	63-137%

7.4.1

7

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA67624
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
OP76623-DUP	CC063547.D	2	09/06/19	NM	08/30/19	OP76623	GCC1508
FA67624-22 [a]	CC063546.D	2	09/06/19	NM	08/30/19	OP76623	GCC1508

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67624-21, FA67624-22, FA67624-23, FA67624-24, FA67624-25

CAS No.	Compound	FA67624-22 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	0.82		0.71		14	28

CAS No.	Surrogate Recoveries	DUP	FA67624-22	Limits
460-00-4	4-Bromofluorobenzene	92%	115%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

SGS

Orlando, FL

09/16/19

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: FA67807

Sampling Dates: 09/03/19 - 09/04/19

Report to:

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

Total number of pages in report: 98

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.

Sections: 1 2 3 4 5 6

Table of Contents

-1-

Section 1: Sample Summary 4
Section 2: Summary of Hits 7
Section 3: Sample Results 12
3.1: FA67807-1: 02261 MW-1 13
3.2: FA67807-2: 02261 MW-2 15
3.3: FA67807-3: 02261 MW-3 17
3.4: FA67807-4: 02261 MW-4 19
3.5: FA67807-5: 02261 MW-5 21
3.6: FA67807-6: 02261 MW-7 23
3.7: FA67807-7: 02261 MW-8 25
3.8: FA67807-8: 02261 MW-9 27
3.9: FA67807-9: 02261 MW-10 29
3.10: FA67807-10: 02261 MW-12 31
3.11: FA67807-11: 02261 MW-13 33
3.12: FA67807-12: 02261 MW-24 35
3.13: FA67807-13: 02261 MW-32 37
3.14: FA67807-14: 02261 MW-33 39
3.15: FA67807-15: 02261 MW-34 41
3.16: FA67807-16: 02261 MW-35 43
3.17: FA67807-17: 02261 TW-7 45
3.18: FA67807-18: 02261 TW-8 47
3.19: FA67807-19: 02261 TW-9 49
3.20: FA67807-20: 02261 TW-10 51
3.21: FA67807-21: 02261 DUP-A 53
3.22: FA67807-22: 02261 DUP-B 55
3.23: FA67807-23: 02261 DUP-C 57
3.24: FA67807-24: 02261 FIELD BLANK 4 59
3.25: FA67807-25: 02261 FIELD BLANK 5 61
3.26: FA67807-26: 02261 TRIP BLANK 2 63
3.27: FA67807-27: 02261 MW-14 64
Section 4: Misc. Forms 66
4.1: Certification Exceptions 67
4.2: Chain of Custody 68
Section 5: MS Volatiles - QC Data Summaries 72
5.1: Method Blank Summary 73
5.2: Blank Spike Summary 77
5.3: Matrix Spike/Matrix Spike Duplicate Summary 81
Section 6: GC Volatiles - QC Data Summaries 85
6.1: Method Blank Summary 86
6.2: Blank Spike Summary 89
6.3: Matrix Spike Summary 95
6.4: Matrix Spike/Matrix Spike Duplicate Summary 96

Table of Contents

6.5: Duplicate Summary 98

Sample Summary

GRI (Geological Resources Inc.)

Job No: FA67807

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
FA67807-1	09/04/19	08:39	AL	09/06/19	AQ	Ground Water	02261 MW-1
FA67807-2	09/04/19	16:20	AL	09/06/19	AQ	Ground Water	02261 MW-2
FA67807-3	09/04/19	14:59	AL	09/06/19	AQ	Ground Water	02261 MW-3
FA67807-4	09/04/19	15:36	AL	09/06/19	AQ	Ground Water	02261 MW-4
FA67807-5	09/04/19	15:52	AL	09/06/19	AQ	Ground Water	02261 MW-5
FA67807-6	09/04/19	10:30	AL	09/06/19	AQ	Ground Water	02261 MW-7
FA67807-7	09/04/19	10:54	AL	09/06/19	AQ	Ground Water	02261 MW-8
FA67807-8	09/04/19	11:16	AL	09/06/19	AQ	Ground Water	02261 MW-9
FA67807-9	09/04/19	08:59	AL	09/06/19	AQ	Ground Water	02261 MW-10
FA67807-10	09/04/19	14:16	AL	09/06/19	AQ	Ground Water	02261 MW-12
FA67807-11	09/04/19	14:39	AL	09/06/19	AQ	Ground Water	02261 MW-13
FA67807-12	09/04/19	16:27	AL	09/06/19	AQ	Ground Water	02261 MW-24

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA67807

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
FA67807-13	09/04/19	09:50	AL	09/06/19	AQ	Ground Water	02261 MW-32
FA67807-14	09/03/19	16:06	AL	09/06/19	AQ	Ground Water	02261 MW-33
FA67807-15	09/04/19	13:54	AL	09/06/19	AQ	Ground Water	02261 MW-34
FA67807-16	09/03/19	14:48	AL	09/06/19	AQ	Ground Water	02261 MW-35
FA67807-17	09/04/19	09:23	AL	09/06/19	AQ	Ground Water	02261 TW-7
FA67807-18	09/03/19	17:00	AL	09/06/19	AQ	Ground Water	02261 TW-8
FA67807-19	09/03/19	15:36	AL	09/06/19	AQ	Ground Water	02261 TW-9
FA67807-20	09/03/19	14:16	AL	09/06/19	AQ	Ground Water	02261 TW-10
FA67807-21	09/04/19	12:00	AL	09/06/19	AQ	Ground Water	02261 DUP-A
FA67807-22	09/04/19	12:01	AL	09/06/19	AQ	Ground Water	02261 DUP-B
FA67807-23	09/04/19	12:02	AL	09/06/19	AQ	Ground Water	02261 DUP-C
FA67807-24	09/03/19	09:10	AL	09/06/19	AQ	Field Blank Water	02261 FIELD BLANK 4
FA67807-25	09/04/19	07:30	AL	09/06/19	AQ	Field Blank Water	02261 FIELD BLANK 5

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA67807

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
FA67807-26	09/03/19	07:48	AL	09/06/19	AQ	Trip Blank Water	02261 TRIP BLANK 2
FA67807-27	09/04/19	13:31	AL	09/06/19	AQ	Ground Water	02261 MW-14

Summary of Hits

Job Number: FA67807
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 09/03/19 thru 09/04/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA67807-1	**02261 MW-1**					
Benzene		19200	250	78	ug/l	SW846 8260B
Toluene		2170	250	75	ug/l	SW846 8260B
Ethylbenzene		1210	250	89	ug/l	SW846 8260B
Xylene (total)		4960	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1740	250	57	ug/l	SW846 8260B
1,2-Dichloroethane		581	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		32800	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		34500	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.90	0.019	0.0095	ug/l	SW846 8011
FA67807-2	**02261 MW-2**					
No hits reported in this sample.						
FA67807-3	**02261 MW-3**					
No hits reported in this sample.						
FA67807-4	**02261 MW-4**					
1,2-Dibromoethane [b]		0.057	0.019	0.0093	ug/l	SW846 8011
FA67807-5	**02261 MW-5**					
No hits reported in this sample.						
FA67807-6	**02261 MW-7**					
No hits reported in this sample.						
FA67807-7	**02261 MW-8**					
No hits reported in this sample.						
FA67807-8	**02261 MW-9**					
No hits reported in this sample.						
FA67807-9	**02261 MW-10**					
Benzene		0.61 J	1.0	0.31	ug/l	SW846 8260B

Summary of Hits

Job Number: FA67807
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 09/03/19 thru 09/04/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA67807-10	**02261 MW-12**					
Benzene		17500	250	78	ug/l	SW846 8260B
Toluene		9090	250	75	ug/l	SW846 8260B
Ethylbenzene		2100	250	89	ug/l	SW846 8260B
Xylene (total)		10700	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		504	250	57	ug/l	SW846 8260B
Naphthalene		441 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		413	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		37000	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		4160 J	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		74.7	3.8	1.9	ug/l	SW846 8011
FA67807-11	**02261 MW-13**					
Benzene		3880	50	16	ug/l	SW846 8260B
Toluene		141	50	15	ug/l	SW846 8260B
Ethylbenzene		1050	50	18	ug/l	SW846 8260B
Xylene (total)		4210	150	36	ug/l	SW846 8260B
Naphthalene		465	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		21.1 J	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		4890	1000	260	ug/l	SW846 8260B
Tert-Butyl Alcohol		367 J	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		5.5	0.19	0.093	ug/l	SW846 8011
FA67807-12	**02261 MW-24**					
No hits reported in this sample.						
FA67807-13	**02261 MW-32**					
Benzene		46.7	1.0	0.31	ug/l	SW846 8260B
Xylene (total)		33.0	3.0	0.72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1.0	1.0	0.23	ug/l	SW846 8260B
1,2-Dichloroethane		0.62 J	1.0	0.31	ug/l	SW846 8260B
Tert-Amyl Alcohol		106	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		15.6 J	20	5.3	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.014 J	0.019	0.0093	ug/l	SW846 8011
FA67807-14	**02261 MW-33**					
Benzene		3080	50	16	ug/l	SW846 8260B
Ethylbenzene		149	50	18	ug/l	SW846 8260B
Xylene (total)		1470	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		153	50	11	ug/l	SW846 8260B

Summary of Hits

Job Number: FA67807
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 09/03/19 thru 09/04/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Naphthalene		416	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		72.7	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		3760	1000	260	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		12.4 J	100	12	ug/l	SW846 8260B
Tert-Butyl Alcohol		451 J	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		5.7	0.19	0.093	ug/l	SW846 8011
FA67807-15	**02261 MW-34**					
Benzene		0.62 J	1.0	0.31	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1.1	1.0	0.23	ug/l	SW846 8260B
Tert-Amyl Alcohol		33.0	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		26.7	20	5.3	ug/l	SW846 8260B
FA67807-16	**02261 MW-35**					
No hits reported in this sample.						
FA67807-17	**02261 TW-7**					
Benzene		3.3	1.0	0.31	ug/l	SW846 8260B
Methyl Tert Butyl Ether		0.46 J	1.0	0.23	ug/l	SW846 8260B
Tert-Amyl Alcohol		12.1 J	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		7.9 J	20	5.3	ug/l	SW846 8260B
FA67807-18	**02261 TW-8**					
Benzene		240	10	3.1	ug/l	SW846 8260B
Ethylbenzene		257	10	3.6	ug/l	SW846 8260B
Xylene (total)		207	30	7.2	ug/l	SW846 8260B
Methyl Tert Butyl Ether		592	10	2.3	ug/l	SW846 8260B
Naphthalene		209	50	10	ug/l	SW846 8260B
1,2-Dichloroethane		112	10	3.1	ug/l	SW846 8260B
Tert-Amyl Alcohol		1620	200	53	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		24.9	20	2.4	ug/l	SW846 8260B
Tert-Butyl Alcohol		702	200	53	ug/l	SW846 8260B
FA67807-19	**02261 TW-9**					
Benzene		1.3	1.0	0.31	ug/l	SW846 8260B
Tert-Amyl Alcohol		15.1 J	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		10.4 J	20	5.3	ug/l	SW846 8260B

Summary of Hits

Job Number: FA67807
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 09/03/19 thru 09/04/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA67807-20	**02261 TW-10**					
No hits reported in this sample.						
FA67807-21	**02261 DUP-A**					
Benzene		17400	250	78	ug/l	SW846 8260B
Toluene		2250	250	75	ug/l	SW846 8260B
Ethylbenzene		1270	250	89	ug/l	SW846 8260B
Xylene (total)		5430	750	180	ug/l	SW846 8260B
Methyl Tert Butyl Ether		1900	250	57	ug/l	SW846 8260B
Naphthalene		282 J	1300	250	ug/l	SW846 8260B
1,2-Dichloroethane		535	250	78	ug/l	SW846 8260B
Tert-Amyl Alcohol		37000	5000	1300	ug/l	SW846 8260B
Tert-Butyl Alcohol		40000	5000	1300	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.90	0.093	0.046	ug/l	SW846 8011
FA67807-22	**02261 DUP-B**					
Benzene		9940	250	78	ug/l	SW846 8260B
Toluene		15900	250	75	ug/l	SW846 8260B
Ethylbenzene		1220	100	36	ug/l	SW846 8260B
Xylene (total)		8910	300	72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		152	100	23	ug/l	SW846 8260B
Naphthalene		410 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		202	100	31	ug/l	SW846 8260B
Tert-Amyl Alcohol		13800	2000	530	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		26.7 J	200	24	ug/l	SW846 8260B
Tert-Butyl Alcohol		1040 J	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		129	19	9.3	ug/l	SW846 8011
FA67807-23	**02261 DUP-C**					
Benzene		17700	250	78	ug/l	SW846 8260B
Toluene		2940	100	30	ug/l	SW846 8260B
Ethylbenzene		2080	100	36	ug/l	SW846 8260B
Xylene (total)		12300	300	72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		521	100	23	ug/l	SW846 8260B
Naphthalene		448 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		433	100	31	ug/l	SW846 8260B
Tert-Amyl Alcohol		41000	2000	530	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		35.2 J	200	24	ug/l	SW846 8260B
Tert-Butyl Alcohol		4330	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		83.4	1.9	0.93	ug/l	SW846 8011

2

Summary of Hits

Job Number: FA67807
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 09/03/19 thru 09/04/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA67807-24	**02261 FIELD BLANK 4**					
No hits reported in this sample.						
FA67807-25	**02261 FIELD BLANK 5**					
No hits reported in this sample.						
FA67807-26	**02261 TRIP BLANK 2**					
No hits reported in this sample.						
FA67807-27	**02261 MW-14**					
Benzene		10700	200	62	ug/l	SW846 8260B
Toluene		15700	200	60	ug/l	SW846 8260B
Ethylbenzene		1080	200	71	ug/l	SW846 8260B
Xylene (total)		7920	600	140	ug/l	SW846 8260B
Methyl Tert Butyl Ether		144 J	200	46	ug/l	SW846 8260B
Naphthalene		376 J	1000	200	ug/l	SW846 8260B
1,2-Dichloroethane		195 J	200	62	ug/l	SW846 8260B
Tert-Amyl Alcohol		13100	4000	1100	ug/l	SW846 8260B
1,2-Dibromoethane [a]		129	19	9.3	ug/l	SW846 8011

(a) All hits confirmed by dual column analysis.
(b) All hits confirmed by dual column analysis. Quantitation between primary and confirmation differed by > 40%. Lower value reported due to possible coelution.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-1		
Lab Sample ID:	FA67807-1	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21206.D	250	09/11/19 00:12	CV	n/a	n/a	V1A858
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	19200	250	78	ug/l	
108-88-3	Toluene	2170	250	75	ug/l	
100-41-4	Ethylbenzene	1210	250	89	ug/l	
1330-20-7	Xylene (total)	4960	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1740	250	57	ug/l	
91-20-3	Naphthalene	ND	1300	250	ug/l	
107-06-2	1,2-Dichloroethane	581	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	32800	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	34500	5000	1300	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	5000	1300	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-1		
Lab Sample ID:	FA67807-1	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063698.D	1	09/12/19 00:43	NM	09/09/19 13:00	OP76738	GCC1513
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.90	0.019	0.0095	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-2		
Lab Sample ID:	FA67807-2	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21207.D	1	09/11/19 00:37	CV	n/a	n/a	V1A858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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

3.2

Client Sample ID:	02261 MW-2		
Lab Sample ID:	FA67807-2	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063701.D	1	09/12/19 01:42	NM	09/09/19 13:00	OP76738	GCC1513
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	ND	0.019	0.0093	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-3		
Lab Sample ID:	FA67807-3	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21208.D	1	09/11/19 01:03	CV	n/a	n/a	V1A858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-3		
Lab Sample ID:	FA67807-3	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063702.D	1	09/12/19 02:02	NM	09/09/19 13:00	OP76738	GCC1513
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	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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-4		
Lab Sample ID:	FA67807-4	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21209.D	1	09/11/19 01:29	CV	n/a	n/a	V1A858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-4		
Lab Sample ID:	FA67807-4	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063703.D	1	09/12/19 02:22	NM	09/09/19 13:00	OP76738	GCC1513
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 [b]	0.057	0.019	0.0093	ug/l	

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

(a) All hits confirmed by dual column analysis.
(b) Quantitation between primary and confirmation differed by > 40%. Lower value reported due to possible coelution.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	FA67807-5	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21210.D	1	09/11/19 01:55	CV	n/a	n/a	V1A858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-5		
Lab Sample ID:	FA67807-5	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063704.D	1	09/12/19 02:41	NM	09/09/19 13:00	OP76738	GCC1513
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	79%		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-7		
Lab Sample ID:	FA67807-6	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21211.D	1	09/11/19 02:21	CV	n/a	n/a	V1A858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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:	FA67807-6	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063705.D	1	09/12/19 03:01	NM	09/09/19 13:00	OP76738	GCC1513
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	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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-8		
Lab Sample ID:	FA67807-7	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21212.D	1	09/11/19 02:46	CV	n/a	n/a	V1A858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-8		
Lab Sample ID:	FA67807-7	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063706.D	1	09/12/19 03:21	NM	09/09/19 13:00	OP76738	GCC1513
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	79%		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:	FA67807-8	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21213.D	1	09/11/19 03:12	CV	n/a	n/a	V1A858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-9		
Lab Sample ID:	FA67807-8	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063707.D	1	09/12/19 03:41	NM	09/09/19 13:00	OP76738	GCC1513
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	76%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-10		
Lab Sample ID:	FA67807-9	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21216.D	1	09/11/19 04:30	CV	n/a	n/a	V1A858
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	0.61	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	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	ND	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	50	10	ug/l	
64-17-5	Ethyl Alcohol	ND	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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:	FA67807-9	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063708.D	1	09/12/19 04:00	NM	09/09/19 13:00	OP76738	GCC1513
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	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

SGS North America Inc.

Report of Analysis

3.10

Client Sample ID:	02261 MW-12		
Lab Sample ID:	FA67807-10	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21217.D	250	09/11/19 04:55	CV	n/a	n/a	V1A858
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	17500	250	78	ug/l	
108-88-3	Toluene	9090	250	75	ug/l	
100-41-4	Ethylbenzene	2100	250	89	ug/l	
1330-20-7	Xylene (total)	10700	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	504	250	57	ug/l	
91-20-3	Naphthalene	441	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	413	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	37000	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	4160	5000	1300	ug/l	J
762-75-4	Tert-Butyl Formate [a]	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	96%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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

3.10

Client Sample ID:	02261 MW-12		
Lab Sample ID:	FA67807-10	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063739.D	200	09/12/19 14:18	NM	09/09/19 13:00	OP76738	GCC1513
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	74.7	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 MW-13		
Lab Sample ID:	FA67807-11	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21218.D	50	09/11/19 05:21	CV	n/a	n/a	V1A858
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	3880	50	16	ug/l	
108-88-3	Toluene	141	50	15	ug/l	
100-41-4	Ethylbenzene	1050	50	18	ug/l	
1330-20-7	Xylene (total)	4210	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	11	ug/l	
91-20-3	Naphthalene	465	250	50	ug/l	
107-06-2	1,2-Dichloroethane	21.1	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	4890	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	367	1000	270	ug/l	J
762-75-4	Tert-Butyl Formate [a]	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	89%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-13		
Lab Sample ID:	FA67807-11	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063740.D	10	09/12/19 14:38	NM	09/09/19 13:00	OP76738	GCC1513
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	5.5	0.19	0.093	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:	FA67807-12	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21219.D	1	09/11/19 05:47	CV	n/a	n/a	V1A858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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:	FA67807-12	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063716.D	1	09/12/19 06:38	NM	09/10/19 10:30	OP76753	GCC1513
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW-32		
Lab Sample ID:	FA67807-13	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21220.D	1	09/11/19 06:13	CV	n/a	n/a	V1A858
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	46.7	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)	33.0	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.0	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.62	1.0	0.31	ug/l	J
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	106	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	15.6	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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

3.13

Client Sample ID:	02261 MW-32		
Lab Sample ID:	FA67807-13	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063718.D	1	09/12/19 07:18	NM	09/10/19 10:30	OP76753	GCC1513
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.014	0.019	0.0093	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	73%		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-33		
Lab Sample ID:	FA67807-14	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21221.D	50	09/11/19 06:39	CV	n/a	n/a	V1A858
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	3080	50	16	ug/l	
108-88-3	Toluene	ND	50	15	ug/l	
100-41-4	Ethylbenzene	149	50	18	ug/l	
1330-20-7	Xylene (total)	1470	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	153	50	11	ug/l	
91-20-3	Naphthalene	416	250	50	ug/l	
107-06-2	1,2-Dichloroethane	72.7	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	3760	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	12.4	100	12	ug/l	J
75-65-0	Tert-Butyl Alcohol	451	1000	270	ug/l	J
762-75-4	Tert-Butyl Formate [a]	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-33		
Lab Sample ID:	FA67807-14	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063741.D	10	09/12/19 14:58	NM	09/10/19 10:30	OP76753	GCC1513
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	5.7	0.19	0.093	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

3.15

Client Sample ID:	02261 MW-34		
Lab Sample ID:	FA67807-15	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21222.D	1	09/11/19 07:05	CV	n/a	n/a	V1A858
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	0.62	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	1.1	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	33.0	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	26.7	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-34		
Lab Sample ID:	FA67807-15	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063721.D	1	09/12/19 08:18	NM	09/10/19 10:30	OP76753	GCC1513
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	ND	0.019	0.0093	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 MW-35		
Lab Sample ID:	FA67807-16	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21223.D	1	09/11/19 07:31	CV	n/a	n/a	V1A858
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	89%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-35		
Lab Sample ID:	FA67807-16	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063722.D	1	09/12/19 08:38	NM	09/10/19 10:30	OP76753	GCC1513
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	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-7		
Lab Sample ID:	FA67807-17	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21244.D	1	09/11/19 17:26	CV	n/a	n/a	V1A859
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.3	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.46	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	12.1	20	5.3	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	7.9	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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 TW-7		
Lab Sample ID:	FA67807-17	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063725.D	1	09/12/19 09:37	NM	09/10/19 10:30	OP76753	GCC1513
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	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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW-8		
Lab Sample ID:	FA67807-18	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21263.D	10	09/12/19 13:25	CV	n/a	n/a	V1A861
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	240	10	3.1	ug/l	
108-88-3	Toluene	ND	10	3.0	ug/l	
100-41-4	Ethylbenzene	257	10	3.6	ug/l	
1330-20-7	Xylene (total)	207	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	592	10	2.3	ug/l	
91-20-3	Naphthalene	209	50	10	ug/l	
107-06-2	1,2-Dichloroethane	112	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	1620	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	24.9	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	702	200	53	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	200	50	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	97%		79-125%
2037-26-5	Toluene-D8	89%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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

3.18

Client Sample ID:	02261 TW-8		
Lab Sample ID:	FA67807-18	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063726.D	1	09/12/19 09:57	NM	09/10/19 10:30	OP76753	GCC1513
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	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

3.19

Client Sample ID:	02261 TW-9		
Lab Sample ID:	FA67807-19	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21260.D	1	09/12/19 12:07	CV	n/a	n/a	V1A861
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.3	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	15.1	20	5.3	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	10.4	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate [a]	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	88%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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 TW-9		
Lab Sample ID:	FA67807-19	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063727.D	1	09/12/19 10:17	NM	09/10/19 10:30	OP76753	GCC1513
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	ND	0.019	0.0093	ug/l	

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW-10		
Lab Sample ID:	FA67807-20	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21247.D	1	09/11/19 18:43	CV	n/a	n/a	V1A859
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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

3.20

Client Sample ID:	02261 TW-10		
Lab Sample ID:	FA67807-20	**Date Sampled:**	09/03/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	CC063728.D	1	09/12/19 10:37	NM	09/10/19 10:30	OP76753	GCC1513
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	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 DUP-A		
Lab Sample ID:	FA67807-21	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	P66290.D	250	09/09/19 12:12	AJ	n/a	n/a	VP2554
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	17400	250	78	ug/l	
108-88-3	Toluene	2250	250	75	ug/l	
100-41-4	Ethylbenzene	1270	250	89	ug/l	
1330-20-7	Xylene (total)	5430	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1900	250	57	ug/l	
91-20-3	Naphthalene	282	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	535	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	37000	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	40000	5000	1300	ug/l	
762-75-4	Tert-Butyl Formate [a]	ND	5000	1300	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	96%		83-118%

(a) 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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 DUP-A		
Lab Sample ID:	FA67807-21	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063738.D	5	09/12/19 13:58	NM	09/09/19 10:00	OP76737	GCC1513
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	0.90	0.093	0.046	ug/l	

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

3.22



Client Sample ID:	02261 DUP-B		
Lab Sample ID:	FA67807-22	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21248.D	100	09/11/19 19:09	CV	n/a	n/a	V1A859
Run #2	1A21264.D	250	09/12/19 13:51	CV	n/a	n/a	V1A861

	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	9940 [a]	250	78	ug/l	
108-88-3	Toluene	15900 [a]	250	75	ug/l	
100-41-4	Ethylbenzene	1220	100	36	ug/l	
1330-20-7	Xylene (total)	8910	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	152	100	23	ug/l	
91-20-3	Naphthalene	410	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	202	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	13800	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	26.7	200	24	ug/l	J
75-65-0	Tert-Butyl Alcohol	1040	2000	530	ug/l	J
762-75-4	Tert-Butyl Formate [b]	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	96%	79-125%
2037-26-5	Toluene-D8	90%	90%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	83-118%

(a) Result is from Run# 2
(b) Associated ICV and CCV outside control limits high, however sample 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 DUP-B		
Lab Sample ID:	FA67807-22	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063752.D	1000	09/13/19 11:07	NM	09/10/19 10:30	OP76753	GCC1514
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	129	19	9.3	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:	FA67807-23	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21249.D	100	09/11/19 19:35	CV	n/a	n/a	V1A859
Run #2	1A21265.D	250	09/12/19 14:17	CV	n/a	n/a	V1A861

	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	17700 [a]	250	78	ug/l	
108-88-3	Toluene	2940	100	30	ug/l	
100-41-4	Ethylbenzene	2080	100	36	ug/l	
1330-20-7	Xylene (total)	12300	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	521	100	23	ug/l	
91-20-3	Naphthalene	448	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	433	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	41000	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	35.2	200	24	ug/l	J
75-65-0	Tert-Butyl Alcohol	4330	2000	530	ug/l	
762-75-4	Tert-Butyl Formate [b]	ND	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	96%	79-125%
2037-26-5	Toluene-D8	89%	89%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	83-118%

(a) Result is from Run# 2
(b) Associated ICV and CCV outside control limits high, however sample 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 DUP-C		
Lab Sample ID:	FA67807-23	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063753.D	100	09/13/19 11:27	NM	09/10/19 10:30	OP76753	GCC1514
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	83.4	1.9	0.93	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 FIELD BLANK 4		
Lab Sample ID:	FA67807-24	**Date Sampled:**	09/03/19
Matrix:	AQ - Field Blank Water	**Date Received:**	09/06/19
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	1A21232.D	1	09/11/19 12:16	CV	n/a	n/a	V1A859
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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 FIELD BLANK 4		
Lab Sample ID:	FA67807-24	**Date Sampled:**	09/03/19
Matrix:	AQ - Field Blank Water	**Date Received:**	09/06/19
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	CC063731.D	1	09/12/19 11:37	NM	09/10/19 10:30	OP76753	GCC1513
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	73%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 FIELD BLANK 5		
Lab Sample ID:	FA67807-25	**Date Sampled:**	09/04/19
Matrix:	AQ - Field Blank Water	**Date Received:**	09/06/19
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	1A21233.D	1	09/11/19 12:42	CV	n/a	n/a	V1A859
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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

3.25

Client Sample ID:	02261 FIELD BLANK 5		
Lab Sample ID:	FA67807-25	**Date Sampled:**	09/04/19
Matrix:	AQ - Field Blank Water	**Date Received:**	09/06/19
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	CC063732.D	1	09/12/19 11:57	NM	09/10/19 10:30	OP76753	GCC1513
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	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 TRIP BLANK 2		
Lab Sample ID:	FA67807-26	**Date Sampled:**	09/03/19
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/06/19
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	1A21234.D	1	09/11/19 13:07	CV	n/a	n/a	V1A859
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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-14		
Lab Sample ID:	FA67807-27	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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	1A21250.D	200	09/11/19 20:01	CV	n/a	n/a	V1A859
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	10700	200	62	ug/l	
108-88-3	Toluene	15700	200	60	ug/l	
100-41-4	Ethylbenzene	1080	200	71	ug/l	
1330-20-7	Xylene (total)	7920	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	144	200	46	ug/l	J
91-20-3	Naphthalene	376	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	195	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	13100	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 [a]	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	90%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated ICV and CCV outside control limits high, however sample 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

2127

Client Sample ID:	02261 MW-14		
Lab Sample ID:	FA67807-27	**Date Sampled:**	09/04/19
Matrix:	AQ - Ground Water	**Date Received:**	09/06/19
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]	CC063754.D	1000	09/13/19 11:47	NM	09/10/19 10:30	OP76753	GCC1514
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	129	19	9.3	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

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

Parameter Certification Exceptions

Job Number: FA67807
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 North America Inc - Orlando
Chain of Custody

FA67807

SGS - ORLANDO JOB #: PAGE 1 OF 3

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

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

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

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601 North
City: Pageland State: NC & SC
Project #: 3289
P.w.s. UST Permit #02261
Client Purchase Order #

Analytical Information

EDB by 8011
BTEX, MTBE, naphthalene, 1,2-DCA, & ispropanol by 8260

Matrix Codes

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

SGS Orlando Sample #	Field ID / Point of Collection		COLLECTION DATE	TIME	SAMPLED BY	MATRIX	CONTAINER INFORMATION TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MeOH	EDB by 8011	BTEX, MTBE, naphthalene, 1,2-DCA, & ispropanol by 8260	LAB USE ONLY
1	02261	MW-1	9/4/19	0839	AL	GW	5			X							X	X	
2	02261	MW-2	9/4/19	1620	AL	GW	5			X							X	X	
3	02261	MW-3	9/4/19	1459	AL	GW	5			X							X	X	
4	02261	MW-4	9/4/19	1536	AL	GW	5			X							X	X	
5	02261	MW-5	9/4/19	1552	AL	GW	5			X							X	X	
6	02261	MW-7	9/4/19	1030	AL	GW	5			X							X	X	
7	02261	MW-8	9/4/19	1054	AL	GW	5			X							X	X	
8	02261	MW-9	9/4/19	1116	AL	GW	5			X							X	X	
9	02261	MW-10	9/4/19	0959	AL	GW	5			X							X	X	
10	02261	MW-12 (Hot)	9/4/19	1416	AL	GW	5			X							X	X	
11	02261	MW-13 (Hot)	9/4/19	1439	AL	GW	5			X							X	X	
12	02261	MW-14 (Hot)	9/4/19	1331	AL	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 Labink

Date 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

UST Management Program
SCDHEC UST Permit #02261
F.B.5 and T.B.2 were made with Aquafina

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	9/5/19	2 FedEx 1009 0577 3463	3		4
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

Lab Use Only: Cooler Temperature (s) Celsius (corrected): 2.6

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

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

4.2 4

FA67807: Chain of Custody
Page 1 of 4

SGS North America Inc - Orlando

Chain of Custody

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

SGS - ORLANDO JOB # :

PAGE 2 OF 3

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: wbb@
Phone #: 704-845-4410
Sampler(s) Name(s) (Printed)
Sampler 1: Alex Lin Sampler 2:

Project Information

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

Analytical Information

1. EDB by 8011
2. BTEX, MTBE, Naphthalene, 1,2-DCA, & oxygenates by 8260

Matrix Codes

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

	SGS Orlando Sample #	Field ID / Point of Collection		COLLECTION DATE	TIME	SAMPLED BY	MATRIX	CONTAINER INFORMATION TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MeOH	1.	2.	LAB USE ONLY
12	12	02261 MW-24		9/4/19	1627	AL	GW	5			X							X	X	
13	13	02261 MW-32		9/4/19	0950	AL	GW	5			X							X	X	
14	15	02261 MW-33	(Hot)	9/3/19	1606	AL	GW	5			X							X	X	
15	16	02261 MW-34		9/4/19	1354	AL	GW	5			X							X	X	
16	17	02261 MW-35		9/3/19	1448	AL	GW	5			X							X	X	
17	18	02261 TW-7		9/4/19	0923	AL	GW	5			X							X	X	
18	19	02261 TW-8	(Hot)	9/3/19	1700	AL	GW	5			X							X	X	
19	20	02261 TW-9		9/3/19	1536	AL	GW	5			X							X	X	
20	21	02261 TW-10		9/3/19	1416	AL	GW	5			X							X	X	
21	22	02261 DUP-A	(Hot)	9/2/19	1200	AL	GW	5			X							X	X	
22	23	02261 DUP-B	(Hot)	9/4/19	1201	AL	GW	5			X							X	X	
23	24	02261 DUP-C	(Hot)	9/4/19	1202	AL	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

UST Management Program
SCDHEC UST Permit #02261
F.B.5 and T.B.2 were made with Aquafina.

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		9/6/19	2 FedEx 1009 6377 3463	3		4
	Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
	5		6	7		8

Lab Use Only · Cooler Temperature (s) Celsius (corrected).

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

ORLD-SMT-0001-03-FORM-COC (1) Rev 031318

4.2 4

FA67807: Chain of Custody
Page 2 of 4

SGS North America Inc - Orlando
Chain of Custody

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

SGS - ORLANDO JOB # : PAGE 3 OF 3

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: wsb@
Phone #: 704-845-4010
Sampler(s) Name(s) (Printed)
Sampler 1: Alex Lin Sampler 2:

Project Information

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

Analytical Information

EDB by 8011 | BTEX, MTBE, naphthalene, 1,2-DCA, 8 oxygenates by 8000

Matrix Codes

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

	SGS Orlando Sample #	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	Total # of Bottles	Other	None	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI Water	MeOH	EDB by 8011	BTEX, MTBE, naphthalene, 1,2-DCA, 8 oxygenates by 8000	LAB USE ONLY
24	25	02261 Field Blank 4	9/3/19	0910	AL	LIQ	5			X							X	X	
25	26	02261 Field Blank 5	9/4/19	0730	AL	LIQ	5			X							X	X	
26	27	02261 Trip Blank 2	9/3/19	0748	AL	LIQ	2			X								X	

Turnaround Time (Business days)

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

Data Deliverable Information

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

Comments / Remarks

UST Management Program
SCDHEC UST Permit #02261
F.B. 5 and T.B. 2 were made with Aquatina.

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]	9/5/19	2 FedEx 100963773463	3		4
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

4.2 4

FA67807: Chain of Custody
Page 3 of 4

SGS Sample Receipt Summary

Job Number: FA67807 **Client:** GEOLOGICAL RESOURCES INC. **Project:** CAROLINA COUNTY CONVIENCE

Date / Time Received: 9/6/2019 9:30:00 AM **Delivery Method:** FED EX **Airbill #'s:**

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

Cooler Temps (Raw Measured) °C: Cooler 1: (1.6);

Cooler Temps (Corrected) °C: Cooler 1: (2.6),

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

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

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

Misc. Information

Number of Encores 25-Gram _____ 5-Gram _____ 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 COC list collection date for sample 02261 DUP A as 8/26/19. However label on vials list collection date as 9/4/19

SM001
Rev Date 05/24/17

Technician PhilipD Date 9/6/2019 9:30:00 AM Reviewer _____ Date _____

Responded to by Muna Mohammed Response Date 9/9/19

Per client collection date is 9/4/19.

4.2
4

FA67807: Chain of Custody
Page 4 of 4

MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA67807
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
VP2554-MB	P66287.D	1	09/09/19	AJ	n/a	n/a	VP2554

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

FA67807-21

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	79-125%
2037-26-5	Toluene-D8	101%	85-112%
460-00-4	4-Bromofluorobenzene	94%	83-118%

Method Blank Summary

Job Number: FA67807
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
V1A858-MB	1A21204.D	1	09/10/19	CV	n/a	n/a	V1A858

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

FA67807-1, FA67807-2, FA67807-3, FA67807-4, FA67807-5, FA67807-6, FA67807-7, FA67807-8, FA67807-9, FA67807-10, FA67807-11, FA67807-12, FA67807-13, FA67807-14, FA67807-15, FA67807-16

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	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	91%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Method Blank Summary

Job Number: FA67807
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
V1A859-MB	1A21229.D	1	09/11/19	CV	n/a	n/a	V1A859

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

FA67807-17, FA67807-20, FA67807-22, FA67807-23, FA67807-24, FA67807-25, FA67807-26, FA67807-27

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	90%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Method Blank Summary

Job Number: FA67807
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
V1A861-MB	1A21258.D	1	09/12/19	CV	n/a	n/a	V1A861

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

FA67807-18, FA67807-19, FA67807-22, FA67807-23

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	94%	79-125%
2037-26-5	Toluene-D8	90%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

Blank Spike Summary

Job Number: FA67807
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
VP2554-BS	P66285.D	1	09/09/19	AJ	n/a	n/a	VP2554

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

FA67807-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.6	102	81-122
107-06-2	1,2-Dichloroethane	25	24.6	98	75-125
108-20-3	Di-Isopropyl Ether	25	21.4	86	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1120	90	55-126
64-17-5	Ethyl Alcohol	500	535	107	46-145
100-41-4	Ethylbenzene	25	26.8	107	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.3	81	71-120
1634-04-4	Methyl Tert Butyl Ether	25	21.7	87	72-117
91-20-3	Naphthalene	25	24.4	98	63-132
75-85-4	Tert-Amyl Alcohol	250	242	97	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.4	90	73-122
75-65-0	Tert-Butyl Alcohol	250	244	98	63-129
762-75-4	Tert-Butyl Formate	250	103	41*	46-130
108-88-3	Toluene	25	25.9	104	80-120
1330-20-7	Xylene (total)	75	80.5	107	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67807
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
V1A858-BS	1A21203.D	1	09/10/19	CV	n/a	n/a	V1A858

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

FA67807-1, FA67807-2, FA67807-3, FA67807-4, FA67807-5, FA67807-6, FA67807-7, FA67807-8, FA67807-9, FA67807-10, FA67807-11, FA67807-12, FA67807-13, FA67807-14, FA67807-15, FA67807-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.8	103	81-122
107-06-2	1,2-Dichloroethane	25	26.0	104	75-125
108-20-3	Di-Isopropyl Ether	25	19.7	79	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	949	76	55-126
64-17-5	Ethyl Alcohol	500	442	88	46-145
100-41-4	Ethylbenzene	25	23.1	92	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.2	81	71-120
1634-04-4	Methyl Tert Butyl Ether	25	21.7	87	72-117
91-20-3	Naphthalene	25	20.6	82	63-132
75-85-4	Tert-Amyl Alcohol	250	202	81	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.2	89	73-122
75-65-0	Tert-Butyl Alcohol	250	184	74	63-129
762-75-4	Tert-Butyl Formate	250	125	50	46-130
108-88-3	Toluene	25	21.6	86	80-120
1330-20-7	Xylene (total)	75	67.3	90	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	79-125%
2037-26-5	Toluene-D8	89%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67807
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
V1A859-BS	1A21228.D	1	09/11/19	CV	n/a	n/a	V1A859

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

FA67807-17, FA67807-20, FA67807-22, FA67807-23, FA67807-24, FA67807-25, FA67807-26, FA67807-27

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.5	106	81-122
107-06-2	1,2-Dichloroethane	25	26.5	106	75-125
108-20-3	Di-Isopropyl Ether	25	20.1	80	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	933	75	55-126
64-17-5	Ethyl Alcohol	500	437	87	46-145
100-41-4	Ethylbenzene	25	23.5	94	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.5	82	71-120
1634-04-4	Methyl Tert Butyl Ether	25	21.9	88	72-117
91-20-3	Naphthalene	25	20.4	82	63-132
75-85-4	Tert-Amyl Alcohol	250	199	80	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.5	90	73-122
75-65-0	Tert-Butyl Alcohol	250	196	78	63-129
762-75-4	Tert-Butyl Formate	250	126	50	46-130
108-88-3	Toluene	25	21.9	88	80-120
1330-20-7	Xylene (total)	75	68.6	91	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	108%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	88% [a]	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

(a) Outside DOD QSM control limits.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67807
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
V1A861-BS	1A21257.D	1	09/12/19	CV	n/a	n/a	V1A861

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

FA67807-18, FA67807-19, FA67807-22, FA67807-23

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.4	110	81-122
107-06-2	1,2-Dichloroethane	25	27.0	108	75-125
108-20-3	Di-Isopropyl Ether	25	20.9	84	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	961	77	55-126
64-17-5	Ethyl Alcohol	500	436	87	46-145
100-41-4	Ethylbenzene	25	24.4	98	81-121
637-92-3	Ethyl Tert Butyl Ether	25	21.3	85	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.7	91	72-117
91-20-3	Naphthalene	25	21.1	84	63-132
75-85-4	Tert-Amyl Alcohol	250	207	83	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.4	94	73-122
75-65-0	Tert-Butyl Alcohol	250	208	83	63-129
762-75-4	Tert-Butyl Formate	250	127	51	46-130
108-88-3	Toluene	25	22.7	91	80-120
1330-20-7	Xylene (total)	75	71.2	95	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	108%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	88% [a]	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

(a) Outside DOD QSM control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67807
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
FA67656-2MS	P66296.D	5	09/09/19	AJ	n/a	n/a	VP2554
FA67656-2MSD	P66297.D	5	09/09/19	AJ	n/a	n/a	VP2554
FA67656-2	P66292.D	1	09/09/19	AJ	n/a	n/a	VP2554

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

FA67807-21

CAS No.	Compound	FA67656-2 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	134	107	125	133	106	1	81-122/14
107-06-2	1,2-Dichloroethane	1.0	U	125	128	102	125	129	103	1	75-125/14
108-20-3	Di-Isopropyl Ether	1.0	U	125	109	87	125	110	88	1	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50	U	6250	5840	93	6250	5780	92	1	55-126/17
64-17-5	Ethyl Alcohol	200	U	2500	2460	98	2500	2550	102	4	46-145/30
100-41-4	Ethylbenzene	1.0	U	125	139	111	125	137	110	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0	U	125	103	82	125	103	82	0	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	128	102	125	125	100	2	63-132/25
75-85-4	Tert-Amyl Alcohol	20	U	1250	1240	99	1250	1230	98	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0	U	125	119	95	125	119	95	0	73-122/13
75-65-0	Tert-Butyl Alcohol	20	U	1250	1240	99	1250	1280	102	3	63-129/27
762-75-4	Tert-Butyl Formate	20	U	1250	502	40*	1250	488	39*	3	46-130/33
108-88-3	Toluene	1.0	U	125	134	107	125	133	106	1	80-120/14
1330-20-7	Xylene (total)	3.0	U	375	423	113	375	415	111	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67656-2	Limits
1868-53-7	Dibromofluoromethane	101%	101%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	106%	104%	79-125%
2037-26-5	Toluene-D8	104%	102%	99%	85-112%
460-00-4	4-Bromofluorobenzene	98%	96%	95%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67807
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
FA67807-1MS	1A21214.D	500	09/11/19	CV	n/a	n/a	V1A858
FA67807-1MSD	1A21215.D	500	09/11/19	CV	n/a	n/a	V1A858
FA67807-1	1A21206.D	250	09/11/19	CV	n/a	n/a	V1A858

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

FA67807-1, FA67807-2, FA67807-3, FA67807-4, FA67807-5, FA67807-6, FA67807-7, FA67807-8, FA67807-9, FA67807-10, FA67807-11, FA67807-12, FA67807-13, FA67807-14, FA67807-15, FA67807-16

CAS No.	Compound	FA67807-1 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	19200		12500	33700	116	12500	33300	113	1	81-122/14
107-06-2	1,2-Dichloroethane	581		12500	14100	108	12500	13900	107	1	75-125/14
108-20-3	Di-Isopropyl Ether	ND		12500	9810	78	12500	9840	79	0	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		625000	492000	79	625000	471000	75	4	55-126/17
64-17-5	Ethyl Alcohol	ND		250000	214000	86	250000	208000	83	3	46-145/30
100-41-4	Ethylbenzene	1210		12500	12900	94	12500	12800	93	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		12500	10000	80	12500	10100	81	1	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1740		12500	12900	89	12500	13100	91	2	72-117/14
91-20-3	Naphthalene	ND		12500	10400	83	12500	11100	89	7	63-132/25
75-85-4	Tert-Amyl Alcohol	32800		125000	144000	89	125000	140000	86	3	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		12500	11200	90	12500	11300	90	1	73-122/13
75-65-0	Tert-Butyl Alcohol	34500		125000	127000	74	125000	124000	72	2	63-129/27
762-75-4	Tert-Butyl Formate	ND		125000	61400	49	125000	62800	50	2	46-130/33
108-88-3	Toluene	2170		12500	13000	87	12500	13000	87	0	80-120/14
1330-20-7	Xylene (total)	4960		37500	39400	92	37500	39300	92	0	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67807-1	Limits
1868-53-7	Dibromofluoromethane	108%	108%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	104%	97%	79-125%
2037-26-5	Toluene-D8	88%	89%	91%	85-112%
460-00-4	4-Bromofluorobenzene	96%	97%	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67807
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
FA67803-2MS	1A21242.D	5	09/11/19	CV	n/a	n/a	V1A859
FA67803-2MSD	1A21243.D	5	09/11/19	CV	n/a	n/a	V1A859
FA67803-2	1A21237.D	1	09/11/19	CV	n/a	n/a	V1A859

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

FA67807-17, FA67807-20, FA67807-22, FA67807-23, FA67807-24, FA67807-25, FA67807-26, FA67807-27

CAS No.	Compound	FA67803-2 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	129	103	125	135	108	5	81-122/14
107-06-2	1,2-Dichloroethane	1.0	U	125	129	103	125	134	107	4	75-125/14
108-20-3	Di-Isopropyl Ether	1.0	U	125	92.7	74	125	99.4	80	7	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50	U	6250	5140	82	6250	4880	78	5	55-126/17
64-17-5	Ethyl Alcohol	200	U	2500	2200	88	2500	2180	87	1	46-145/30
100-41-4	Ethylbenzene	1.0	U	125	111	89	125	118	94	6	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0	U	125	97.0	78	125	103	82	6	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1.0	U	125	104	83	125	111	89	7	72-117/14
91-20-3	Naphthalene	5.0	U	125	92.3	74	125	101	81	9	63-132/25
75-85-4	Tert-Amyl Alcohol	20	U	1250	1010	81	1250	1050	84	4	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0	U	125	107	86	125	113	90	5	73-122/13
75-65-0	Tert-Butyl Alcohol	20	U	1250	907	73	1250	942	75	4	63-129/27
762-75-4	Tert-Butyl Formate	20	U	1250	598	48	1250	583	47	3	46-130/33
108-88-3	Toluene	1.0	U	125	103	82	125	109	87	6	80-120/14
1330-20-7	Xylene (total)	3.0	U	375	322	86	375	343	91	6	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67803-2	Limits
1868-53-7	Dibromofluoromethane	108%	108%	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	103%	97%	79-125%
2037-26-5	Toluene-D8	86% [a]	87% [a]	89%	85-112%
460-00-4	4-Bromofluorobenzene	96%	96%	99%	83-118%

(a) Outside DOD QSM control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67807
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
FA67768-7MS	1A21269.D	500	09/12/19	CV	n/a	n/a	V1A861
FA67768-7MSD	1A21270.D	500	09/12/19	CV	n/a	n/a	V1A861
FA67768-7 [a]	1A21268.D	250	09/12/19	CV	n/a	n/a	V1A861

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

FA67807-18, FA67807-19, FA67807-22, FA67807-23

CAS No.	Compound	FA67768-7 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	250	U	12500	13200	106	12500	13400	107	2	81-122/14
107-06-2	1,2-Dichloroethane	250	U	12500	13200	106	12500	13500	108	2	75-125/14
108-20-3	Di-Isopropyl Ether	250	U	12500	9630	77	12500	10100	81	5	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	13000	U	625000	447000	72	625000	487000	78	9	55-126/17
64-17-5	Ethyl Alcohol	50000	U	250000	204000	82	250000	219000	88	7	46-145/30
100-41-4	Ethylbenzene	250	U	12500	11300	90	12500	11500	92	2	81-121/14
637-92-3	Ethyl Tert Butyl Ether	500	U	12500	10000	80	12500	10400	83	4	71-120/14
1634-04-4	Methyl Tert Butyl Ether	250	U	12500	10800	86	12500	11200	90	4	72-117/14
91-20-3	Naphthalene	1300	U	12500	9760	78	12500	10600	85	8	63-132/25
75-85-4	Tert-Amyl Alcohol	5000	U	125000	98000	78	125000	106000	85	8	65-124/23
994-05-8	Tert-Amyl Methyl Ether	500	U	12500	11100	89	12500	11400	91	3	73-122/13
75-65-0	Tert-Butyl Alcohol	5000	U	125000	85500	68	125000	93600	75	9	63-129/27
762-75-4	Tert-Butyl Formate	5000	U	125000	61300	49	125000	65400	52	6	46-130/33
108-88-3	Toluene	250	U	12500	10600	85	12500	10800	86	2	80-120/14
1330-20-7	Xylene (total)	750	U	37500	33200	89	37500	33800	90	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA67768-7	Limits
1868-53-7	Dibromofluoromethane	109%	108%	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	103%	95%	79-125%
2037-26-5	Toluene-D8	86% [b]	88% [b]	89%	85-112%
460-00-4	4-Bromofluorobenzene	96%	98%	100%	83-118%

(a) Confirmation run.
(b) Outside DOD QSM control limits.

* = 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: FA67807
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
OP76737-MB	CC063655.D	1	09/11/19	NM	09/09/19	OP76737	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-21

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	85%	63-137%

Method Blank Summary

Job Number: FA67807
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
OP76738-MB	CC063684.D	1	09/11/19	NM	09/09/19	OP76738	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-1, FA67807-2, FA67807-3, FA67807-4, FA67807-5, FA67807-6, FA67807-7, FA67807-8, FA67807-9, FA67807-10, FA67807-11

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	93%	63-137%

Method Blank Summary

Job Number: FA67807
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
OP76753-MB	CC063715.D	1	09/12/19	NM	09/10/19	OP76753	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-12, FA67807-13, FA67807-14, FA67807-15, FA67807-16, FA67807-17, FA67807-18, FA67807-19, FA67807-20, FA67807-22, FA67807-23, FA67807-24, FA67807-25, FA67807-27

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	71%	63-137%

Blank Spike Summary

Job Number: FA67807
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
OP76737-BS	CC063653.D	1	09/11/19	NM	09/09/19	OP76737	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.21	84	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	90%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67807
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
OP76737-BS2	CC063654.D	1	09/11/19	NM	09/09/19	OP76737	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.21	84	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	80%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67807
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
OP76738-BS	CC063682.D	1	09/11/19	NM	09/09/19	OP76738	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-1, FA67807-2, FA67807-3, FA67807-4, FA67807-5, FA67807-6, FA67807-7, FA67807-8, FA67807-9, FA67807-10, FA67807-11

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	85%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67807
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
OP76738-BS2	CC063683.D	1	09/11/19	NM	09/09/19	OP76738	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-1, FA67807-2, FA67807-3, FA67807-4, FA67807-5, FA67807-6, FA67807-7, FA67807-8, FA67807-9, FA67807-10, FA67807-11

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: FA67807
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
OP76753-BS	CC063713.D	1	09/12/19	NM	09/10/19	OP76753	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-12, FA67807-13, FA67807-14, FA67807-15, FA67807-16, FA67807-17, FA67807-18, FA67807-19, FA67807-20, FA67807-22, FA67807-23, FA67807-24, FA67807-25, FA67807-27

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.21	84	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	75%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA67807
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
OP76753-BS2	CC063714.D	1	09/12/19	NM	09/10/19	OP76753	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-12, FA67807-13, FA67807-14, FA67807-15, FA67807-16, FA67807-17, FA67807-18, FA67807-19, FA67807-20, FA67807-22, FA67807-23, FA67807-24, FA67807-25, FA67807-27

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.22	88	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	73%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA67807
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
OP76753-MS	CC063717.D	1	09/12/19	NM	09/10/19	OP76753	GCC1513
FA67807-12	CC063716.D	1	09/12/19	NM	09/10/19	OP76753	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-12, FA67807-13, FA67807-14, FA67807-15, FA67807-16, FA67807-17, FA67807-18, FA67807-19, FA67807-20, FA67807-22, FA67807-23, FA67807-24, FA67807-25, FA67807-27

CAS No.	Compound	FA67807-12 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.235	0.20	85	72-134

CAS No.	Surrogate Recoveries	MS	FA67807-12	Limits
460-00-4	4-Bromofluorobenzene	80%	73%	63-137%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67807
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
OP76737-MS	CC063658.D	1	09/11/19	NM	09/09/19	OP76737	GCC1513
OP76737-MSD	CC063659.D	1	09/11/19	NM	09/09/19	OP76737	GCC1513
FA67800-1	CC063657.D	1	09/11/19	NM	09/09/19	OP76737	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-21

CAS No.	Compound	FA67800-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-93-4	1,2-Dibromoethane	0.019	U	0.238	0.17	71*	0.242	0.17	70*	0	72-134/28

CAS No.	Surrogate Recoveries	MS	MSD	FA67800-1	Limits
460-00-4	4-Bromofluorobenzene	72%	74%	77%	63-137%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA67807
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
OP76738-MS	CC063686.D	1	09/11/19	NM	09/09/19	OP76738	GCC1513
OP76738-MSD	CC063689.D	1	09/11/19	NM	09/09/19	OP76738	GCC1513
FA67800-19	CC063685.D	1	09/11/19	NM	09/09/19	OP76738	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-1, FA67807-2, FA67807-3, FA67807-4, FA67807-5, FA67807-6, FA67807-7, FA67807-8, FA67807-9, FA67807-10, FA67807-11

CAS No.	Compound	FA67800-19 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
106-93-4	1,2-Dibromoethane	0.020	U	0.242	0.22	91	0.24	0.25	104	13	72-134/28

CAS No.	Surrogate Recoveries	MS	MSD	FA67800-19	Limits
460-00-4	4-Bromofluorobenzene	89%	92%	92%	63-137%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA67807
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
OP76753-DUP	CC063719.D	1	09/12/19	NM	09/10/19	OP76753	GCC1513
FA67807-13 [a]	CC063718.D	1	09/12/19	NM	09/10/19	OP76753	GCC1513

The QC reported here applies to the following samples: **Method:** SW846 8011

FA67807-12, FA67807-13, FA67807-14, FA67807-15, FA67807-16, FA67807-17, FA67807-18, FA67807-19, FA67807-20, FA67807-22, FA67807-23, FA67807-24, FA67807-25, FA67807-27

CAS No.	Compound	FA67807-13 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	0.014	J	0.015	J	7	28

CAS No.	Surrogate Recoveries	DUP	FA67807-13	Limits
460-00-4	4-Bromofluorobenzene	77%	73%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

APPENDIX F

Ground Water Sampling Data Forms

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Date: 08/26/19 | Site ID #: 02261 | Site Name: Carolina Country Convenience

County: Chesterfield | Project Manager: Thomas Gladden | Field Personnel: Alex Lin, Justin Armentrout, Matthew C.

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	34.01	25 to 35	NA	24.20	NA	NO	NO	Cracked	1/3	NO
MW-2	44.36	37 to 42	NA	30.16	NA	NO	NO	Yes	3/3	NO
MW-3	42.66	37 to 42	NA	26.63	NA	NO	NO	Yes	0/3	NO
MW-4	42.12	37 to 42	NA	21.28	NA	NO	NO	Yes	3/3	Yes
MW-5	42.57	37 to 42	NA	33.81	NA	NO	NO	Yes	0/2	Yes
MW-6	NA	30 to 35	NA	NA	NA	NO	NO	NA	NA	NA
MW-7	33.99	25 to 30	NA	21.58	NA	NO	NO	NA	0/1	NO
MW-8	30.28	25 to 30	NA	22.31	NA	NO	NO	NA	0/1	NO
MW-9	33.41	25 to 30	NA	25.93	NA	NO	NO	NA	0/1	NO
MW-10	35.62	30 to 35	NA	25.11	NA	NO	NO	Yes, cracked	1/3	NO
MW-11	NA	30 to 35	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	35.42	30 to 35	NA	27.08	NA	NO	NO	Cracked	3/3	Yes
MW-13	35.57	30 to 35	NA	25.64	NA	NO	NO	Yes, Cracked	3/3	Yes

Notes: MW-6 and MW-11 were not found.

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Date: 08/26/19 | Site ID #: 02261 | Site Name: Carolina Country Convenience

County: Chesterfield | Project Manager: Thomas Gladden | Field Personnel: Alex Lin, Justin Armentrout, Matthew C.

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	35.52	30 to 35	NA	28.37	NA	NO	NO	Yes	3/3	NO
MW-15	24.63	15 to 25	~~NA~~ 29	~~28.29~~	NA	NO	NO	Cracked	0/2	Yes
MW-16	25.29	15 to 25	NA	15.36	NA	NO	Yes	Foliage	1/2	Yes
MW-17	NA	15 to 25	N/A	NA	NA	NA	NA	NA	NA	NA
MW-18	24.53	14 to 24	NA	22.81	NA	NO	~~NO~~ Yes	Cracked, Foliage	1/2	NO
MW-19	N/A	15 to 30	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MW-20	~~30.44~~	15 to 30	NA	24.72	NA	NO	NO	Cracked	2/2	NO
MW-21	30.17	15 to 30	N/A	25.59	N/A	NO	No	Cracked	2/2	Yes
MW-22	29.62	15 to 30	N/A	25.31	N/A	NO	No	Cracked	1/2	No
MW-23	30.04	15 to 30	N/A	27.96	N/A	No	NO	Cracked, Destroy Buried	1/2	N/A
MW-24	~~37.55~~	12 to 37	NA	30.18	NA	NO	NO	Yes	2/2	NO
MW-25	37.94	12 to 37	N/A	25.98	N/A	NO	No	Yes	1/2	No
MW-26	37.47	12 to 37	N/A	27.78	N/A	NO	No	Cracked	1/2	No

Notes: MW-17 and MW-19 were not found.

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Date: 08/26/19 | Site ID #: 02261 | Site Name: Carolina Country Convenience

County: Chesterfield | Project Manager: Thomas Gladden | Field Personnel: Alex Lin, Justin Armentrout, Matthew C.

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	38.22	12 to 37	N/A	34.19	N/A	No	No	Cracked	2/2	No
MW-28	30.16	15 to 30	N/A	28.51	N/A	NO	No	Cracked	2/2	No
MW-29	30.15	15 to 30	NA	25.56	NA	NO	NO	Cracked	1/2	Yes
MW-30	30.44	15 to 30	N/A	26.61	NA	No	No	Cracked	2/2	Yes
MW-31	29.79	15 to 30	NA	26.88	NA	NO	NO	Buried	2/2	NO
MW-32	35.62	20 to 40	NA	20.07	NA	NO	NO	Yes	2/2	NO
MW-33	44.12	20 to 40	NA	39.06	NA	NO	NO	NA	1/1	NO
MW-34	54.26	30 to 50	NA	42.09	NA	NO	NO	NA	2/2	NO
MW-35	51.07	30 to 50	NA	43.45	NA	NO	NO	Yes	2/2	NO
MW-28I	57.34	51 to 56	NA	27.82	NA	NO	NO	Yes	1/2	NO
MW-29I	56.73	51 to 56	NA	29.44	NA	NO	NO	Cracked	1/2	~~NO~~ Yes
MW-30I	57.23	51 to 56	NA	26.94	NA	NO	NO	Cracked	0/2	Yes
MW-31I	57.19	51 to 56	NA	26.92	NA	NO	NO	Yes	2/2	NO

Notes:

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Date: 08/26/19 | Site ID #: 02261 | Site Name: Carolina Country Convenience

County: Chesterfield | Project Manager: Thomas Gladden | Field Personnel: Alex Lin, Justin Armentrout, Matthew C.

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-1	59.88	51 to 56	NA	21.41	NA	NO	NO	NA	0/1	NA
TW-2	~~59.37~~ NA	51 to 56	NA	~~21.47~~ NA	NA	NA	NO	NA	NA	NO
TW-3	56.77	51 to 56	NA	25.37	NA	NO	NO	NA	0/1	NA
TW-4	61.45	56 to 61	NA	28.21	NA	NO	NO	Yes	1/3	NO
TW-5	57.78	56 to 61	NA	23.91	NA	NO	NO	Cracked	3/3	Yes
TW-6	67.61	63 to 68	NA	34.39	NA	NO	NO	Yes	0/2	NO
TW-7	55	63 to 68	NA	23.76	NA	NO	NO	NA	1/1	NO
TW-8	72.02	63 to 68	NA	38.55	NA	NO	NO	NA	0/1	NO
TW-9	72.18	63 to 68	NA	49.31	NA	NO	NO	NO	1/1	NO
TW-10	68.11	63 to 68	NA	44.32	NA	NO	NO	Yes	2/2	NO
PW-3	NA	NA	NA	NA	NA	NA	NO	NA	NO	NA

Notes: TW-2 was originally not accessible, but access was regained.
PW-3 is a water supply well.

Signature:

	DTW
TW-1	22.15
TW-2	22.05
3	25.93
4	28.88
5	26.37
6	35.16

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 25 to 35		Total Well Depth (TWD) (ft.): 34.01	
Depth to Free Product (DFP) (ft.): ___	Depth to Groundwater (DGW) (ft.): 24.20		Free Product Thickness (ft.): ___	
Length of water column (LWC=TWD-DGW)(ft.): 9.81	1 casing volume (CV=LWC*C)(gals): 1.5696	3 casing volumes 3*CV)(gals): 4.7088	5 casing volumes (5*CV)(gals):	

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.6	3.1	4.7				
Time (military)	0830							0839
PH (s.u.)	7.35							
Specific Conductivity (µS/cm)	173							
Water Temperature (°C)	21.25							
Turbidity (NTU)	20.4							
Dissolved Oxygen (mg/L)	2.75							

Sampling Data

Sampled By: Justin A, (Alex L,) Matt C.	Sampling Time: 0839	Duplicate: (Y) or N	If yes, Duplicate Time: 1200

Notes: Sheen present in well; VOC sample collection after initial
Well went dry at 3.5 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~09~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 37 to 42		Total Well Depth (TWD) (ft.): 44.36
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 30.16			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 14.2	1 casing volume (CV=LWC*C)(gals): 2.272	3 casing volumes 3*CV)(gals): 6.816		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	2.3	4.5	6.8				
Time (military)	1613	1618						1620
PH (s.u.)	6.19	5.66						
Specific Conductivity (µS/cm)	135	139						
Water Temperature (°C)	22.77	21.90						
Turbidity (NTU)	40.2	452						
Dissolved Oxygen (mg/L)	7.61	4.91						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1620	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 2.3 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
~~LaMotte~~ Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 37 to 42		Total Well Depth (TWD) (ft.): 42.68
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 26.63		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 16.05	1 casing volume (CV=LWC*C)(gals): 2.568	3 casing volumes 3*CV)(gals): 7.704	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	2.6	5.1	7.7				
Time (military)	1453	1458						1459
PH (s.u.)	5.51	4.73						
Specific Conductivity (µS/cm)	56	50						
Water Temperature (°C)	23.50	23.06						
Turbidity (NTU)	~~447~~ 254	447						
Dissolved Oxygen (mg/L)	7.11	4.30						

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time: 1459	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 275 gallons

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

dhec

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name: YSI Pro DSS	Serial #:	Calibration:			
YSI ~~69~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 37 to 42		Total Well Depth (TWD) (ft.): 42.12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 21.28			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 20.84	1 casing volume (CV=LWC*C)(gals): 3.3344	3 casing volumes 3*CV)(gals): 10.0032		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	3.3	6.7	10.0				
Time (military)	1529	1534						
PH (s.u.)	6.35	5.02						1536
Specific Conductivity (µS/cm)	50	49						
Water Temperature (°C)	22.27	22.31						
Turbidity (NTU)	19.7	147						
Dissolved Oxygen (mg/L)	5.61	4.68						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1536	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 3.5 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name: YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 37 to 42		Total Well Depth (TWD) (ft.): 42.57
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 33.81			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 9.76	1 casing volume (CV=LWC*C)(gals): 1.4016	3 casing volumes 3*CV)(gals): 4.2048		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.4	2.8	4.2				
Time (military)	1546	1550						
PH (s.u.)	5.21	~~5.21~~ 4.55						1552
Specific Conductivity (µS/cm)	460	~~460~~ 41						
Water Temperature (°C)	23.16	~~23.16~~ 24.86						
Turbidity (NTU)	73.2	1000+						
Dissolved Oxygen (mg/L)	7.00	6.01						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C. | Sampling Time: 1552 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: Well went dry at 2.5 gallons

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101935	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
~~LaMotte~~ Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to		Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.):		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								
PH (s.u.)								N.S.
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time:	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Well not found; not sampled

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature) Pro DSS	19A101935	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 56 (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
LaMotte (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-7	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
X MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 25 to 30		Total Well Depth (TWD) (ft.): 33.99
Depth to Free Product (DFP) (ft.): ___	Depth to Groundwater (DGW) (ft.): 21.88		Free Product Thickness (ft.): ___
Length of water column (LWC=TWD-DGW)(ft.): 12.11	1 casing volume (CV=LWC*C)(gals): 1.9376	3 casing volumes 3*CV)(gals): 5.8128	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.9	3.9	5.8				
Time (military)	1023	1028						
PH (s.u.)	5.12	4.89						1030
Specific Conductivity (µS/cm)	153	146						
Water Temperature (°C)	21.75	20.01						
Turbidity (NTU)	~~99~~ 14.1	99.1						
Dissolved Oxygen (mg/L)	7.41	7.91						

Sampling Data

Sampled By: Justin A, Alex L, Matt C. | Sampling Time: 1030 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: Well went dry at 2.25 gallons

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/02/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-9	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 25 to 30		Total Well Depth (TWD) (ft.): ~~22.31~~ 30.29
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): ~~30.29~~ 22.31		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.97	1 casing volume (CV=LWC*C)(gals): 1.2752	3 casing volumes 3*CV)(gals): 3.9256	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.3	2.6	3.9				
Time (military)	0958	1053						1054
PH (s.u.)	5.15	~~5.15~~ 4.69						
Specific Conductivity (µS/cm)	94	~~94~~ 91						
Water Temperature (°C)	21.20	~~21.20~~ 21.02						
Turbidity (NTU)	~~24~~ 24.3	24.1						
Dissolved Oxygen (mg/L)	7.61	7.68						

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time: 1054	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 1.5 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-9	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 25 to 30	Total Well Depth (TWD) (ft.): 33.41
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 25.98		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.43	1 casing volume (CV=LWC*C)(gals): 1.188	3 casing volumes 3*CV)(gals): 3.564	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.2	2.4	3.6				
Time (military)	1111	1115						1116
PH (s.u.)	5.43	~~5.43~~ 4.39						
Specific Conductivity (µS/cm)	460	~~462~~ 460						
Water Temperature (°C)	21.78	~~21.78~~ 21.52						
Turbidity (NTU)	~~8.29~~ 288	366						
Dissolved Oxygen (mg/L)	8.29	8.28						

Sampling Data

Sampled By: Justin A, ~~Alex L~~, Matt C. | Sampling Time: 1116 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: Well went dry at 1.5 gallons

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
LaMotte (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-10	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 35.92
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 25.11			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 10.71	1 casing volume (CV=LWC*C)(gals): 1.7136	3 casing volumes 3*CV)(gals): 5.1408		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.7	3.4	5.1				
Time (military)	0854	0857						
PH (s.u.)	6.43	6.43						0859
Specific Conductivity (µS/cm)	536	489						
Water Temperature (°C)	20.52	20.12						
Turbidity (NTU)	27.2	226						
Dissolved Oxygen (mg/L)	2.75	3.91						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 0859	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 2.5 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~2020~~ Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-11	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
√ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to		Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.):		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								
PH (s.u.)								N.S.
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time:	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Well not found; not sampled

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
LaMotte (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-12	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 20 to 35		Total Well Depth (TWD) (ft.): 35.82
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 27.08			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 8.74	1 casing volume (CV=LWC*C)(gals): 1.3984	3 casing volumes 3*CV)(gals): 4.1952		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.4	2.8	4.2				
Time (military)	1410	1415						
PH (s.u.)	4.69	4.69						1416
Specific Conductivity (µS/cm)	176	164						
Water Temperature (°C)	22.97	22.62						
Turbidity (NTU)	9.82	7.59						
Dissolved Oxygen (mg/L)	3.18	2.49						

Sampling Data

Sampled By: Justin A (Alex L), Matt C.	Sampling Time: 1416	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 2.8 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name: YSI Pro DSS	Serial #:	Calibration:			
YSI ~~69~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-13	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 35.57
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): ~~26~~ 25.69			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 9.33	1 casing volume (CV=LWC*C)(gals): 1.5808	3 casing volumes 3*CV)(gals): 4.7424		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.6	3.2	4.7				
Time (military)	1427	1432	1437					
PH (s.u.)	4.66	4.54	~~4.66~~ 4.61					1439
Specific Conductivity (µS/cm)	106	102	~~106~~ 108					
Water Temperature (°C)	~~24.70~~	~~24.26~~	~~24.70~~					
Turbidity (NTU)	46.4	377	522					
Dissolved Oxygen (mg/L)	2.55	3.20	3.31					

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1439	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Well went dry at 3.5 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 63~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
~~LaMotte~~ Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-14	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 35	Total Well Depth (TWD) (ft.): 35.52	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 28.87	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 6.65	1 casing volume (CV=LWC*C)(gals): 1.064	3 casing volumes 3*CV)(gals): 3.192	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.1	2.1	3.2				
Time (military)	1323	1329						1331
PH (s.u.)	5.05	4.27						
Specific Conductivity (µS/cm)	75	74						
Water Temperature (°C)	20.37	20.30						
Turbidity (NTU)	~~321~~ 13.9	221						
Dissolved Oxygen (mg/L)	4.64	3.91						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1331	Duplicate: (Y) or N	If yes, Duplicate Time: 1201

Notes: Well went dry at 1.5 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-15	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to 15 to 25	Total Well Depth (TWD) (ft.): 24.63	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 23.29	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals): 0.2144	3 casing volumes 3*CV)(gals): 0.6432	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.21	0.93	0.64				
Time (military)								1217
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, Alex L, (Matt C)	Sampling Time: 1217	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well does not contain enough water; no data readings

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI 89 (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 56 (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
LaMotte (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-16	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 25		Total Well Depth (TWD) (ft.): 25.24
Depth to Free Product (DFP) (ft.): ___	Depth to Groundwater (DGW) (ft.): 18.36		Free Product Thickness (ft.): ___
Length of water column (LWC=TWD-DGW)(ft.): 6.93	1 casing volume (CV=LWC*C)(gals): 1.1088	3 casing volumes 3*CV)(gals): 3.3264	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.1	2.2	3.3				
Time (military)	1107							
PH (s.u.)	7.00							1110
Specific Conductivity (µS/cm)	119							
Water Temperature (°C)	19.47							
Turbidity (NTU)	104							
Dissolved Oxygen (mg/L)	4.30							

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time: 1110	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: well does not contain enough water; no data collection after initial sample

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~09~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-17	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to 15 to 25		Total Well Depth (TWD) (ft.): NA
Depth to Free Product (DFP) (ft.): ___	Depth to Groundwater (DGW) (ft.): NA		Free Product Thickness (ft.): ___
Length of water column (LWC=TWD-DGW)(ft.): NA	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time:	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Not found

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-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
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 14 to 24		Total Well Depth (TWD) (ft.): 24.52
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 22.81			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 1.72	1 casing volume (CV=LWC*C)(gals): 0.2752	3 casing volumes 3*CV)(gals): 0.8256		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.23	0.56	0.82				
Time (military)								1118
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time: 1118	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well does not contain enough water; no data collection

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~09~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-19	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to 15 to 30		Total Well Depth (TWD) (ft.): NA
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): NA		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): NA	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time:	Duplicate: Y or N	If yes, Duplicate Time:

Notes: Not found

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-19	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to		Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.):		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								
PH (s.u.)								N/S,
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well not found, Not Sampled

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
~~LaMotte~~ Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-20	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to 15 to 30		Total Well Depth (TWD) (ft.): 30,14	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 24.72		Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 5.42	1 casing volume (CV=LWC*C)(gals): 0.8672	3 casing volumes 3*CV)(gals): 2.6016	5 casing volumes (5*CV)(gals):	

Sampling Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.87	1.73	2.6				
Time (military)	1256	1259						1305
PH (s.u.)	6.63	6.00						
Specific Conductivity (µS/cm)	134	96						
Water Temperature (°C)	23.60	21.31						
Turbidity (NTU)	532	162						
Dissolved Oxygen (mg/L)	2.81	1.70						

Sampling Data

Sampled By: Justin A, Alex L, (Matt C.)	Sampling Time: ~~DSS~~ 1305	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 1.~~90~~ gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-21	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 15 to 30		Total Well Depth (TWD) (ft.): 30.17
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 25.59			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 4.58	1 casing volume (CV=LWC*C)(gals): 0.7328	3 casing volumes 3*CV)(gals): 2.1984		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.73	1.47	~~2.1~~ 2.2				
Time (military)	1235							
PH (s.u.)	7.07							1238
Specific Conductivity (µS/cm)	202							
Water Temperature (°C)	22.27							
Turbidity (NTU)	1000+							
Dissolved Oxygen (mg/L)	~~3~~ 2.01							

Sampling Data

Sampled By: Justin A, Alex L, (Matt C.) | Sampling Time: 1238 | Duplicate: (Y) or N | If yes, Duplicate Time: 1202

Notes: Well did not contain enough water; ~~not~~ no data collection except initial

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-22	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 15 to 30		Total Well Depth (TWD) (ft.): 29.62
Depth to Free Product (DFP) (ft.): ___	Depth to Groundwater (DGW) (ft.): 25.31			Free Product Thickness (ft.): ___
Length of water column (LWC=TWD-DGW)(ft.): ~~25~~ 4.31	1 casing volume (CV=LWC*C)(gals): 0.6896	3 casing volumes 3*CV)(gals): 2.0688		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.69	1.3792	2.07				
Time (military)	1324							
PH (s.u.)	5.53							1324
Specific Conductivity (µS/cm)	114							
Water Temperature (°C)	21.99							
Turbidity (NTU)	93.5							
Dissolved Oxygen (mg/L)	1.54							

Sampling Data

Sampled By: Justin A, Alex L, (Matt C)	Sampling Time: 1324	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well did not contain enough water, no data collection except initial

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-23	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 15 to 30		Total Well Depth (TWD) (ft.): 30.04
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 27.46			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 2.08	1 casing volume (CV=LWC*C)(gals): 0.3328		3 casing volumes 3*CV)(gals): 0.4984	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.33	0.6656	0.998				
Time (military)								
PH (s.u.)								1502
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, (Alex L,) Matt C.	Sampling Time: 1502	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well did not contain enough water; no data collection

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: ~~03~~/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~69~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-24	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 12 ~~10.18~~ to ~~37.45~~ 37		Total Well Depth (TWD) (ft.): 37.45
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 30.18		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.27	1 casing volume (CV=LWC*C)(gals): 1.1632	3 casing volumes 3*CV)(gals): 3.4896	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.2	2.3	3.5				
Time (military)	1621	1626						1627
PH (s.u.)	6.39	5.71						
Specific Conductivity (µS/cm)	144	175						
Water Temperature (°C)	23.61	23.36						
Turbidity (NTU)	~~249~~ 70.3	249						
Dissolved Oxygen (mg/L)	5.01	3.76						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C. | Sampling Time: 1627 | Duplicate: (Y) or N | If yes, Duplicate Time: ~~1103~~

Notes: Well went dry at 1.75 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-25	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 12 to 37		Total Well Depth (TWD) (ft.): 37.94
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 25.98			Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 11.96	1 casing volume (CV=LWC*C)(gals): 1.9136	3 casing volumes 3*CV)(gals): 5.7408		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.91	3.83	5.74				
Time (military)	1458	1503						1507
PH (s.u.)	6.35	5.92						
Specific Conductivity (µS/cm)	56	50						
Water Temperature (°C)	27.40	23.78						
Turbidity (NTU)	31.9	686						
Dissolved Oxygen (mg/L)	5.01	4.49						

Sampling Data

Sampled By: Justin A, Alex L, (Matt C.)	Sampling Time: ~~1502~~ 1507	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 2.25 gallons

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-26	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 12 to 37		Total Well Depth (TWD) (ft.): 37.47
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 27.78			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 9.69	1 casing volume (CV=LWC*C)(gals): 1.5504	3 casing volumes 3*CV)(gals): ~~34.6512~~		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.55	3.1	9.65				
Time (military)	1530 1529	1528	1529					
PH (s.u.)	7.18	6.19	5.26	5.05				1537
Specific Conductivity (µS/cm)	51	38	36	36				
Water Temperature (°C)	21.14	23.38	22.24	22.14				
Turbidity (NTU)	154	73.6	1000+	[redacted] 1000+				
Dissolved Oxygen (mg/L)	6.03	2.01	1.97	2.03				

Sampling Data

Sampled By: Justin A, (Alex L), Matt C. Sampling Time: 1537 Duplicate: Y or (N) If yes, Duplicate Time:

Notes: Well went dry at 40 gallons

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/20/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-27	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to 12 to 37		Total Well Depth (TWD) (ft.): 38.22
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 34.19		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 4.03	1 casing volume (CV=LWC*C)(gals): 0.6448	3 casing volumes 3*CV)(gals): 1.4344	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.645	~~1.4~~ 1.29	1.93				
Time (military)	1530							
PH (s.u.)	7.18							1530
Specific Conductivity (µS/cm)	51							
Water Temperature (°C)	21.14							
Turbidity (NTU)	159							
Dissolved Oxygen (mg/L)	6.03							

Sampling Data

Sampled By: Justin A, Alex L, (Matt C.)	Sampling Time: 1530	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 0.5 gallons

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/16/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~89~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	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
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to 15 to 30		Total Well Depth (TWD) (ft.): 30.16
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 28.51		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 1.65	1 casing volume (CV=LWC*C)(gals): 0.264	3 casing volumes 3*CV)(gals): 0.792	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.26	0.53	0.79				
Time (military)								
PH (s.u.)								1553
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, Alex L, Matt C. | Sampling Time: 1553 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: Well did not contain enough water; no data collection

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 63~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
~~LaMotte~~ Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-29	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to 15 to 30	Total Well Depth (TWD) (ft.): 30.15	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 25.56	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 4.54	1 casing volume (CV=LWC*C)(gals): 0.7344	3 casing volumes 3*CV)(gals): 2.2032	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.73	1.5	2.2				
Time (military)	1624	1628						1631
PH (s.u.)	5.41	5.04						
Specific Conductivity (µS/cm)	82	81						
Water Temperature (°C)	22.81	22.25						
Turbidity (NTU)	16.9	278						
Dissolved Oxygen (mg/L)	1.83	1.42						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1631	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 1.25 gallons

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-30	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 15 to 30		Total Well Depth (TWD) (ft.): 30.44
Depth to Free Product (DFP) (ft.): ___	Depth to Groundwater (DGW) (ft.): 26.61			Free Product Thickness (ft.): ___
Length of water column (LWC=TWD-DGW)(ft.): 3.83	1 casing volume (CV=LWC*C)(gals): 0.6128	3 casing volumes 3*CV)(gals): 1.8384		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.61	1.23	1.84				
Time (military)	1608	1611						1611
PH (s.u.)	4.57	4.49						
Specific Conductivity (µS/cm)	184	~~20.4~~ 174						
Water Temperature (°C)	21.03	20.41						
Turbidity (NTU)	20.2	500						
Dissolved Oxygen (mg/L)	2.55	1.72						

Sampling Data

Sampled By: Justin A, Alex L, (Matt C.) | Sampling Time: 1611 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: Well went dry at 1.0 gallon

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~2020~~ Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-31	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 15 to 30		Total Well Depth (TWD) (ft.): 29.79
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 26.66			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 2.91	1 casing volume (CV=LWC*C)(gals): 0.4656	3 casing volumes 3*CV)(gals): 1.3968		5 casing volumes (5*CV)(gals):

Sampling Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.47	0.73	1.397				
Time (military)	1632	1634						1636
PH (s.u.)	5.26	4.76						
Specific Conductivity (µS/cm)	75	68						
Water Temperature (°C)	21.66	21.06						
Turbidity (NTU)	41.7	942						
Dissolved Oxygen (mg/L)	2.61	1.51						

Sampling Data

Sampled By: Justin A, Alex L, (Matt C.) | Sampling Time: 1636 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: Well went dry at 0.75 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name: YSI Pro DSS	Serial #:	Calibration:			
YSI ~~88~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-32	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 15 to 35		Total Well Depth (TWD) (ft.): 35.62
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 20.07			Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 15.55	1 casing volume (CV=LWC*C)(gals): 2.435	3 casing volumes 3*CV)(gals): 7.464		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	~~2.5~~	~~5.0~~	7.5				
Time (military)	0954	0959						
PH (s.u.)	5.43	~~5.43~~						0950
Specific Conductivity (µS/cm)	60	60 57						
Water Temperature (°C)	22.26	~~22.26~~ 21.96						
Turbidity (NTU)	28.8	382						
Dissolved Oxygen (mg/L)	8.88	8.21						

Sampling Data

Sampled By: Justin A, ~~Alex L~~, Matt C.	Sampling Time: 0950	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 2.75 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/03/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-33	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 70 to 40		Total Well Depth (TWD) (ft.): 44.12
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 39.06			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 5.06	1 casing volume (CV=LWC*C)(gals): 0.8096	3 casing volumes 3*CV)(gals): 2.4288		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	0.81	1.62	2.43				
Time (military)	1600	1605						
PH (s.u.)	6.36	5.74						1606
Specific Conductivity (µS/cm)	86	71						
Water Temperature (°C)	20.83	22.05						
Turbidity (NTU)	143	614						
Dissolved Oxygen (mg/L)	7.81	7.33						

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time: 1606	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 1.5 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/04/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature) Pro DSS	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 56 (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
LaMotte (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-34	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 50		Total Well Depth (TWD) (ft.): 54.26
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 42.09		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 12.17	1 casing volume (CV=LWC*C)(gals): 1.9472	3 casing volumes 3*CV)(gals): 5.8416	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.9	3.9	5.8				
Time (military)	1347	1352						1602 1354
PH (s.u.)	5.25	5.21						
Specific Conductivity (µS/cm)	265	204						
Water Temperature (°C)	20.84	20.56						
Turbidity (NTU)	~~2305.4~~	230						
Dissolved Oxygen (mg/L)	7.10	8.01						

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time: ~~1606~~ 1354	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: We well went dry at 2.5 gallons

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/03/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-35	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 50		Total Well Depth (TWD) (ft.): 51.07
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 43.95		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 7.12	1 casing volume (CV=LWC*C)(gals): 1.392	3 casing volumes 3*CV)(gals): 3.4176	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	1.1	2.3	3.4				
Time (military)	1443	1447						1449
PH (s.u.)	6.01	6.04						
Specific Conductivity (µS/cm)	67	59						
Water Temperature (°C)	22.88	22.27						
Turbidity (NTU)	86.8	1000+						
Dissolved Oxygen (mg/L)	0.65	7.49						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1449	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/27/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	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 ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 51 to 56		Total Well Depth (TWD) (ft.): 57.34
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 27.82			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 29.52	1 casing volume (CV=LWC*C)(gals): 4.81	3 casing volumes 3*CV)(gals): 14.43		5 casing volumes (5*CV)(gals):

Sampling Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	5.1	10.2	15.3				
Time (military)	1510	1520	1541					1550
PH (s.u.)	6.20	6.13	6.07					
Specific Conductivity (µS/cm)	304	277	255					
Water Temperature (°C)	~~24.96~~ 24.96	21.11	20.93					
Turbidity (NTU)	44.3	47.4	1000+					
Dissolved Oxygen (mg/L)	3.35	4.01	6.41					

Sampling Data

Sampled By: Justin A, Alex L, (Matt C)	Sampling Time: ~~1510~~ 1550	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: D.C4 @ 2 ea.

Signature:

DHEC 0423 (10/2015)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/27/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~2020~~ Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-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 ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): to 51 to 56		Total Well Depth (TWD) (ft.): ~~57.5~~ 56.7
Depth to Free Product (DFP) (ft.): ___	Depth to Groundwater (DGW) (ft.): 25.41			Free Product Thickness (ft.): ___
Length of water column (LWC=TWD-DGW)(ft.): ~~31.59~~ ~~31.32~~	1 casing volume (CV=LWC*C)(gals): 5.04 ~~5.12~~	3 casing volumes 3*CV)(gals): 15.~~38~~36 ~~15.36~~		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	~~5.01~~ 5.01	~~10.0~~ 10.0	~~15.03~~	15.03			
Time (military)	1408	1410	1427					
PH (s.u.)	6.37	6.41	6.71					1429
Specific Conductivity (µS/cm)	211	205	215					
Water Temperature (°C)	26.35	24.41	24.50					
Turbidity (NTU)	43.7	24.9	212					
Dissolved Oxygen (mg/L)	6.36	3.57	4.12					

Sampling Data

Sampled By: Justin A, Alex L, Matt C	Sampling Time: 1429	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: well went dry at 12.5 gallons

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 03/27/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 63~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
~~YSI 56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	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 ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): to 51 to 56	Total Well Depth (TWD) (ft.): 57.23	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 26.94	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 30.29	1 casing volume (CV=LWC*C)(gals): 4.8464	3 casing volumes 3*CV)(gals): 14.5392	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	4.94	9.67	14.54				
Time (military)	1030	1040	1100	1120				1122
PH (s.u.)	6.53	6.43	6.25	6.44				
Specific Conductivity (µS/cm)	388	342	393	377				
Water Temperature (°C)	22.08	21.82	21.60	20.92				
Turbidity (NTU)	69.2	72.9	25.7	30.6				
Dissolved Oxygen (mg/L)	3.34	3.35	3.27	3.21				

Sampling Data

Sampled By: Justin A, Alex L, (Matt C.) | Sampling Time: 1122 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: ___

Signature: ___

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/27/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: MW-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 ___IW ___RW ___Other ___Private WSW ___Public WSW	Screened Interval (ft.): to 51 to 56		Total Well Depth (TWD) (ft.): 57.19
Depth to Free Product (DFP) (ft.): ———	Depth to Groundwater (DGW) (ft.): 26.72		Free Product Thickness (ft.): ———
Length of water column (LWC=TWD-DGW)(ft.): 30.37	1 casing volume (CV=LWC*C)(gals): 4.8432	3 casing volumes 3*CV)(gals): 14.5296	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	9.7	14.5				
Time (military)	1210	1305						1311
PH (s.u.)	6.12	5.98						
Specific Conductivity (µS/cm)	164	152						
Water Temperature (°C)	23.91	21.92						
Turbidity (NTU)	82.4	51.6						
Dissolved Oxygen (mg/L)	2.55	3.24						

Sampling Data

Sampled By: Justin A, Alex L, (Matt C.)	Sampling Time: 1311	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 0.25 gallons

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: 08/27/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Equipment / Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~09~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: TW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: X Bailer ___ Pump
___MW ___IW ___RW TW Other TW=Telescoping ___Private WSW ___Public WSW		Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 59.88
Depth to Free Product (DFP) (ft.): ———	Depth to Groundwater (DGW) (ft.): 21.41			Free Product Thickness (ft.): ———
Length of water column (LWC=TWD-DGW)(ft.): 38.47	1 casing volume (CV=LWC*C)(gals): 6.1552	3 casing volumes 3*CV)(gals): 18.4656		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	6.5	12.5	13.5				
Time (military)	1020	1022	1024					
PH (s.u.)	6.75	6.43	6.25					1025
Specific Conductivity (µS/cm)	69	62	59					
Water Temperature (°C)	22.79	22.02	20.48					
Turbidity (NTU)	22.5	108	1000+					
Dissolved Oxygen (mg/L)	5.13	5.51	6.62					

Sampling Data

Sampled By: Justin A, Alex L, Matt C	Sampling Time: 1025	Duplicate: Y or N	If yes, Duplicate Time:

Notes: well went dry at 13.75 gallons

Signature: _____

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/28/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
LaMotte (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: TW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
___MW ___IW ___RW TW Other TW=Telescoping ___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.): 21.41		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 37.93	1 casing volume (CV=LWC*C)(gals): 6.0698	3 casing volumes 3*CV)(gals): 18.2064	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	6.1	12.1	18.2				
Time (military)	0912	0920	0930	0942				
PH (s.u.)	7.60	7.24	6.85	6.56				~~0943~~
Specific Conductivity (µS/cm)	95	69	54	52				0943
Water Temperature (°C)	21.46	20.72	20.27	21.35				
Turbidity (NTU)	13.4	76.3	32.4	27.6				
Dissolved Oxygen (mg/L)	6.75	5.87	6.22	6.87				

Sampling Data

Sampled By: Justin A, Alex L, Matt C.	Sampling Time: 0943	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well ~~[illegible]~~ was not accessible; ~~[illegible]~~
Well MW was cut to access;

Signature: [signature]

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/23/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~2020~~ Pro DSS (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: TW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: X Bailer ___ Pump
___MW ___IW ___RW (TW) Other TW=Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 56.77
Depth to Free Product (DFP) (ft.): -	Depth to Groundwater (DGW) (ft.): 25.37		Free Product Thickness (ft.): -
Length of water column (LWC=TWD-DGW)(ft.): 31.4	1 casing volume (CV=LWC*C)(gals): 5.024	3 casing volumes 3*CV)(gals): 15.072	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	5.0	10.0	15.1				
Time (military)	1038	1040						
PH (s.u.)	6.43	6.16						1033
Specific Conductivity (µS/cm)	98	76						
Water Temperature (°C)	20.47	19.78						
Turbidity (NTU)	105	1000+						
Dissolved Oxygen (mg/L)	3.26	4.35						

Sampling Data

Sampled By: Justin A, Alex L, Matt C. | Sampling Time: 1033 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: well went dry at 7 gallons

Signature:

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/27/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
~~YSI 85~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	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
___MW ___IW ___RW TW Other TW=Telescoping ___Private WSW ___Public WSW		Screened Interval (ft.): 56 to 61		Total Well Depth (TWD) (ft.): 61.45
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 25.21			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 33.24	1 casing volume (CV=LWC*C)(gals): 5.3184	3 casing volumes 3*CV)(gals): 15.955.2		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	5.3	10.6	10.0				
Time (military)	1333	1347	1404	1410				1411
PH (s.u.)	6.05	6.01	5.90	5.86				
Specific Conductivity (µS/cm)	232	296	331	322				
Water Temperature (°C)	22.96	21.92	21.41	20.76				
Turbidity (NTU)	46.7	177	125	151				
Dissolved Oxygen (mg/L)	2.25	3.00	2.27	2.17				

Sampling Data

Sampled By: Justin A, (Alex L) Matt C.	Sampling Time: 1411	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/27/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
~~LaMotte~~ (Turbidity) Pro DSS	19A101835	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
___MW ___IW ___RW TW Other TW=Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 61		Total Well Depth (TWD) (ft.): 57.78
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 23.91		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 33.87	1 casing volume (CV=LWC*C)(gals): 5.4192	3 casing volumes 3*CV)(gals): 16.2576	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	5.4	10.8	16.3				
Time (military)	1228	1238						
PH (s.u.)	6.31	6.33						1258
Specific Conductivity (µS/cm)	209	213						
Water Temperature (°C)	22.55	20.76						
Turbidity (NTU)	47.3	1000+						
Dissolved Oxygen (mg/L)	3.31	4.52						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1258	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: well went dry at 16.0 gallons

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/27/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
LaMotte (Turbidity) Pro DSS	19A101835	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 TW Other TW=Telescoping ___Private WSW ___Public WSW		Screened Interval (ft.): 63 to 68		Total Well Depth (TWD) (ft.): 67.61
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 34.39			Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 33.22	1 casing volume (CV=LWC*C)(gals): 5.3152	3 casing volumes 3*CV)(gals): 15.9456		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	5.3	10.6	15.9				
Time (military)	1021	1025	1031	1047				
PH (s.u.)	7.92	7.04	6.27	6.04				1048
Specific Conductivity (µS/cm)	32	35	38	38				
Water Temperature (°C)	20.77	20.18	19.82	19.40				
Turbidity (NTU)	13.3	166	257	332				
Dissolved Oxygen (mg/L)	7.47	~~7.04~~ 3.81	3.94	3.66				

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1048	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/07/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
LaMotte (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: TW-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
___MW ___IW ___RW TW Other TW=Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 56
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 23.76		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 32.24	1 casing volume (CV=LWC*C)(gals): 5.1584	3 casing volumes 3*CV)(gals): 15.4752	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	5.0	10.0	15.0				
Time (military)	0900	0921						
PH (s.u.)	~~6.55~~	6.65						0923
Specific Conductivity (µS/cm)	252	278						
Water Temperature (°C)	22.17	20.48						
Turbidity (NTU)	10.7	1000+						
Dissolved Oxygen (mg/L)	4.41	5.49						

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 0923	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Well went dry at 7.5 gallons

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/03/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex Lin, Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ (pH, Specific Conductivity, Temperature) Pro DSS	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ (Dissolved Oxygen) Pro DSS	19A101835	(Y) or N			
LaMotte (Turbidity) Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: TW-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
___MW ___IW ___RW TW Other TW=Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 63 to 68	Total Well Depth (TWD) (ft.): 72.02	
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 38.85	Free Product Thickness (ft.): —	
Length of water column (LWC=TWD-DGW)(ft.): 33.17	1 casing volume (CV=LWC*C)(gals): 5.3072	3 casing volumes 3*CV)(gals): 15.9216	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	5.3	10.6	15.9				
Time (military)	1602	1623	1641	1659				1700
PH (s.u.)	6.25	6.00	5.98	6.36				
Specific Conductivity (µS/cm)	234	247	262	277				
Water Temperature (°C)	24.70	22.25	21.76	24.31				
Turbidity (NTU)	119	158	542	1000+				
Dissolved Oxygen (mg/L)	7.01	5.12	4.96	2.61				

Sampling Data

Sampled By: Justin A, (Alex L,) Matt C.	Sampling Time: 1700	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/03/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~03~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~56~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: TW-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
___MW ___IW ___RW TW Other TW=Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 63 to 68		Total Well Depth (TWD) (ft.): 72.18
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 49.31		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 22.87	1 casing volume (CV=LWC*C)(gals): 3.6592	3 casing volumes 3*CV)(gals): 10.98	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	3.6	7.3	10.0				
Time (military)	15[illegible]10	15[illegible]20	15[illegible]35	~~1535~~				1536
PH (s.u.)	5.93	5.90	6.42					
Specific Conductivity (µS/cm)	120	115	139					
Water Temperature (°C)	24.96	21.94	20.93					
Turbidity (NTU)	120	280	1000+					
Dissolved Oxygen (mg/L)	8.70	7.67	8.64					

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1536	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: well went dry at 8.0 gallons

Signature:

DHEC 0423 (10/2015)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/03/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101335	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: Y or (N)	

Well Information

Well ID: TW-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
___MW ___IW ___RW TW Other TW=Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 63 to 68		Total Well Depth (TWD) (ft.): 63.11
Depth to Free Product (DFP) (ft.): —	Depth to Groundwater (DGW) (ft.): 44.32		Free Product Thickness (ft.): —
Length of water column (LWC=TWD-DGW)(ft.): 23.79	1 casing volume (CV=LWC*C)(gals): 3.8064	3 casing volumes 3*CV)(gals): 11.4192	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	3.8	7.6	11.4				
Time (military)	1325	1340	1355	1415				
PH (s.u.)	6.44	5.66	5.40	5.41				1416
Specific Conductivity (µS/cm)	210	84	49	46				
Water Temperature (°C)	27.55	25.17	24.95	24.39				
Turbidity (NTU)	360	1000+	1000+	1000+				
Dissolved Oxygen (mg/L)	6.35	3.25	3.76	3.37				

Sampling Data

Sampled By: Justin A, (Alex L), Matt C.	Sampling Time: 1416	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 08/26/19	Site ID #: 02261	Site Name: Carolina Country Convenience	Field Personnel: Alex L., Justin A., Matt C.
County: Chesterfield	Project Manager: Thomas Gladden	General Weather Conditions: Sunny w/ clouds	Ambient Air Temp (°F): 85-95 F

Quality Assurance

Meter Name YSI Pro DSS	Serial #:	Calibration:			
YSI ~~85~~ Pro DSS (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI ~~85~~ Pro DSS (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte ~~(Turbidity)~~ Pro DSS	19A101835	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 PW = water supply well ___Private WSW ___Public WSW		Screened Interval (ft.): to		Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.):		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):		5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								
PH (s.u.)								0832
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Justin A, (Alex L,) Matt C.	Sampling Time: 0832	Duplicate: (Y) or N	If yes, Duplicate Time: 1204

Notes: _____

Signature: _____

APPENDIX G

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.

APR 2 3 2020



CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

Re: **Site-Specific Work Plan Request for Groundwater Sampling**
Carolina Country Convenience, 1908 Hwy 601 N, Pageland, SC
UST Permit #02261
Release reported October 11, 2012
Assessment Report received November 22, 2019
Chesterfield County

To Whom it May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels.

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations R.61-92, implementation of groundwater sampling is necessary. The groundwater sampling must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and in compliance with all applicable regulations. A copy of the UST QAPP is available at SCDHEC.gov/Environment/Land-Waste/Underground-Storage-Tanks/Release-Assessment-Clean/Quality-Assurance.

Groundwater samples should be collected from all monitoring wells associated with this. Samples should be analyzed for BTEX, Naphthalene, MTBE, 1,2-DCA, the 8 oxygenates, and EDB. All wells should be purged prior to sampling.

Your contractor must complete the SSWP and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence concerning this site, please reference UST Permit #02261. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at feltzal@dhec.sc.gov.

Sincerely,

Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Geological Resources Inc., 3502 Hayes Road, Monroe, NC 28110
Technical file

Geological Resources, Inc.

UST
MAY 01 2020
PROGRAM

April 28, 2020

Ms. Amanda Feltz
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
50
DOCKETING

Re: GRI Proposal No. 20-251
Site Specific Work Plan
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
UST Permit No. 02261
GRI Project No. 3289

Dear Ms. Feltz:

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
Senior Project Manager

JOHN M. BROWN
REGISTERED
No. 1116
SOUTH CAROLINA
PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License #1116

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
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: Amanda Feltz (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: 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: 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: _____ Tons Purge Water: 300 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
Sample monitoring wells MW-1 through MW-35, 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: _____

NA 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

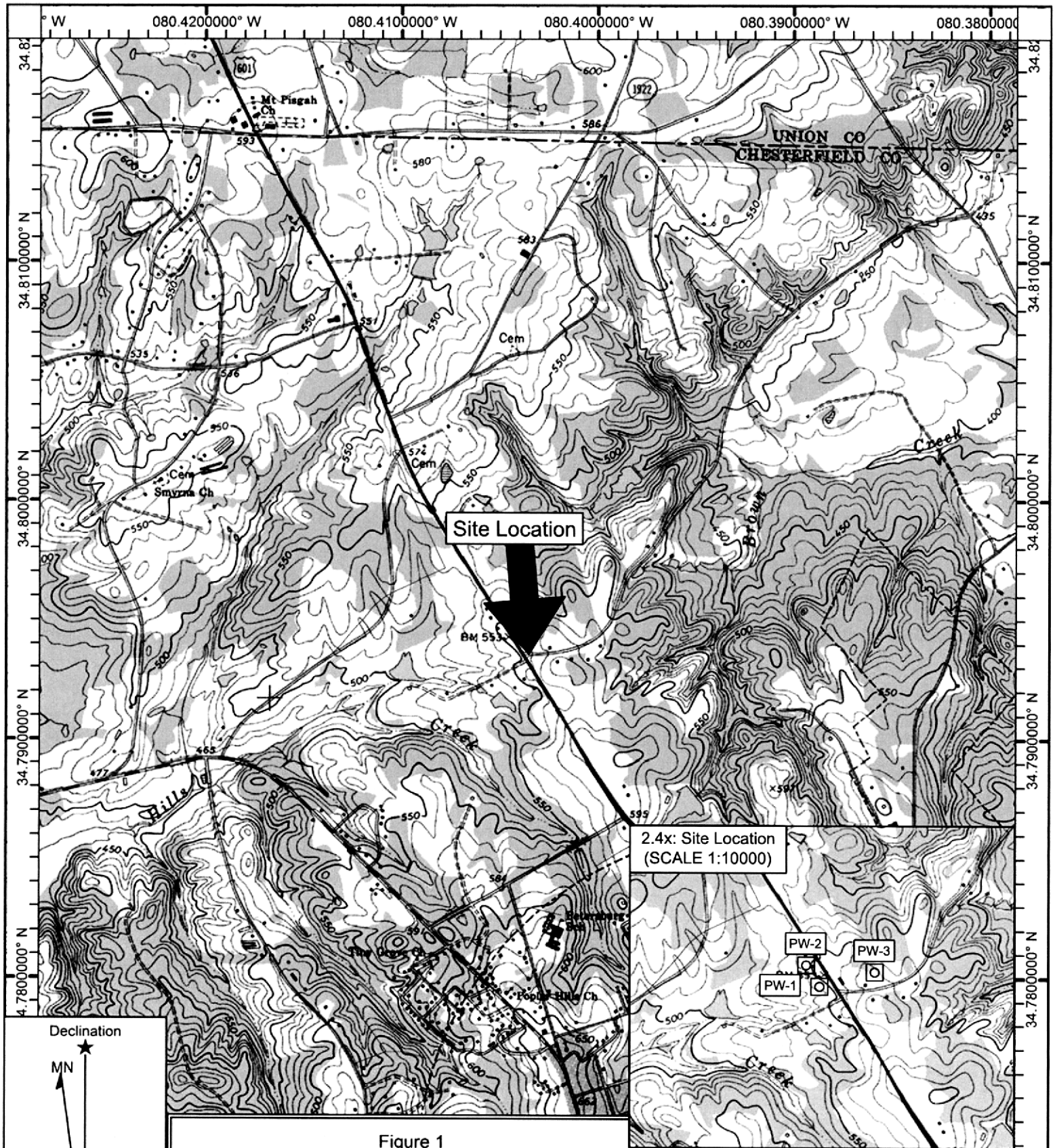


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

Name: Topographic Map
Date: 04/19/16
Scale: 1 inch = 2,000 ft.

Map Center Location: 034.7940878° N 080.4035483° W

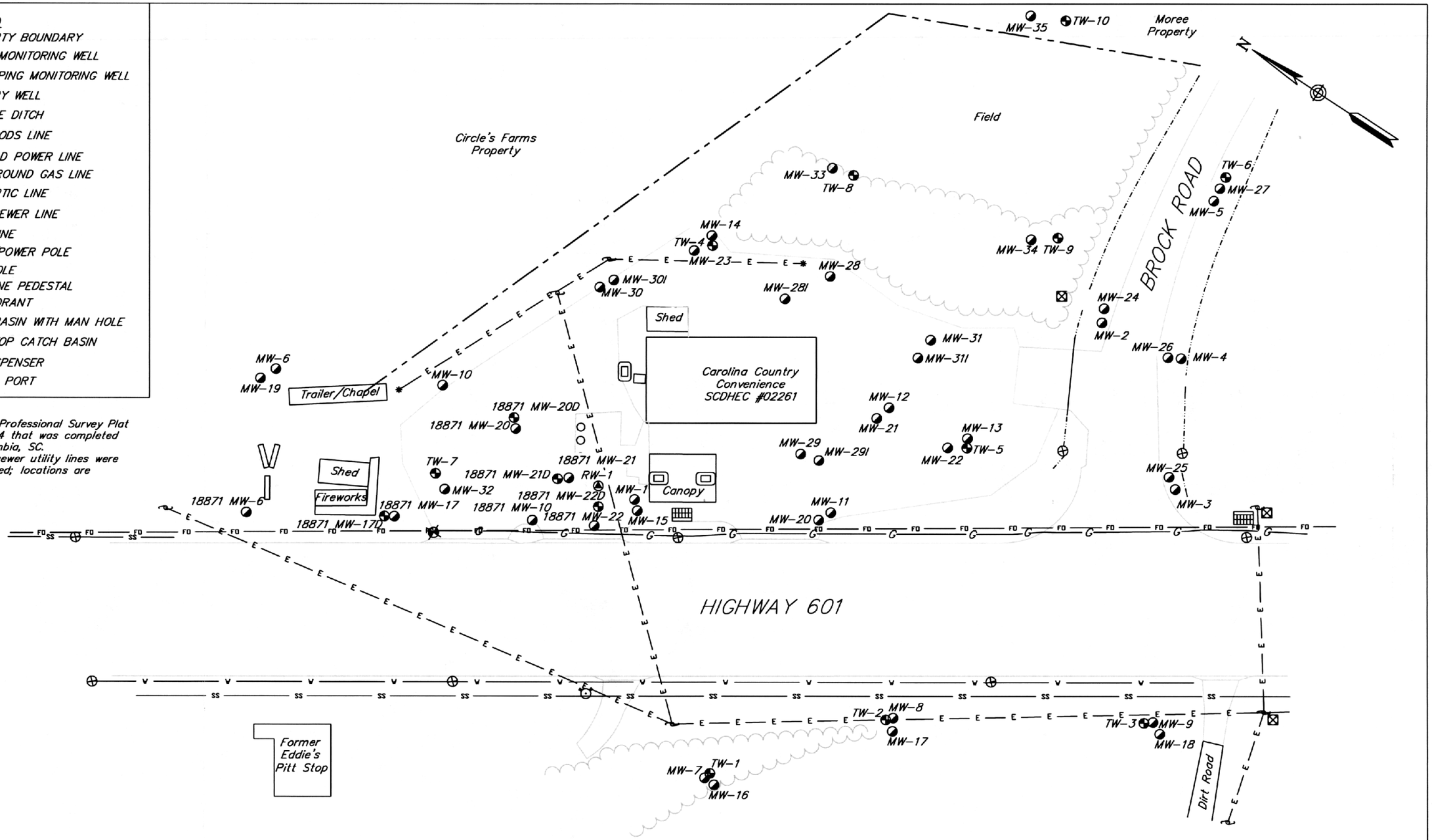
Generated by Geological Resources, Inc.


N
LEGEND
Water Supply Well
030-000-000-005 Parcel ID Number
Outline of Pond
PW-2
PW-1
030-000-000-003
030-000-000-005
030-000-000-004
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

dhec
Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: **Carolina Country Convenience**

GRI Prop. No. 20-251

UST Permit #: 02261 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. **Plan Preparation**					
1. Site-specific Work Plan	1	each	$160.05		$160.05
2. Tax Map		each	$74.69		$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
B. **Receptor Survey ***		each	$587.92		$0.00
C. **Survey (500 ft x 500 ft)**					
1. Comprehensive Survey		each	$1,109.68		$0.00
Subsurface Geophysical Survey					
2. < 10 meters below grade		each	$1,387.10		$0.00
3. > 10 meters below grade		each	$2,464.77		$0.00
4. Geophysical UST or Drum Survey		each	$970.97		$0.00
D. **Mob/Demob**					
1. Equipment		each	$1,088.34		$0.00
2. Personnel	2	each	$451.34		$902.68
3. Adverse Terrain Vehicle		each	$533.50		$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34		$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***					
1. Standard		per foot	$16.01		$0.00
2. Fractured Rock		per foot	$21.55		$0.00
G. **Soil Leachability Model**		each	$64.02		$0.00
H. **Abandonment (per foot)***					
1. 2" diameter or less		per foot	$3.31		$0.00
2. Greater than 2" to 6" diameter		per foot	$4.80		$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00		$0.00
I. **Well Installation (per foot)***					
1. Water Table (hand augered)		per foot	$11.31		$0.00
2. Water Table (drill rig) 2" Diameter		per foot	$40.55		$0.00
3. Telescoping		per foot	$53.35		$0.00
4. Rock Drilling		per foot	$61.89		$0.00
5. 2" Rock Coring		per foot	$32.97		$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64		$0.00
7. Recovery Well (4" diameter)		per foot	$48.02		$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01		$0.00
9. Rotosonic (2" diameter)		per foot	$46.95		$0.00
10. Re-develop Existing Well		per foot	$11.74		$0.00

J. Groundwater Sample Collection / Gauge Depth to Water or Product *					
1. Groundwater Purge	49	per well	$64.02		$3,136.98
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate	2	sample	$23.47		$46.94
4. Groundwater No Purge or Duplicate or Grab	3	sample	$29.88		$89.64
5. Gauge Well only		sample	$7.47		$0.00
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank	3	sample	$26.25		$78.75
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank	2	sample	$26.25		$52.50
K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	56	per sample	$130.17		$7,289.52
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011	55	per sample	$48.23		$2,652.65
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)	4	per sample	$132.36		$529.44
15. 7-OXYGENATES & ETHANOL (8260B)	4	per sample	$97.90		$391.60
16. EDB (504.1)	3	per sample	$84.83		$254.49
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. **Analyses-Soil**					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer		per sample	$110.97		$0.00
24. Total Organic Carbon		per sample	$32.65		$0.00
K. **Analyses-Air**					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. **Analyses-Free Phase Product**					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. **Aquifer Characterization***					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test		per test	$203.80		$0.00
3. Fractured Rock		per test	$106.70		$0.00

M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***		each	$260.00		$0.00
Q. **Disposal (gallons or tons)***					
1. Wastewater	300	gallon	$0.60		$180.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal		ton	$64.02		$0.00
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00
X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00

6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*		each	$53.35		$0.00
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*		each	$125.91		$0.00
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock		each	$16.00		$0.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*		each	$160.05		$0.00
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$15,765.24		$1,891.83
TOTAL					$17,657.07

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary

dhec
Healthy People Healthy Communities.

JUN 0 4 2020

UST 51 DOCKETING

MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

Re: **Site-Specific Work Plan Approval and Groundwater Sampling Notice to Proceed**
Carolina Country Convenience, 1908 Hwy 601 N, Pageland, SC
UST Permit #02261; CA #61659
Release #2 reported October 11, 2012
Site Specific Work Plan received May 1, 2020
Chesterfield County

Dear Mr. Wallace:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site Specific Work Plan (SSWP) submitted by your contractor. All work should be conducted in compliance with the most recent revision of the UST QAPP, your contractor's Annual Contractor Quality Assurance Plan, and all applicable regulations. A copy of the current revision of the UST QAPP is available at https://www.scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

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.

Please note the following changes to the cost agreement and SSWP:

- Increased D.2. by 1
- Removed 2 Equipment Blanks
- Decreased K.1. by 1
- Decreased K.7. by 1

The contractor must provide notification to the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes to the schedule, the UST Project Manager must be contacted within 24 hours of those changes.

Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. **The Monitoring Report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the UST Division within sixty (60) days of the date of this correspondence.** 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 the SUPERB Account cannot compensate any costs that are not pre-approved. If for any reason additional tasks will be completed, these additional tasks, and the associated cost, must be pre-approved by the UST Division for the cost to be paid. The UST Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the UST Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by the SUPERB Site Rehabilitation and Fund Access Regulation, R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis 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 feltzal@dhec.sc.gov.

Sincerely,



Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

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

Approved Cost Agreement 61659

Facility 02261 CAROLINA COUNTRY CONVENIENCE

FELTZAL

PO Number

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
A PLAN PREPARATION						
		1	SITE SPECIFIC WORK PLAN	1 0000	$160 050	160 05
D MOB/DEMOB						
		2	PERSONNEL	3 0000	$451 340	1,354 02
J SAMPLE COLLECTION						
		1	GROUND WATER PURGE	49 0000	$64 020	3,136 98
		3	WATER SUPPLY SAMPLE/ DUPLICATE	2 0000	$23 470	46 94
		4	GROUNDWATER NO-PURGE/DUPL/GRAB	3 0000	$29 880	89 64
		8	FIELD BLANK	3 0000	$26 250	78 75
K ANALYSES						
	DW DRINKING WATER	14	BTEXNM+1,2 DCA (524 2) WSW	4 0000	$132 360	529 44
		15	OXYGENATES & ETHANOL 8260B WSW	4 0000	$97 900	391 60
		16	EDB (504 1) WSW	3 0000	$84 830	254 49
	GW GROUNDWATER	1	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	55 0000	$130 170	7,159 35
		7	EDB BY EPA 8011	54 0000	$48 230	2,604 42
Q DISPOSAL						
		1	WASTEWATER	300 0000	$0 600	180 00
S REPORT PROJECT MANAGEMENT						
		S	REPORT PREP & PROJ MANAGEMENT	0 1200	$15,985 680	1,918 28
					Total Amount	17,903 96

Geological Resources, Inc.

UST
SEP 01 2020
PROGRAM

August 21, 2020

Ms. Amanda Feltz,
SCDHEC
UST Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, SC 29201

UST
52
Tech
DOCKETING

Re: Ground Water Monitoring Report
July 2020
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
South Carolina
UST Permit Number 02261
GRI Project No. 3289

Dear Ms. Feltz,

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

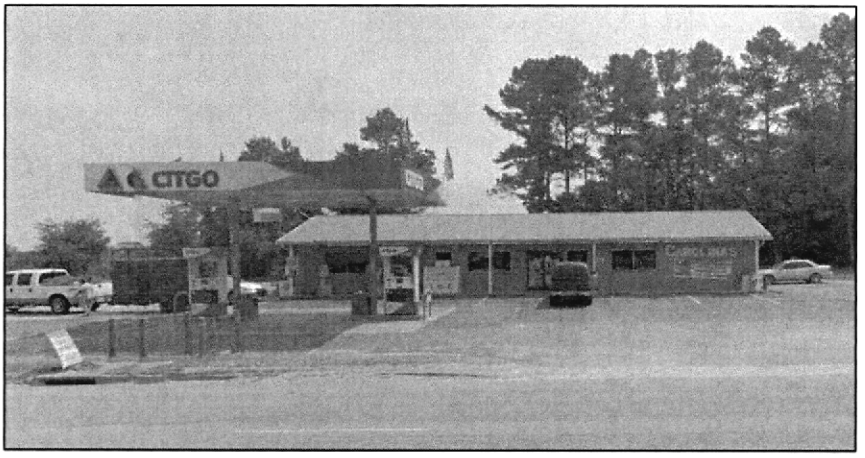
Enclosure

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

Geological Resources, Inc.

Ground Water Monitoring Report
July 2020
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
South Carolina
UST Permit Number: 02261
GRI Project Number: 3289



Prepared for:

Michael Wallace
Carolina Country LLC
1908 Highway 601 North
Pageland, South Carolina 29728

August 28, 2020

JOHN M. BROWN REGISTERED 1116 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License No. 1116

W. Scott Ball
Project Manager

3502 Hayes Road • Monroe, North Carolina 28110
113 West Firetower Road, Suite G • Winterville, North Carolina 28590
Phone (704) 845-4010 • (888) 870-4133 • Fax (704) 845-4012
Class 1 UST Site Rehabilitation Contractor #74

TABLE OF CONTENTS

1. INTRODUCTION 1
1.1 Project Background 1
1.2 Regional Geology/Hydrogeology 1
2. SITE INFORMATION 1
3. ASSESSMENT INFORMATION 2
3.1 Site Geology/Hydrogeology 2
3.2 Ground Water Quality 4
4. QA/QC 6
5. CONCLUSIONS AND RECOMMENDATIONS 6
6. LIMITATIONS 7

FIGURES

Figure 1: Site Location Map
Figure 2: Site Vicinity Map
Figure 3: Site Map
Figure 4: Potentiometric Surface Map – Shallow Wells
Figure 5: Potentiometric Surface Map – Intermediate Wells
Figure 6: Potentiometric Surface Map – Deep Wells
Figure 7: Ground Water Quality Map – Shallow Wells
Figure 8: Ground Water Quality Map – Intermediate Wells
Figure 9: Ground Water Quality Map – Deep Wells

TABLES

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

APPENDICES

Appendix A: Laboratory Analytical Report - Ground Water Samples
Appendix B: Field Data Information Sheets
Appendix C: Purge Water Disposal Manifest
Appendix D: Contractor Checklist

1. INTRODUCTION

1.1 Project Background

This report presents the results of ground water sampling activities conducted in July 2020 at the Carolina Country Convenience site, located at 1908 Highway 601 North in Pageland, Chesterfield County, South Carolina (**Figure 1**). The activities were conducted in accordance with the Site-Specific Work Plan Approval and Groundwater Sampling Notice to Proceed dated June 4, 2020 from the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the activities was to obtain current ground water quality data for the site. The site currently contains an active petroleum retail facility and convenience store. Adjacent properties are currently used for residential, agricultural and limited commercial purposes.

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 COCs above the RBSLs. Public water is available to and used by many of the residential and commercial properties in the area.

Three water supply wells (PW-1 through PW-3) were identified within a 1,000-foot radius of the source area. PW-1 is currently out-of-service and located within a locked, fenced area at the former Eddies Pitt Stop site. PW-2 is not in service and the residence where the well is located is using municipal water. PW-3 is currently used as a source of potable water. One surface water body, a farm pond, is located approximately 915 feet to the southwest of the source area. No underground structures were identified within 1,000 feet of the site. Underground utilities (water and sewer lines) are located along Highway 601 on the west side of the site. Fiber optic lines are also located along Highway 601 also on the western edge of the site. A Site Vicinity Map showing the locations of the water supply wells and ponds is included as **Figure 2**. The last comprehensive ground water sampling event conducted at the site occurred in August and September 2019. Contaminants of concern (COCs) above their respective risk-based screening levels (RBSLs) and/or action levels have been reported in several monitoring wells at the site. This report summarizes the July 2020 ground water monitoring results.

1.2 Regional Geology/Hydrogeology

The site is located in Chesterfield County in the Carolina Slate Belt of metamorphic rocks. Locally, the Slate Belt consists of metamudstone and meta argillite, thin to thick bedded and interbedded with meta mudstone, meta conglomerate and meta volcanic rock. The hydrology in the Slate Belt can be complex with unconfined, confined and semi-confined aquifers.

2. SITE INFORMATION

- **Site Identification**
  - Site Name: Carolina Country Convenience
  - Location of Source Area: 1908 Highway 601 North
    Pageland, SC 29728

Chesterfield County
34.7940878°N, 80.4035483°W (Topographical Map)

- UST Permit Number: 02261
- Land Use: Commercial

- **Information about Contacts Associated with the Leaking UST System**

UST/AST Owner
Abdul Almontaser
1908 Hwy 601 N
Pageland, SC 29728
(704) 338-2968

Property Owner
Wilson, Inc
P.O. Box 1839
Lancaster, SC 29721
(803) 283-8468

Analytical Laboratory
SGS North America, Inc.
4405 Vineland Road, Suite C-15
Orlando, FL 32811
State Certification No. 96038001
(407) 425-6700

UST/AST Operator
Abdul Almontaser
1908 Hwy 601 N
Pageland, SC 29728
(704) 338-2968

Site Rehabilitation Contractor
Geological Resources, Inc.
3502 Hayes Road
Monroe, NC 28110
704-845-4010
Class 1, Certification Number 74

- **Information about Release**
  - Release was discovered October 11, 2012
  - An unknown amount of product was released from a leaking UST system
  - One 10,000-gallon regular gasoline UST, one 6,000-gallon regular gasoline UST, and one 6,000-gallon premium gasoline UST are currently in use at the site.

3. ASSESSMENT INFORMATION

3.1 Site Geology/Hydrogeology

Based on the data obtained during previous subsurface investigations, the site and the immediate vicinity are underlain by various silts, clays and sands which represent the weathered products of the underlying metamorphic rocks. These materials grade into more competent bedrock at depths ranging from approximately 30 to 45 feet below ground surface.

Thirty-seven Type III monitoring wells (MW-1 through MW-10, MW-12 through MW-22, MW-24 through MW-35, and MW-28I through MW-31I) and ten telescoping monitoring wells (TW-1 through TW-10) were gauged, purged, and sampled on July 15 and 16, 2020. Monitoring well MW-11 was not found, and MW-23 was reportedly destroyed. Therefore, those two monitoring wells were not sampled. The water supply well PW-3 was also sampled. The remaining monitoring wells and telescoping wells were purged using dedicated polyethylene bailers prior to sampling and the samples were subsequently submitted for laboratory analysis.

The depths to ground water in the Type III monitoring wells at the site, measured on July 15, 2020 ranged from 3.78 feet to 27.38 feet below the top of casings. Depths to ground water in the telescoping wells ranged from 10.72 to 30.29 feet. Based on the depth of the monitoring well screen intervals, the wells were classified as shallow, intermediate or deep. Ground water elevations in the shallow monitoring wells relative to a GPS measured benchmark ranged from 83.27 to 91.34 feet. The shallow horizontal hydraulic

gradient across the site was approximately 0.04 feet/foot to the west and east. Ground water elevations in the intermediate monitoring wells ranged from 86.06 to 92.13 feet. The intermediate horizontal hydraulic gradient across the site was approximately 0.01 feet/foot north and west. Ground water elevations in the deep monitoring wells (Type II and telescoping) ranged from 85.43 to 90.32 feet. The deep horizontal hydraulic gradient across the site was approximately 0.02 feet/foot to the north and west. The vertical hydraulic gradients for shallow and deep well pairs MW-16/TW-1, MW-17/TW-2, MW-18/TW-3, MW-22/TW-5, and MW-27/TW-6 ranged between 0.023 feet/foot downward and 0.054 feet/foot upward. The vertical hydraulic gradients for intermediate and deep wells pairs MW-7/TW-1, MW-8/TW-2, MW-9/TW-3, MW-14/TW-4, MW-13/TW-5, MW-5/TW-6, MW-32/TW-7, MW-33/TW-8, MW-34/TW-9, and MW-35/TW-10 are between 0.124 feet/foot downward and 0.001 feet/foot upward. A Site Map showing the locations of the monitoring wells and the structures on-site has been included as **Figure 2**. Shallow, intermediate and deep potentiometric surface maps have been included as **Figures 4, 5, and 6**, respectively. A summary of ground water gauging data for the July 2020 sampling event is presented in **Table 1**. A summary of the July 2020 gauging data is shown below:

Well No.	Top of Casing Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)
MW-1	101.09	12.52	88.57	35	25-35
MW-2	105.45	16.60	88.85	42	37-42
MW-3	102.34	13.21	89.13	42	37-42
MW-4	103.89	14.65	89.24	42	37-42
MW-5	109.60	20.29	89.31	42	37-42
MW-6	100.93	3.78	97.15	35	30-35
MW-7	96.55	10.49	86.06	30	25-30
MW-8	97.79	10.51	87.28	30	25-30
MW-9	101.45	13.79	87.66	30	25-30
MW-10	102.08	14.48	87.60	35	30-35
MW-11	101.41	NM	NM	35	30-35
MW-12	103.43	13.81	89.62	35	30-35
MW-13	102.12	12.81	89.31	35	30-35
MW-14	104.11	16.12	87.99	35	30-35
MW-15	101.01	10.91	90.10	25	15-25
MW-16	93.76	10.49	83.97	25	15-25
MW-17	95.32	6.28	89.04	25	15-25
MW-18	97.70	11.22	86.48	24	14-24
MW-19	100.86	13.52	87.34	30	15-30
MW-20	101.50	12.98	88.52	30	15-30
MW-21	103.41	12.07	91.34	30	15-30
MW-22	102.01	12.82	89.19	30	15-30
MW-23	103.98	NM	NM	30	15-30
MW-24	105.46	16.53	88.93	37	12-37
MW-25	102.33	12.94	89.39	37	12-37
MW-26	103.87	14.63	89.24	37	12-37
MW-27	109.95	20.96	88.99	37	12-37
MW-28	104.81	16.44	88.37	30	15-30
MW-29	102.75	13.24	89.51	30	15-30
MW-30	103.35	15.21	88.14	30	15-30
MW-31	103.48	14.33	89.15	30	15-30

Well No.	Top of Casing Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Constructed Well Depth (ft)	Screened Interval (ft)
MW-32	99.99	7.62	92.37	35	20-35
MW-33	113.97	25.99	87.98	40	20-40
MW-34	115.98	27.38	88.60	50	30-50
MW-35	118.89	26.76	92.13	50	30-50
MW-28I	104.27	16.03	88.24	56	51-56
MW-29I	102.70	13.88	88.82	56	51-56
MW-30I	103.28	15.56	87.72	56	51-56
MW-31I	103.48	13.16	90.32	56	51-56
TW-1	96.74	11.31	85.43	56	51-56
TW-2	96.76	10.72	86.04	56	51-56
TW-3	101.30	14.14	87.16	56	51-56
TW-4	104.00	16.28	87.72	61	56-61
TW-5	102.09	13.09	89.00	61	56-61
TW-6	110.32	21.24	89.08	68	63-68
TW-7	100.01	13.32	86.69	61	56-61
TW-8	113.63	25.99	87.64	68	63-68
TW-9	115.72	27.09	88.63	68	63-68
TW-10	118.47	30.29	88.18	68	63-68

3.2 Ground Water Quality

Field readings (pH, specific conductivity, temperature, dissolved oxygen, and turbidity) were collected from the purged wells after each well volume was removed and recorded on field data information sheets. Ground water samples collected from the monitoring wells were analyzed for the following compounds: BTEX, MTBE, naphthalene, 1, 2-DCA and 8 oxygenates by EPA Method 8260B, and EDB by Method 8011.

Concentrations of 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-2, MW-12 through MW-15, MW-20 through MW-22, MW-28 through MW-31, MW-33, MW-34, MW-28I through MW-31I, TW-4, TW-8 and TW-9. Concentrations of oxygenates TAA, TBA and/or TAME that exceeded the action levels were reported in ground water samples MW-1, MW-12 through MW-15, MW-20 through MW-22, MW-28, MW-29, MW-31, MW-33, MW-28I, MW-29I, MW-31I, TW-4, and TW-8. Contaminant concentrations in the water supply well sample (PW-3) were not detectable. A summary of the July 2020 ground water sampling data is shown below:

Well No.	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB
RBSL (µg/l)	**5**	**1,000**	**700**	**10,000**	**40**	**25**	**5**	**0.05**
MW-1	**13,500**	636	**903**	3,470	**1,800**	<250	**537**	**0.45**
MW-2	<0.31	<0.30	<0.36	0.96 J	<0.23	<1.0	<0.31	**0.15**
MW-3	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-4	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-5	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
MW-6	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093
MW-7	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
MW-8	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.012 J

Well No.	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	1,2-DCA	EDB
MW-9	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
MW-10	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
MW-11	NS	NS	NS	NS	NS	NS	NS	**NS**
MW-12	**12,400**	**9,020**	**1,880**	8,530	**443**	**544 J**	**270**	**42.5**
MW-13	**2,100**	65.3	480	2,890	<5.7	**512**	**15.6 J**	**3.3**
MW-14	**7,320**	**10,800**	505	6,240	**149 J**	**391 J**	**168 J**	**114**
MW-15	**13,800**	**18,400**	**1,200**	6,830	**1,640**	**410 J**	**427**	**90.9**
MW-16	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.012 J
MW-17	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.011 J
MW-18	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
MW-20	**8,040**	**21,800**	**1,310**	7,870	**218 J**	**361 J**	**133 J**	**63.5**
MW-21	**15,600**	**11,400**	**2,350**	**11,300**	**575**	**673 J**	**397**	**73.3**
MW-22	**3,140**	**1,030**	**1,570**	5,200	<11	**708**	**28.0 J**	**4.6**
MW-23	NS	NS	NS	NS	NS	NS	NS	NS
MW-24	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.036
MW-25	<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	<0.0094
MW-27	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
MW-28	**21,900**	**13,500**	**1,360**	7,840	**5,740**	**461 J**	**1,290**	**268**
MW-29	**2,060**	**5,840**	**2,220**	**12,800**	<23	**763**	<31	**3.2**
MW-30	**80.3**	78.8	553	1,660	<2.3	**272**	<3.1	**0.21**
MW-31	**14,100**	**18,500**	**1,530**	8,530	**290**	**387 J**	**351**	**131**
MW-32	0.84 J	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
MW-33	**1,210**	<6.0	48.5	268	**112**	**277**	**42.6**	**2.9**
MW-34	<0.31	<0.30	<0.36	<0.72	1.4	<1.0	<0.31	**0.11**
MW-35	<0.31	<0.30	<0.36	<0.72	0.87 J	<1.0	<0.31	<0.0094
MW-28I	**9,260**	280	235	1,610	**1,830**	**293 J**	**387**	**1.1**
MW-29I	**39.3**	1.6 J	4.1 J	7.9 J	**55.8**	<5.0	**20.4**	**0.72**
MW-30I	**47.9**	25.6	103	454	<0.57	**48.6**	<0.78	**0.074**
MW-31I	**1,450**	56.4	79.0	584	**316**	**95.9 J**	**89.0**	**0.64**
TW-1	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
TW-2	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094
TW-3	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
TW-4	**6,260**	63.4 J	205	323	**1,320**	<100	**321**	**0.59**
TW-5	3.0	0.54 J	0.99 J	1.0 J	15.0	<1.0	4.3	<0.0095
TW-6	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095
TW-7	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.016 J
TW-8	**97.1**	0.42 J	2.2	0.77 J	**633**	1.1 J	**83.8**	<0.0095
TW-9	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	**0.11**
TW-10	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.009

Ground water quality maps for the shallow, intermediate and deep wells based on data from the July 2020 sampling event have been included as **Figures 7, 8, and 9**, respectively. Summaries of ground water analytical results are presented in **Table 2** and **Table 3**. A complete laboratory analytical report has been

included as **Appendix A**. Field Data Information Sheets are attached as **Appendix B**. A disposal manifest for the purge water generated during the sampling event has been included as **Appendix C**.

4. QA/QC

Monitoring well gauging, purging and sampling was conducted in general accordance with the SCDHEC Programmatic QAPP and the approved site specific Contractor Addendum. All wells were purged and sampled with dedicated disposable bailers. All field measurement equipment was properly decontaminated between sampling locations. Duplicate samples from monitoring well MW-1 (DUP A), MW-14 (DUP-B), MW-21 (DUP-C), and field blanks were collected during the sampling activities. A laboratory provided trip blank was included in the sample cooler. Laboratory results for each sample and their respective duplicate sample showed the same compounds at similar concentrations. No detectable concentrations of requested method constituents were reported in the field blank or trip blank. A duplicate sample from water supply well PW-3 and water supply well field blank were also collected. A laboratory provided water supply well trip blank was included in the sample cooler. A detectable concentration of TBA which did not exceed the Action Level was reported in the water supply well trip blank. No other detectable concentrations of target analytes were reported for the water supply well sample, the duplicate, the trip blank or the field blank. All applicable items on the Contractor Checklist were reviewed and verified. A copy of the Contractor Checklist is included as **Appendix D**.

5. CONCLUSIONS AND RECOMMENDATIONS

- Thirty-seven Type III monitoring wells and ten telescoping monitoring wells were gauged, purged, and sampled on July 15 and 16, 2020.
- The depths to ground water in the Type III monitoring wells at the site, measured on July 15, 2020 ranged from 3.78 feet to 27.38 feet below the top of casings. Depths to ground water in the telescoping wells ranged from 10.72 to 30.29 feet.
- The shallow horizontal hydraulic gradient across the site was approximately 0.04 feet/foot west and east. The intermediate horizontal hydraulic gradient across the site was approximately 0.01 feet/foot north and west. The deep horizontal hydraulic gradient across the site was approximately 0.02 feet/foot west and north.
- The vertical hydraulic gradients for shallow and deep well pairs ranged between 0.023 feet/foot downward and 0.054 feet/foot upward. The vertical hydraulic gradients for intermediate and deep wells pairs were between 0.124 feet/foot downward and 0.001 feet/foot upward.
- Concentrations of 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-2, MW-12 through MW-15, MW-20 through MW-22, MW-28 through MW-31, MW-33, MW-34, MW-28I through MW-31I, TW-4, TW-8 and TW-9.
- Concentrations of oxygenates TAA, TBA and/or TAME that exceeded the action levels were reported in ground water samples MW-1, MW-12 through MW-15, MW-20 through MW-22, MW-28, MW-29, MW-31, MW-33, MW-28I, MW-29I, MW-31I, TW-4, and TW-8.
- No contaminant concentrations were reported in the water supply well PW-3 sample.

- Based on the collected information and presence of nearby potable water supply well PW-3, ground water sampling events should continue at the site as directed by SCDHEC.

6. LIMITATIONS

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

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

FIGURES

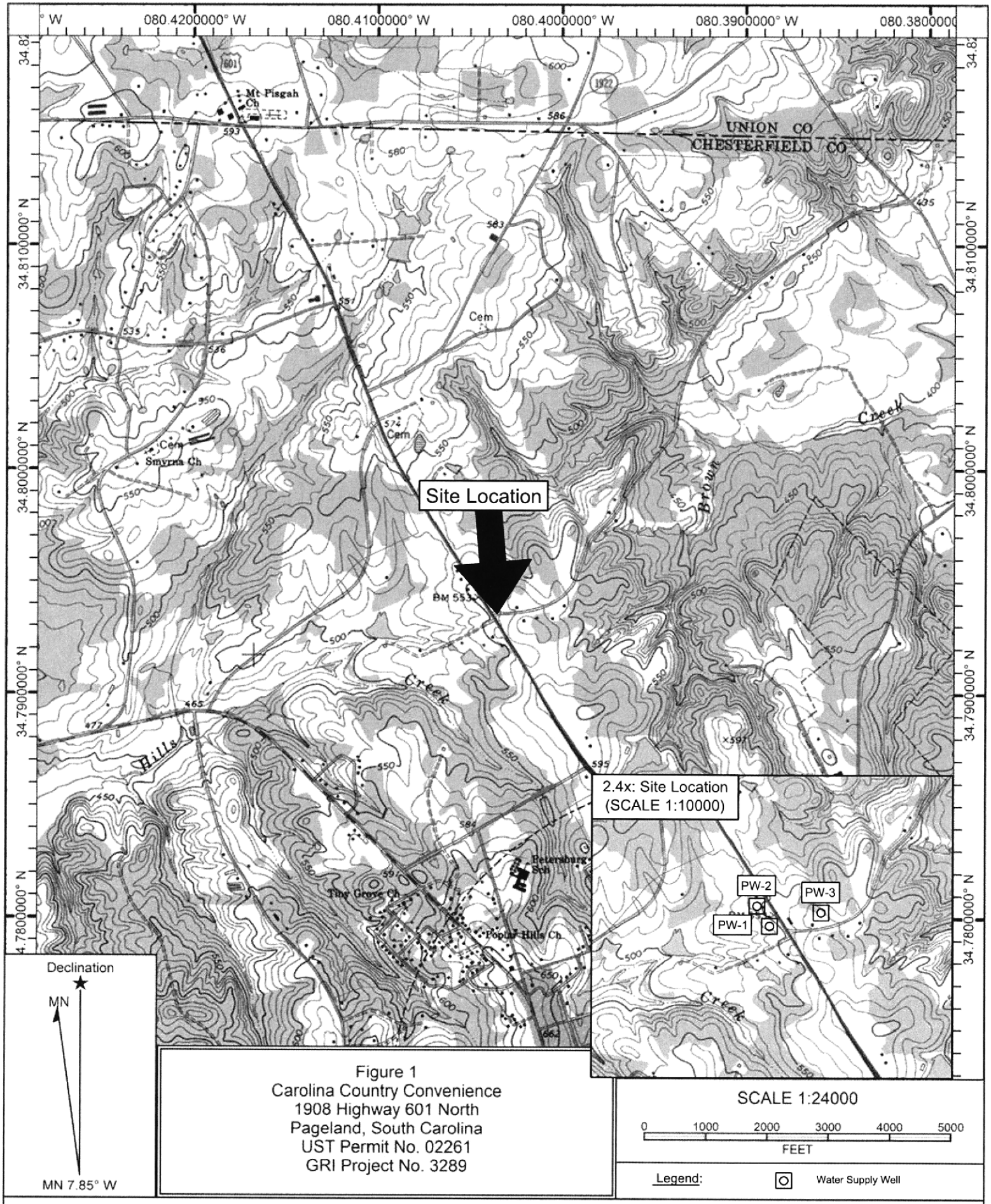


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

Name: Topographic Map
Date: 04/19/16
Scale: 1 inch = 2,000 ft.

Map Center Location: 034.7940878° N 080.4035483° W

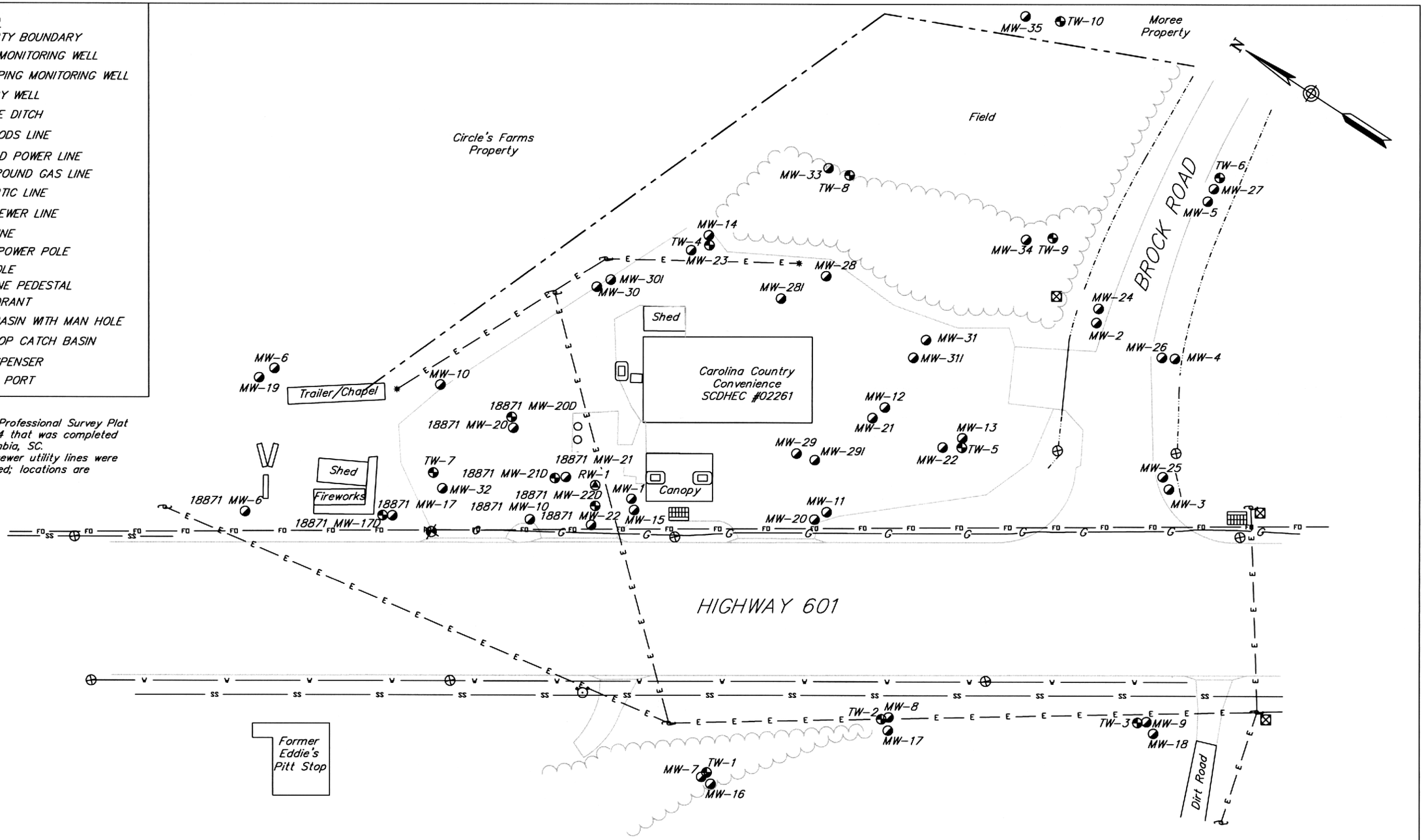
Generated by Geological Resources, Inc.


N
LEGEND
Water Supply Well
030-000-000-005
Parcel ID Number
Outline of Pond
PW-2
PW-1
030-000-000-003
030-000-000-005
030-000-000-004
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
1,000-FT RADIUS
POND
POND
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

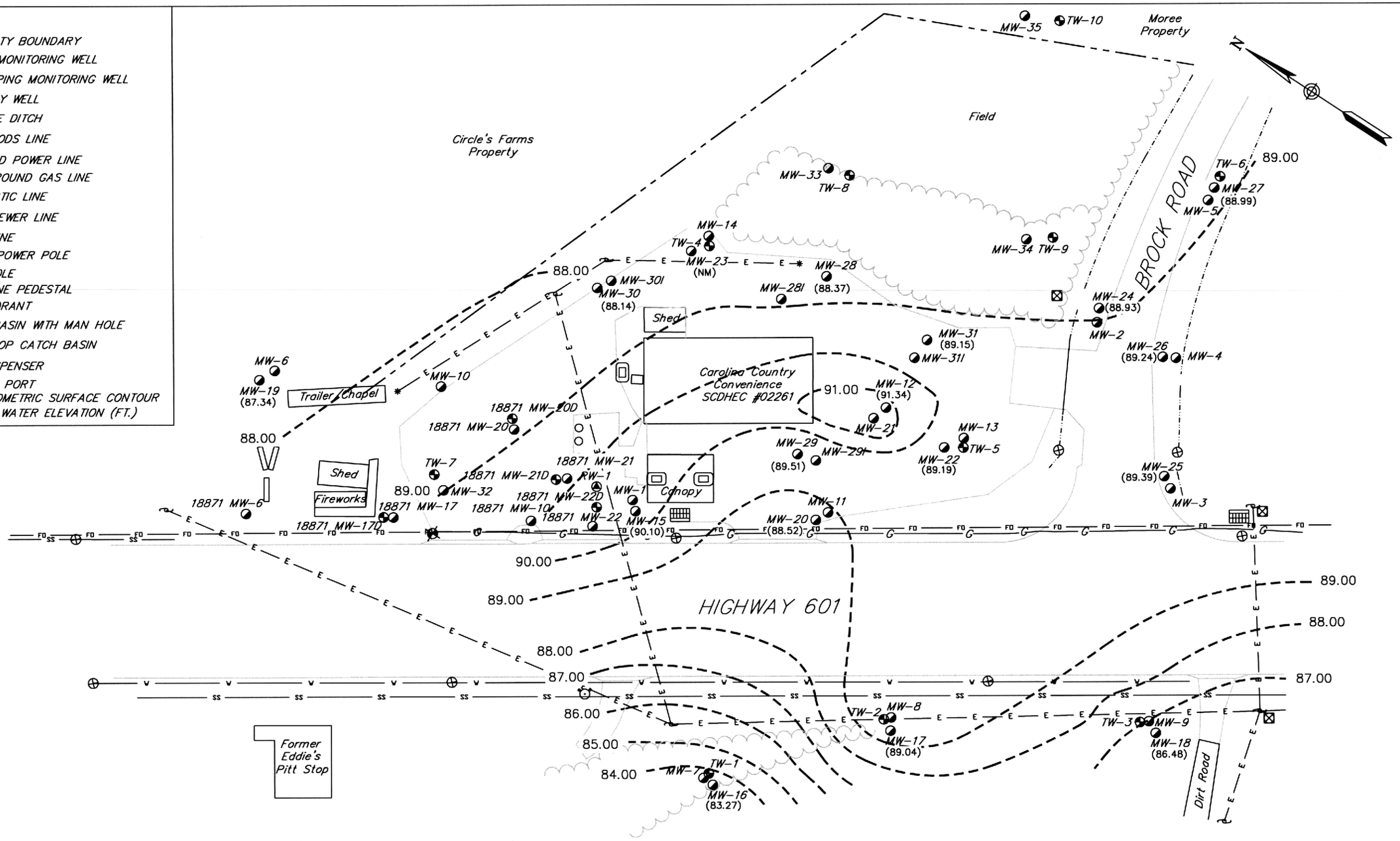
Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

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
- 89.00 POTENTIOMETRIC SURFACE CONTOUR
- (87.34) GROUND WATER ELEVATION (FT.)



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

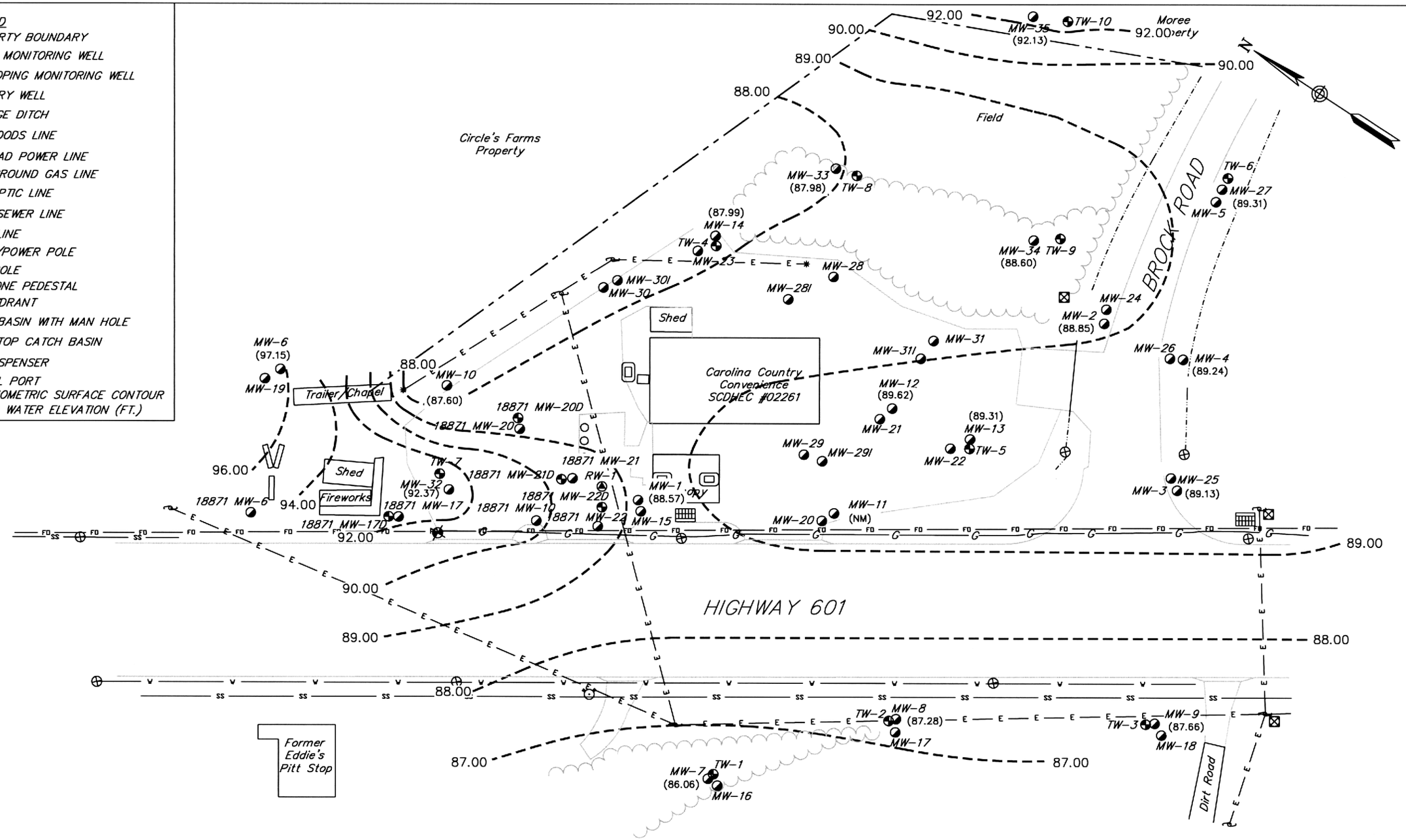
POTENTIOMETRIC SURFACE MAP – SHALLOW WELLS (07/15/2020)

Carolina Country Convenience UST Permit No. 02261 GRI Project No. 3289	1908 Highway 601 North Pageland, Chesterfield County, SC

Date:	08/23/2020	Drawn by:	DTH	Figure:	4

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
- 92.00 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 (07/15/20)

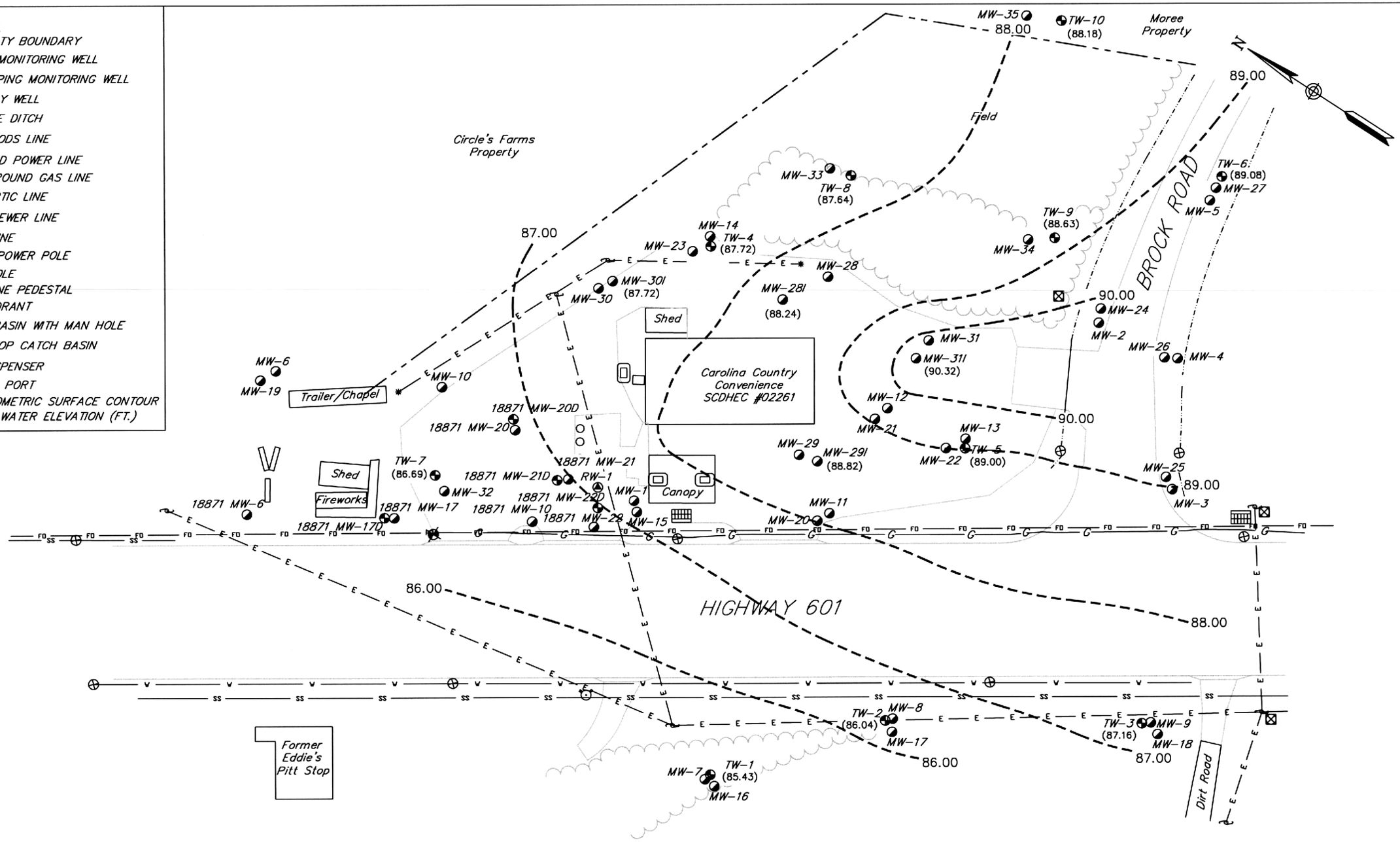
Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	08/22/2020	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
- 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
- 89.00 (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 (07/15/2020)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	08/22/2020	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

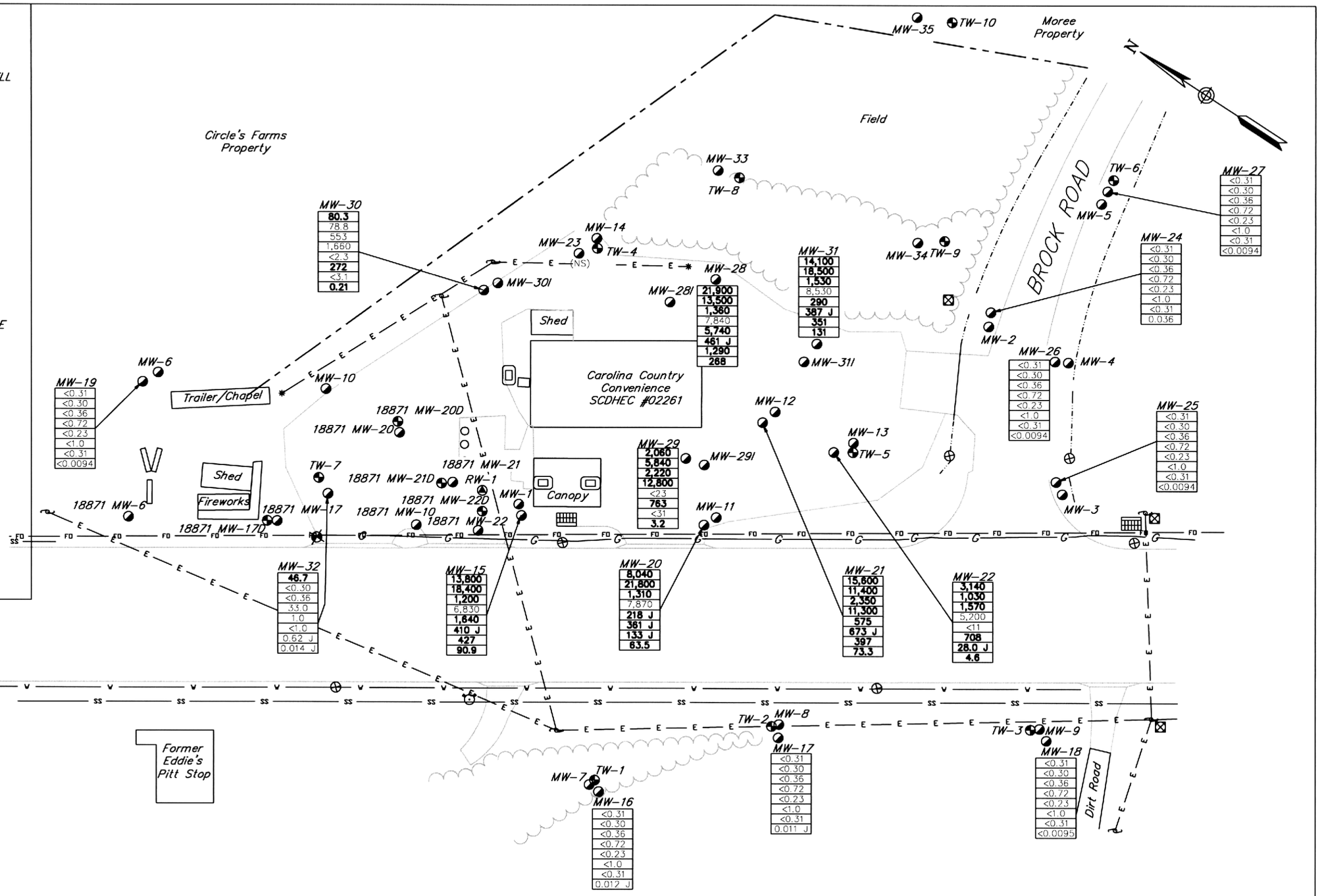
18,400	BENZENE
17,700	TOLUENE
1,350	ETHYLBENZENE
8,570	XYLENES
1,810	MTBE
<250	NAPHTHALENE
653	1,2-DCA
115	EDB

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



Geological Resources, Inc.

0 25 50 100

(IN FEET)
1 inch = 50 ft

GROUND WATER QUALITY MAP SHALLOW WELLS (07/15-16/20)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date: 08/22/2020 | Drawn by: DTH | Figure: 7

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

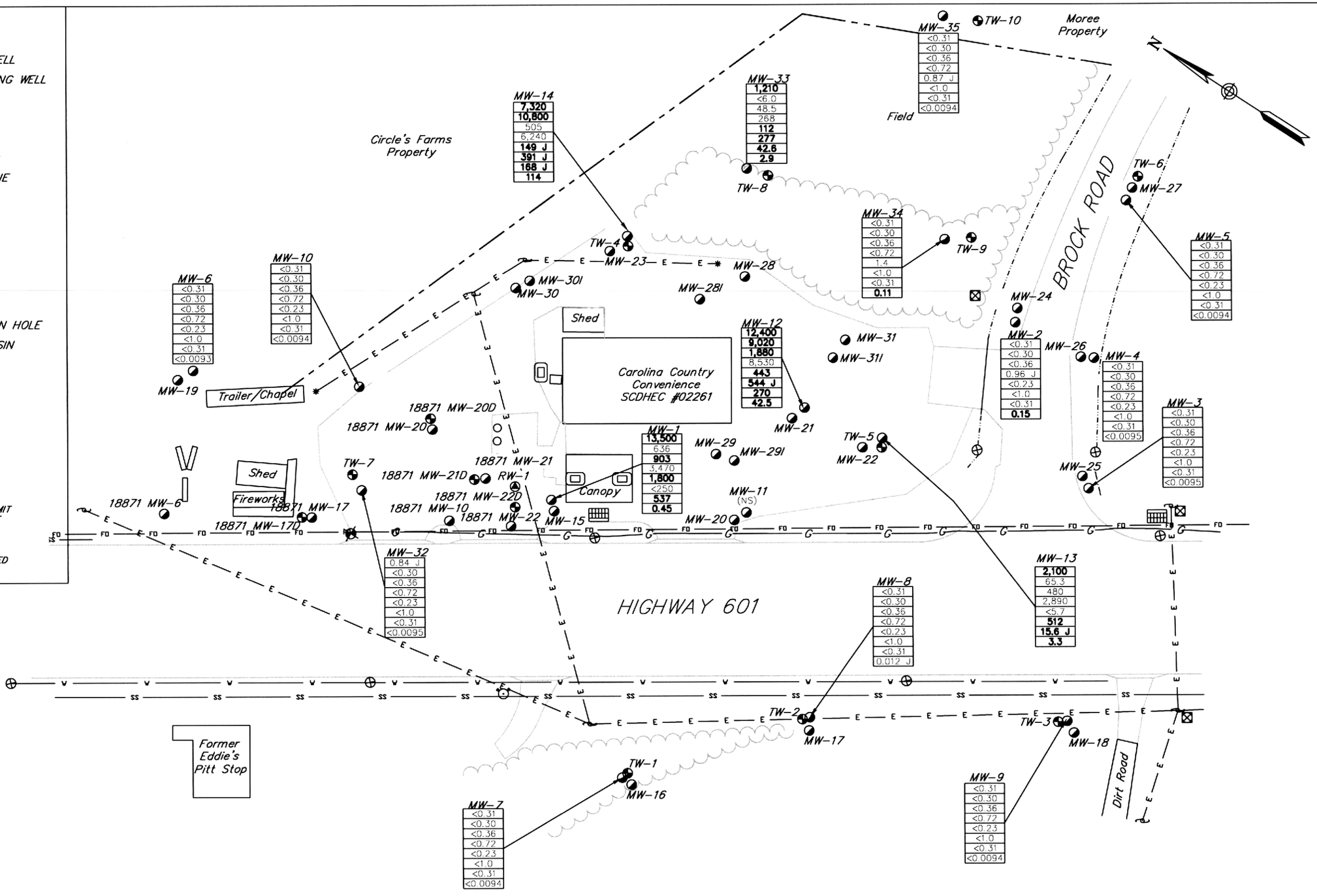
13,500	BENZENE
636	TOLUENE
903	ETHYLBENZENE
3,470	XYLENES
1,800	MTBE
<250	NAPHTHALENE
537	1,2-DCA
0.45	EDB

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 (07/15-16/20)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date:	08/22/2020	Drawn by:	DTH	Figure:	8

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

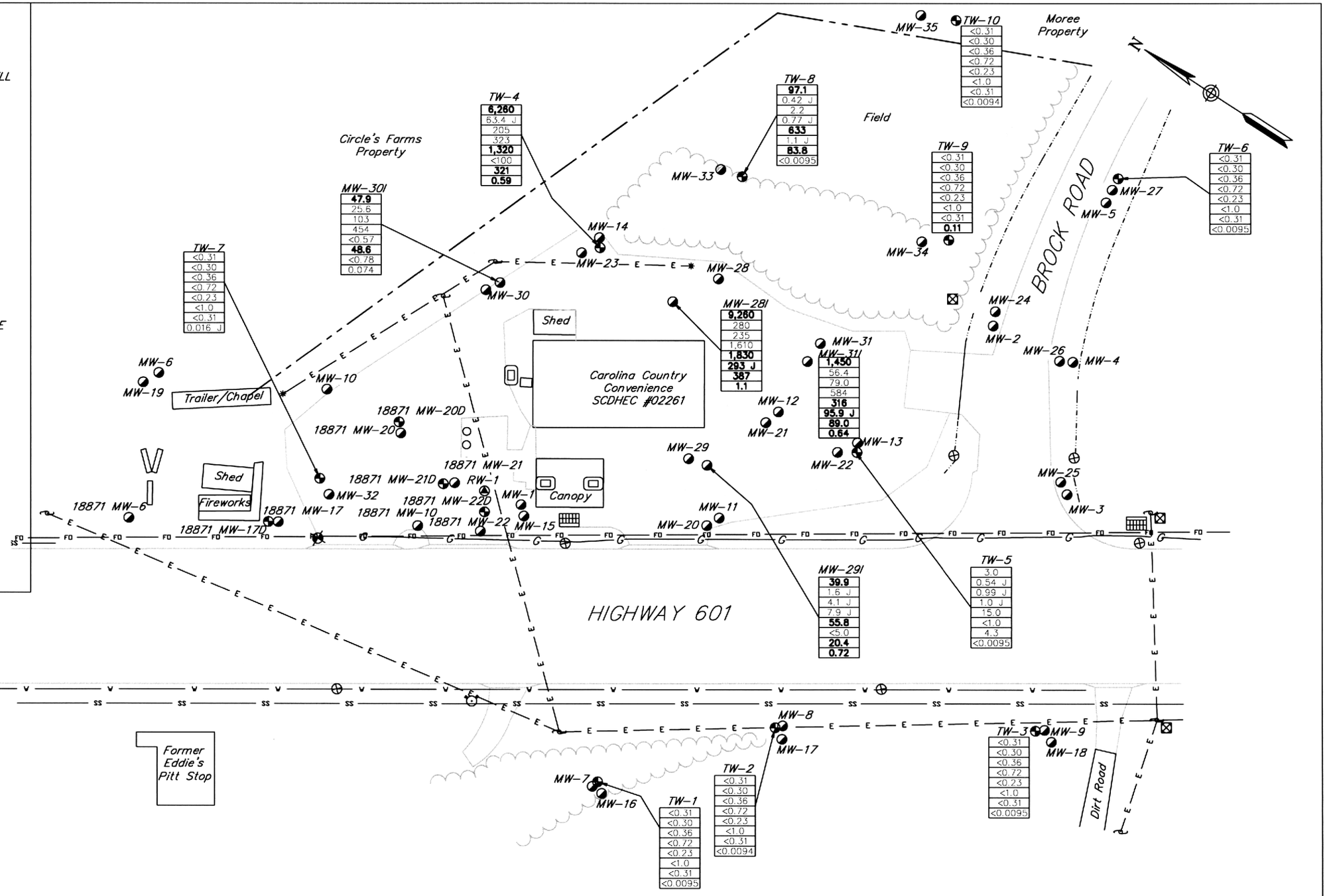
15,700	BENZENE
1,100	TOLUENE
1,890	ETHYLBENZENE
6,140	XYLENES
1,790	MTBE
483 J	NAPHTHALENE
441	1,2-DCA
3.0	EDB

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



0 25 50 100

(IN FEET)
1 inch = 50 ft

Geological Resources, Inc.

GROUND WATER QUALITY MAP DEEP WELLS (07/15-16/20)

Carolina Country Convenience
UST Permit No. 02261
GRI Project No. 3289

1908 Highway 601 North
Pageland, Chesterfield County, SC

Date: 08/23/2020 | 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 (I)	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		
	07/15/20		---	12.52	---	88.57		
02261 MW-2 (I)	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		
	07/15/20		---	16.60	---	88.85		
02261 MW-3 (I)	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		
	07/15/20		---	13.21	---	89.13		
02261 MW-4 (I)	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		
	07/15/20		---	14.65	---	89.24		
02261 MW-5 (I)	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		
	07/15/20		---	20.29	---	89.31		
02261 MW-6 (I)	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		
	07/15/20		---	3.78	---	97.15		
02261 MW-7 (I)	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		
	07/15/20		---	10.49	---	86.06		

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 (I)	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		
	07/15/20		---	10.51	---	87.28		
02261 MW-9 (I)	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		
	07/15/20		---	13.79	---	87.66		
02261 MW-10 (I)	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		
	07/15/20		---	14.48	---	87.60		
02261 MW-11 (I)	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		
	07/15/20		---	NM	---	NM		
02261 MW-12 (I)	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		
	07/15/20		---	13.81	---	89.62		
02261 MW-13 (I)	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		
	07/15/20		---	12.81	---	89.31		
02261 MW-14 (I)	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		
	07/15/20		---	16.12	---	87.99		

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-15 (S)	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		
	07/15/20		---	10.91	---	90.10		
02261 MW-16 (S)	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		
	07/15/20		---	10.49	---	83.27		
02261 MW-17 (S)	04/10/18	95.32	---	11.33	---	83.99	25	15-25
	01/30/19		---	0.88	---	94.44		
	08/26/19		---	NM	---	NM		
	07/15/20		---	6.28	---	89.04		
02261 MW-18 (S)	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		
	07/15/20		---	11.22	---	86.48		
02261 MW-19 (S)	04/10/18	100.86	---	22.56	---	78.30	30	15-30
	01/30/19		---	4.23	---	96.63		
	08/26/19		---	NM	---	NM		
	07/15/20		---	13.52	---	87.34		
02261 MW-20 (S)	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		
	07/15/20		---	12.98	---	88.52		
02261 MW-21 (S)	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		
	07/15/20		---	12.07	---	91.34		
02261 MW-22 (S)	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		
	07/15/20		---	12.82	---	89.19		
02261 MW-23 (S)	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		
	07/15/20		---	NM	---	NM		
02261 MW-24 (S)	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		
	07/15/20		---	16.53	---	88.93		
02261 MW-25 (S)	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		
	07/15/20		---	12.94	---	89.39		
02261 MW-26 (S)	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		
	07/15/20		---	14.63	---	89.24		
02261 MW-27 (S)	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		
	07/15/20		---	20.96	---	88.99		

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-28 (S)	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		
	07/15/20		---	16.44	---	88.37		
02261 MW-29 (S)	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		
	07/15/20		---	13.24	---	89.51		
02261 MW-30 (S)	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		
	07/15/20		---	15.21	---	88.14		
02261 MW-31 (S)	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		
	07/15/20		---	14.33	---	89.15		
02261 MW-32 (I)	09/03/19	99.99	---	20.07	---	79.92	35	20-35
	07/15/20		---	7.62	---	92.37		
02261 MW-33 (I)	09/03/19	113.97	---	39.06	---	74.91	*40	20-40
	07/15/20		---	25.99	---	87.98		
02261 MW-34 (I)	09/03/19	115.98	---	42.09	---	73.89	*50	30-50
	07/15/20		---	27.38	---	88.60		
02261 MW-35 (I)	09/03/19	118.89	---	43.95	---	74.94	50	30-50
	07/15/20		---	26.76	---	92.13		
02261 MW-28I (D)	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		
	07/15/20		---	16.03	---	88.24		
02261 MW-29I (D)	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		
	07/15/20		---	13.88	---	88.82		
02261 MW-30I (D)	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		
	07/15/20		---	15.56	---	87.72		
02261 MW-31I (D)	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		
	07/15/20		---	13.16	---	90.32		
02261 TW-1 (D)	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		
	07/15/20		---	11.31	---	85.43		

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-2 (D)	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		
	07/15/20		---	10.72	---	86.04		
02261 TW-3 (D)	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		
	07/15/20		---	14.14	---	87.16		
02261 TW-4 (D)	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		
	07/15/20		---	16.28	---	87.72		
02261 TW-5 (D)	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		
	07/15/20		---	13.09	---	89.00		
02261 TW-6 (D)	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		
	07/15/20		---	21.24	---	89.08		
02261 TW-7 (D)	09/03/19	100.01	---	23.76	---	76.25	56	51-56
	07/15/20		---	13.32	---	86.69		
02261 TW-8 (D)	09/03/19	113.63	---	38.85	---	74.78	*68	63-68
	07/15/20		---	25.99	---	87.64		
02261 TW-9 (D)	09/03/19	115.72	---	49.31	---	66.41	*68	63-68
	07/15/20		---	27.09	---	88.63		
02261 TW-10 (D)	09/03/19	118.47	---	44.32	---	74.15	68	63-68
	07/15/20		---	30.29	---	88.18		
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 (I)	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
	07/16/20	**13,500**	636	**903**	3,470	**1,800**	<250	**537**	**0.45**	
02261 MW-1 DUP (I)	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
	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
	07/16/20	**15,800**	700	**1,010**	3,950	**2,130**	**232 J**	**562**	**0.41**	
02261 MW-2 (I)	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
	07/15/20	<0.31	<0.30	<0.36	0.96 J	<0.23	<1.0	<0.31	**0.15**	NR
02261 MW-3 (I)	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
	07/15/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
02261 MW-4 (I)	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
	07/15/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
02261 MW-5 (I)	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
	07/15/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
00261 MW-5 DUP (I)	04/27/15	<0.50	<1.0	<0.50	<1.3	<0.75	<2.5	<0.50	<0.0096	NR
02261 MW-6 (I)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
02261 MW-7 (I)	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
	07/16/20	<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 (I)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.012 J	NR
02261 MW-9 (I)	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
	07/15/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-10 (I)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-11 (I)	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
	07/15/20	NS	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-12 (I)	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
	07/16/20	**12,400**	**9,020**	**1,880**	8,530	**443**	**544 J**	**270**	**42.5**	NR
02261 MW-13 (I)	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
	07/16/20	**2,100**	65.3	480	2,890	<5.7	**512**	**15.6 J**	**3.3**	NR
00261 MW-13 DUP (I)	11/23/15	**4,880**	417	**2,190**	6,260	<30	**531**	**42.8 J**	**4.8**	NR
02261 MW-14 (I)	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
	07/16/20	**7,320**	**10,800**	505	6,240	**149 J**	**391 J**	**168 J**	**114**	NR
02261 MW-14 DUP (I)	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
	07/16/20	**7,860**	**11,600**	588	6,790	**172 J**	**386 J**	**163 J**	**74.2**	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 (S)	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
	07/16/20	**13,800**	**18,400**	**1,200**	6,830	**1,640**	**410 J**	**427**	**90.9**	NR
02261 MW-16 (S)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.012 J	NR
02261 MW-17 (S)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.011 J	NR
02261 MW-18 (S)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
02261 MW-19 (S)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-20 (S)	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
	07/16/20	**8,040**	**21,800**	**1,310**	7,870	**218 J**	**361 J**	**133 J**	**63.5**	NR
02261 MW-21 (S)	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
	07/16/20	**15,600**	**11,400**	**2,350**	**11,300**	**575**	**673 J**	**397**	**73.3**	NR
02261 MW-21 DUP (S)	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
	07/16/20	**15,200**	**10,700**	**2,200**	**10,500**	**547**	**532 J**	**408**	**61.4**	NR
02261 MW-22 (S)	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
	07/16/20	**3,140**	**1,030**	**1,570**	5,200	<11	**708**	**28.0 J**	**4.6**	NR
02261 MW-23 (S)	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
	07/15/20	NS	NS	NS	NS	NS	NS	NS	NS	NR
02261 MW-24 (S)	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
	07/15/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.036	NR
02261 MW-25 (S)	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
	07/15/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-26 (S)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-27 (S)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 MW-28 (S)	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
	07/16/20	**21,900**	**13,500**	**1,360**	7,840	**5,740**	**461 J**	**1,290**	**268**	NR
02261 MW-29 (S)	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
	07/16/20	**2,060**	**5,840**	**2,220**	**12,800**	<23	**763**	<31	**3.2**	NR
02261 MW-30 (S)	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
	07/16/20	**80.3**	78.8	553	1,660	<2.3	**272**	<3.1	**0.21**	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-31 (S)	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
	07/16/20	**14,100**	**18,500**	**1,530**	8,530	**290**	**387 J**	**351**	**131**	NR
02261 MW-32 (I)	09/04/19	**46.7**	<0.30	<0.36	33.0	1.0	<1.0	0.62 J	0.014 J	NR
	07/16/20	0.84 J	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
02261 MW-33 (I)	09/03/19	**3,080**	<15	149	1,470	**153**	**416**	**72.7**	**5.7**	NR
	07/16/20	**1,210**	<6.0	48.5	268	**112**	**277**	**42.6**	**2.9**	NR
02261 MW-34 (I)	09/04/19	0.62 J	<0.30	<0.36	<0.72	1.1	<1.0	<0.31	<0.0093	NR
	07/16/20	<0.31	<0.30	<0.36	<0.72	1.4	<1.0	<0.31	**0.11**	NR
02261 MW-35 (I)	09/03/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	07/16/20	<0.31	<0.30	<0.36	<0.72	0.87 J	<1.0	<0.31	<0.0094	NR
02261 MW-28I (D)	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
	07/16/20	**9,260**	280	235	1,610	**1,830**	**293 J**	**387**	**1.1**	NR
02261 MW-29I (D)	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
	07/16/20	**39.3**	1.6 J	4.1 J	7.9 J	**55.8**	<5.0	**20.4**	**0.72**	NR
02261 MW-30I (D)	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
	07/16/20	**47.9**	25.6	103	454	<0.57	**48.6**	<0.78	**0.074**	NR
02261 MW-31I (D)	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
	07/16/20	**1,450**	56.4	79.0	584	**316**	**95.9 J**	**89.0**	**0.64**	NR
02261 TW-1 (D)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
02261 TW-2 (D)	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
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0094	NR
02261 TW-3 (D)	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
	07/15/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
02261 TW-4 (D)	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
	07/16/20	**6,260**	63.4 J	205	323	**1,320**	<100	**321**	**0.59**	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-5 (D)	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
	07/16/20	3.0	0.54 J	0.99 J	1.0 J	15.0	<1.0	4.3	<0.0095	NR
02261 TW-6 (D)	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
	07/15/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	NR
02261 TW-7 (D)	09/04/19	3.3	<0.30	<0.36	<0.72	0.46 J	<1.0	<0.31	<0.0094	NR
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	0.016 J	NR
02261 TW-8 (D)	09/03/19	**240**	<3.0	257	207	**592**	**209**	**112**	<0.0094	NR
	07/16/20	**97.1**	0.42 J	2.2	0.77 J	**633**	1.1 J	**83.8**	<0.0095	NR
02261 TW-9 (D)	09/03/19	1.3	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	**0.11**	NR
02261 TW-10 (D)	09/03/19	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	07/15/20	<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
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
	07/16/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0040	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
	07/16/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0042	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**
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
	07/16/20	<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
	07/15/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0093	NR
	07/16/20	<0.31	<0.30	<0.36	<0.72	<0.23	<1.0	<0.31	<0.0095	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
	07/16/20	<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
	07/16/20	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.0041	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 (I)	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
	07/16/20	<60	<2,500	<20,000	<59	**30,000**	<61	**41,600**	<1,300
02261 MW-1 DUP (I)	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
	07/16/20	<48	<2,000	<16,000	<47	**33,600**	<49	**46,300**	<1,000
02261 MW-2 (I)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-3 (I)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-4 (I)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-5 (I)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-5 DUP (I)	04/27/15	<0.50	<25	<88	<0.50	<20	<0.55	<14	<10
02261 MW-6 (I)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-7 (I)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0

TABLE 3
SUMMARY OF LABORATORY ANALYTICAL RESULTS
GROUND WATER SAMPLES - OXYGENATES
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 (I)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-9 (I)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-10 (I)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-11 (I)	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
	07/15/20	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-12 (I)	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
	07/16/20	<48	<2,000	<16,000	<47	**35,000**	<49	**4,700**	<1,000
02261 MW-13 (I)	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
	07/16/20	<6.0	<250	<2,000	<5.9	**3,620**	<6.1	338 J	<130
02261 MW-13 DUP (I)	11/23/15	<20	<1,000	<3,500	<20	**7,890**	<22	<540	<400
02261 MW-14 (I)	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
	07/16/20	<48	<2,000	<16,000	<47	**11,200**	<49	<1,100	<1,000
02261 MW-14 DUP (I)	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
	07/16/20	<48	<2,000	<16,000	<47	**11,400**	<49	1,190 J	<1,000

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 (S)	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
	07/16/20	<60	<2,500	<20,000	<59	**28,000**	<61	**45,600**	<1,300
02261 MW-16 (S)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-17 (S)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-18 (S)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-19 (S)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-20 (S)	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
	07/16/20	<60	<2,500	<20,000	<59	**20,300**	<61	**1,930 J**	<1,300
02261 MW-21 (S)	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
	07/16/20	<48	<2,000	<16,000	<47	**40,000**	<49	**5,140**	<1,000
02261 MW-21 DUP (S)	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
	07/16/20	<60	<2,500	<20,000	<59	**38,600**	<61	**5,300**	<1,300
02261 MW-22 (S)	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
	07/16/20	<12	<500	<4,100	<12	**3,910**	<12	455 J	<250
02261 MW-23 (S)	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
	07/15/20	NS	NS	NS	NS	NS	NS	NS	NS
02261 MW-24 (S)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-25 (S)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-26 (S)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-27 (S)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-28 (S)	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
	07/16/20	<60	<2,500	<20,000	<59	**30,700**	**139 J**	**6,950**	<1,300
02261 MW-29 (S)	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
	07/16/20	<24	<1,000	<8,200	<24	**681 J**	<24	<530	<500
02261 MW-30 (S)	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
	07/16/20	<2.4	<100	<820	<2.4	60.2 J	<2.4	<53	<50
02261 MW-31 (S)	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
	07/16/20	<60	<2,500	<20,000	<59	**26,900**	<61	**3,610 J**	<1,300
02261 MW-32 (I)	09/04/19	<0.24	<10	<82	<0.24	106	<0.24	15.6 J	<5.0
	07/16/20	<0.24	<10	<82	<0.24	20.6	<0.24	6.0 J	<5.0
02261 MW-33 (I)	09/03/19	<12	<500	<4,100	<12	**3,760**	12.4 J	451 J	<250
	07/16/20	<4.8	<200	<1,600	<4.7	**2,270**	<4.9	350 J	<100
02261 MW-34 (I)	09/04/19	<0.24	<10	<82	<0.24	33.0	<0.24	26.7	<5.0
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-35 (I)	09/03/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 MW-28I (D)	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
	07/16/20	<24	<1,000	<8,200	<24	**11,000**	63.7 J	**1,940 J**	<500
02261 MW-29I (D)	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
	07/16/20	<1.2	<50	<410	<1.2	**4,830**	1.8 J	500	<25

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 (D)	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
	07/16/20	<0.60	<25	<200	<0.59	<13	<0.61	<13	<13
02261 MW-31I (D)	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
	07/16/20	<4.8	<200	<1,600	<4.7	**8,880**	18.5 J	**1,450**	<100
02261 TW-1 (D)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-2 (D)	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
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-3 (D)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-4 (D)	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
	07/16/20	<24	<1,000	<8,200	<24	**11,500**	49.3 J	**2,340**	<500
02261 TW-5 (D)	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
	07/16/20	0.42 J	<10	<82	<0.24	199	0.97 J	129	<5.0
02261 TW-6 (D)	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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-7 (D)	09/04/19	<0.24	<10	<82	<0.24	12.1 J	<0.24	7.9 J	<5.0
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-8 (D)	09/03/19	<2.4	<100	<820	<2.4	**1,620**	24.9	702	<50
	07/16/20	1.8	<10	<82	<0.24	**1,760**	24.0	905	<5.0
02261 TW-9 (D)	09/03/19	<0.24	<10	<82	<0.24	15.1 J	<0.24	10.4 J	<5.0
	07/16/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
02261 TW-10 (D)	09/03/19	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	07/15/20	<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
	07/16/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<0.40	<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
	07/16/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<0.40	<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
	07/16/20	<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
	07/15/20	<0.24	<10	<82	<0.24	<5.3	<0.24	<5.3	<5.0
	07/16/20	<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
	07/16/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	3.7 J	<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	<0.40	<2.0
	07/16/20	<0.40	<8.0	<52	<0.40	<8.0	<0.42	<0.40	<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

02275/3289

SGS Job Number: FA76965

Sampling Dates: 07/15/20 - 07/16/20

Report to:

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

Total number of pages in report: 190

NELAP ACCREDITED TNI LABORATORY

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

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 is the sole authority for authorizing edits or modifications to this document.
Unauthorized modification of this report is strictly prohibited.
Review standard terms at: http://www.sgs.com/en/terms-and-conditions

Please share your ideas about
how we can serve you better at:
EHS.US.CustomerCare@sgs.com

July 31, 2020

Mr. Scott Ball
Geological Resources Inc.
3502 Hayes Road
Monroe, NC 28110

RE: SGS North America Inc. - Orlando job FA76965 Reissue

Dear Mr. Ball

The final report for job number FA76965 has been edited to reflect requested corrections. These edits have been incorporated into the revised report.

Sample ID's have been revised. 8260 data for -24 has been reported.

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

Sections: 1 2 3 4 5 6 7

Table of Contents

Section 1: Sample Summary 5
Section 2: Summary of Hits 10
Section 3: Sample Results 20
3.1: FA76965-1: 02261 MW 1 21
3.2: FA76965-2: 02261 MW 2 23
3.3: FA76965-3: 02261 MW 3 25
3.4: FA76965-4: 02261 MW 4 27
3.5: FA76965-5: 02261 MW 5 29
3.6: FA76965-6: 02261 MW 6 31
3.7: FA76965-7: 02261 MW 7 33
3.8: FA76965-8: 02261 MW 8 35
3.9: FA76965-9: 02261 MW 9 37
3.10: FA76965-10: 02261 MW 10 39
3.11: FA76965-11: 02261 MW 12 41
3.12: FA76965-12: 02261 MW 13 43
3.13: FA76965-13: 02261 MW 14 45
3.14: FA76965-14: 02261 MW 15 47
3.15: FA76965-15: 02261 MW 16 49
3.16: FA76965-16: 02261 MW 17 51
3.17: FA76965-17: 02261 MW 18 53
3.18: FA76965-18: 02261 MW 19 55
3.19: FA76965-19: 02261 MW 20 57
3.20: FA76965-20: 02261 MW 21 59
3.21: FA76965-21: 02261 MW 22 61
3.22: FA76965-22: 02261 MW 24 63
3.23: FA76965-23: 02261 MW 25 65
3.24: FA76965-24: 02261 MW 26 67
3.25: FA76965-25: 02261 MW 27 69
3.26: FA76965-26: 02261 MW 28 71
3.27: FA76965-27: 02261 MW 29 73
3.28: FA76965-28: 02261 MW 30 75
3.29: FA76965-29: 02261 MW 31 77
3.30: FA76965-30: 02261 MW 32 79
3.31: FA76965-31: 02261 MW 33 81
3.32: FA76965-32: 02261 MW 34 83
3.33: FA76965-33: 02261 MW 35 85
3.34: FA76965-34: 02261 MW 28I 87
3.35: FA76965-35: 02261 MW 29I 89
3.36: FA76965-36: 02261 MW 30I 91
3.37: FA76965-37: 02261 MW 31I 93
3.38: FA76965-38: 02261 TW 1 95
3.39: FA76965-39: 02261 TW 2 97

Table of Contents

3.40: FA76965-40: 02261 TW 3 99
3.41: FA76965-41: 02261 TW 4 101
3.42: FA76965-42: 02261 TW 5 103
3.43: FA76965-43: 02261 TW 6 105
3.44: FA76965-44: 02261 TW 7 107
3.45: FA76965-45: 02261 TW 8 109
3.46: FA76965-46: 02261 TW 9 111
3.47: FA76965-47: 02261 TW 10 113
3.48: FA76965-48: 02261 DUP A 115
3.49: FA76965-49: 02261 DUP B 117
3.50: FA76965-50: 02261 DUP C 119
3.51: FA76965-51: 02261 FIELD BLANK 121
3.52: FA76965-52: 02261 FIELD BLANK 123
3.53: FA76965-53: 02261 TRIP BLANK 125
Section 4: Subcontract Lab Data 126
Section 5: Misc. Forms 145
5.1: Chain of Custody 146
Section 6: MS Volatiles - QC Data Summaries 152
6.1: Method Blank Summary 153
6.2: Blank Spike Summary 159
6.3: Matrix Spike/Matrix Spike Duplicate Summary 165
Section 7: GC Volatiles - QC Data Summaries 171
7.1: Method Blank Summary 172
7.2: Blank Spike Summary 176
7.3: Matrix Spike Summary 183
7.4: Duplicate Summary 187

Sample Summary

GRI (Geological Resources Inc.)

Job No: FA76965

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02275/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA76965-1	07/16/20	10:45	MCKP	07/18/20	AQ	Ground Water	02261 MW 1
FA76965-2	07/15/20	16:01	MCKP	07/18/20	AQ	Ground Water	02261 MW 2
FA76965-3	07/15/20	14:49	MCKP	07/18/20	AQ	Ground Water	02261 MW 3
FA76965-4	07/15/20	15:22	MCKP	07/18/20	AQ	Ground Water	02261 MW 4
FA76965-5	07/15/20	16:42	MCKP	07/18/20	AQ	Ground Water	02261 MW 5
FA76965-6	07/16/20	09:20	MCKP	07/18/20	AQ	Ground Water	02261 MW 6
FA76965-7	07/16/20	07:15	MCKP	07/18/20	AQ	Ground Water	02261 MW 7
FA76965-8	07/16/20	08:00	MCKP	07/18/20	AQ	Ground Water	02261 MW 8
FA76965-9	07/15/20	14:24	MCKP	07/18/20	AQ	Ground Water	02261 MW 9
FA76965-10	07/16/20	09:43	MCKP	07/18/20	AQ	Ground Water	02261 MW 10
FA76965-11	07/16/20	16:01	MCKP	07/18/20	AQ	Ground Water	02261 MW 12
FA76965-12	07/16/20	16:52	MCKP	07/18/20	AQ	Ground Water	02261 MW 13

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA76965

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02275/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA76965-13	07/16/20	12:50	MCKP	07/18/20	AQ	Ground Water	02261 MW 14
FA76965-14	07/16/20	11:03	MCKP	07/18/20	AQ	Ground Water	02261 MW 15
FA76965-15	07/16/20	07:32	MCKP	07/18/20	AQ	Ground Water	02261 MW 16
FA76965-16	07/16/20	08:15	MCKP	07/18/20	AQ	Ground Water	02261 MW 17
FA76965-17	07/16/20	08:47	MCKP	07/18/20	AQ	Ground Water	02261 MW 18
FA76965-18	07/16/20	09:35	MCKP	07/18/20	AQ	Ground Water	02261 MW 19
FA76965-19	07/16/20	11:19	MCKP	07/18/20	AQ	Ground Water	02261 MW 20
FA76965-20	07/16/20	15:35	MCKP	07/18/20	AQ	Ground Water	02261 MW 21
FA76965-21	07/16/20	17:04	MCKP	07/18/20	AQ	Ground Water	02261 MW 22
FA76965-22	07/15/20	15:45	MCKP	07/18/20	AQ	Ground Water	02261 MW 24
FA76965-23	07/15/20	15:03	MCKP	07/18/20	AQ	Ground Water	02261 MW 25
FA76965-24	07/15/20	16:24	MCKP	07/18/20	AQ	Ground Water	02261 MW 26
FA76965-25	07/15/20	17:03	MCKP	07/18/20	AQ	Ground Water	02261 MW 27

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA76965

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02275/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA76965-26	07/16/20	12:04	MCKP	07/18/20	AQ	Ground Water	02261 MW 28
FA76965-27	07/16/20	11:48	MCKP	07/18/20	AQ	Ground Water	02261 MW 29
FA76965-28	07/16/20	14:52	MCKP	07/18/20	AQ	Ground Water	02261 MW 30
FA76965-29	07/16/20	16:40	MCKP	07/18/20	AQ	Ground Water	02261 MW 31
FA76965-30	07/16/20	10:30	MCKP	07/18/20	AQ	Ground Water	02261 MW 32
FA76965-31	07/16/20	13:07	MCKP	07/18/20	AQ	Ground Water	02261 MW 33
FA76965-32	07/16/20	09:51	MCKP	07/18/20	AQ	Ground Water	02261 MW 34
FA76965-33	07/16/20	09:05	MCKP	07/18/20	AQ	Ground Water	02261 MW 35
FA76965-34	07/16/20	12:04	MCKP	07/18/20	AQ	Ground Water	02261 MW 28I
FA76965-35	07/16/20	11:35	MCKP	07/18/20	AQ	Ground Water	02261 MW 29I
FA76965-36	07/16/20	15:16	MCKP	07/18/20	AQ	Ground Water	02261 MW 30I
FA76965-37	07/16/20	16:22	MCKP	07/18/20	AQ	Ground Water	02261 MW 31I
FA76965-38	07/16/20	07:49	MCKP	07/18/20	AQ	Ground Water	02261 TW 1

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA76965

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02275/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA76965-39	07/16/20	08:31	MCKP	07/18/20	AQ	Ground Water	02261 TW 2
FA76965-40	07/15/20	14:06	MCKP	07/18/20	AQ	Ground Water	02261 TW 3
FA76965-41	07/16/20	13:40	MCKP	07/18/20	AQ	Ground Water	02261 TW 4
FA76965-42	07/16/20	14:01	MCKP	07/18/20	AQ	Ground Water	02261 TW 5
FA76965-43	07/15/20	17:39	MCKP	07/18/20	AQ	Ground Water	02261 TW 6
FA76965-44	07/16/20	08:58	MCKP	07/18/20	AQ	Ground Water	02261 TW 7
FA76965-45	07/16/20	12:38	MCKP	07/18/20	AQ	Ground Water	02261 TW 8
FA76965-46	07/16/20	10:00	MCKP	07/18/20	AQ	Ground Water	02261 TW 9
FA76965-47	07/16/20	13:32	MCKP	07/18/20	AQ	Ground Water	02261 TW 10
FA76965-48	07/16/20	12:00	MCKP	07/18/20	AQ	Ground Water	02261 DUP A
FA76965-49	07/16/20	12:01	MCKP	07/18/20	AQ	Ground Water	02261 DUP B
FA76965-50	07/16/20	12:02	MCKP	07/18/20	AQ	Ground Water	02261 DUP C
FA76965-51	07/16/20	13:00	MCKP	07/18/20	AQ	Field Blank Water	02261 FIELD BLANK

Sample Summary
(continued)

GRI (Geological Resources Inc.)

Job No: FA76965

Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Project No: 02275/3289

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
FA76965-52	07/15/20	13:00	MCKP	07/18/20	AQ	Field Blank Water	02261 FIELD BLANK
FA76965-53	07/16/20	07:00	MCKP	07/18/20	AQ	Trip Blank Water	02261 TRIP BLANK
FA76965-54	07/16/20	17:30	MCKP	07/18/20	DW	Drinking Water	02261 PW-3
FA76965-55	07/16/20	12:03	MCKP	07/18/20	DW	Drinking Water	02261 DUP D
FA76965-56	07/16/20	13:01	MCKP	07/18/20	DW	Drinking Water FB	02261 PW FIELD BLANK
FA76965-57	07/16/20	07:01	MCKP	07/18/20	DW	Drinking Water TB	02261 PW TRIP BLANK

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA76965-1	02261 MW 1					
Benzene		13500	250	78	ug/l	SW846 8260D
Toluene		636	250	75	ug/l	SW846 8260D
Ethylbenzene		903	250	89	ug/l	SW846 8260D
Xylene (total)		3470	750	180	ug/l	SW846 8260D
Methyl Tert Butyl Ether		1800	250	57	ug/l	SW846 8260D
1,2-Dichloroethane		537	250	78	ug/l	SW846 8260D
Tert-Amyl Alcohol		30000	5000	1300	ug/l	SW846 8260D
Tert-Butyl Alcohol		41600	5000	1300	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.45	0.019	0.0095	ug/l	SW846 8011
FA76965-2	02261 MW 2					
Xylene (total)		0.96 J	3.0	0.72	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.15	0.019	0.0094	ug/l	SW846 8011
FA76965-3	02261 MW 3					
No hits reported in this sample.						
FA76965-4	02261 MW 4					
No hits reported in this sample.						
FA76965-5	02261 MW 5					
No hits reported in this sample.						
FA76965-6	02261 MW 6					
No hits reported in this sample.						
FA76965-7	02261 MW 7					
No hits reported in this sample.						
FA76965-8	02261 MW 8					
1,2-Dibromoethane [a]		0.012 J	0.019	0.0094	ug/l	SW846 8011
FA76965-9	02261 MW 9					
No hits reported in this sample.						

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA76965-10	02261 MW 10					
No hits reported in this sample.						
FA76965-11	02261 MW 12					
Benzene		12400	200	62	ug/l	SW846 8260D
Toluene		9020	200	60	ug/l	SW846 8260D
Ethylbenzene		1880	200	71	ug/l	SW846 8260D
Xylene (total)		8530	600	140	ug/l	SW846 8260D
Methyl Tert Butyl Ether		443	200	46	ug/l	SW846 8260D
Naphthalene		544 J	1000	200	ug/l	SW846 8260D
1,2-Dichloroethane		270	200	62	ug/l	SW846 8260D
Tert-Amyl Alcohol		35000	4000	1100	ug/l	SW846 8260D
Tert-Butyl Alcohol		4700	4000	1100	ug/l	SW846 8260D
1,2-Dibromoethane [a]		42.5	1.9	0.93	ug/l	SW846 8011
FA76965-12	02261 MW 13					
Benzene		2100	25	7.8	ug/l	SW846 8260D
Toluene		65.3	25	7.5	ug/l	SW846 8260D
Ethylbenzene		480	25	8.9	ug/l	SW846 8260D
Xylene (total)		2890	75	18	ug/l	SW846 8260D
Naphthalene		512	130	25	ug/l	SW846 8260D
1,2-Dichloroethane		15.6 J	25	7.8	ug/l	SW846 8260D
Tert-Amyl Alcohol		3620	500	130	ug/l	SW846 8260D
Tert-Butyl Alcohol		338 J	500	130	ug/l	SW846 8260D
1,2-Dibromoethane [a]		3.3	0.19	0.093	ug/l	SW846 8011
FA76965-13	02261 MW 14					
Benzene		7320	200	62	ug/l	SW846 8260D
Toluene		10800	200	60	ug/l	SW846 8260D
Ethylbenzene		505	200	71	ug/l	SW846 8260D
Xylene (total)		6240	600	140	ug/l	SW846 8260D
Methyl Tert Butyl Ether		149 J	200	46	ug/l	SW846 8260D
Naphthalene		391 J	1000	200	ug/l	SW846 8260D
1,2-Dichloroethane		168 J	200	62	ug/l	SW846 8260D
Tert-Amyl Alcohol		11200	4000	1100	ug/l	SW846 8260D
1,2-Dibromoethane [a]		114	4.7	2.4	ug/l	SW846 8011
FA76965-14	02261 MW 15					
Benzene		13800	250	78	ug/l	SW846 8260D
Toluene		18400	250	75	ug/l	SW846 8260D

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene		1200	250	89	ug/l	SW846 8260D
Xylene (total)		6830	750	180	ug/l	SW846 8260D
Methyl Tert Butyl Ether		1640	250	57	ug/l	SW846 8260D
Naphthalene		410 J	1300	250	ug/l	SW846 8260D
1,2-Dichloroethane		427	250	78	ug/l	SW846 8260D
Tert-Amyl Alcohol		28000	5000	1300	ug/l	SW846 8260D
Tert-Butyl Alcohol		45600	5000	1300	ug/l	SW846 8260D
1,2-Dibromoethane [a]		90.9	1.9	0.94	ug/l	SW846 8011
FA76965-15	02261 MW 16					
1,2-Dibromoethane [b]		0.012 J	0.019	0.0095	ug/l	SW846 8011
FA76965-16	02261 MW 17					
1,2-Dibromoethane [a]		0.011 J	0.019	0.0093	ug/l	SW846 8011
FA76965-17	02261 MW 18					
No hits reported in this sample.						
FA76965-18	02261 MW 19					
No hits reported in this sample.						
FA76965-19	02261 MW 20					
Benzene		8040	250	78	ug/l	SW846 8260D
Toluene		21800	250	75	ug/l	SW846 8260D
Ethylbenzene		1310	250	89	ug/l	SW846 8260D
Xylene (total)		7870	750	180	ug/l	SW846 8260D
Methyl Tert Butyl Ether		218 J	250	57	ug/l	SW846 8260D
Naphthalene		361 J	1300	250	ug/l	SW846 8260D
1,2-Dichloroethane		133 J	250	78	ug/l	SW846 8260D
Tert-Amyl Alcohol		20300	5000	1300	ug/l	SW846 8260D
Tert-Butyl Alcohol		1930 J	5000	1300	ug/l	SW846 8260D
1,2-Dibromoethane [a]		63.5	1.9	0.94	ug/l	SW846 8011
FA76965-20	02261 MW 21					
Benzene		15600	200	62	ug/l	SW846 8260D
Toluene		11400	200	60	ug/l	SW846 8260D
Ethylbenzene		2350	200	71	ug/l	SW846 8260D
Xylene (total)		11300	600	140	ug/l	SW846 8260D
Methyl Tert Butyl Ether		575	200	46	ug/l	SW846 8260D

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Naphthalene		673 J	1000	200	ug/l	SW846 8260D
1,2-Dichloroethane		397	200	62	ug/l	SW846 8260D
Tert-Amyl Alcohol		40000	4000	1100	ug/l	SW846 8260D
Tert-Butyl Alcohol		5140	4000	1100	ug/l	SW846 8260D
1,2-Dibromoethane [a]		73.3	1.9	0.93	ug/l	SW846 8011
FA76965-21	02261 MW 22					
Benzene		3140	50	16	ug/l	SW846 8260D
Toluene		1030	50	15	ug/l	SW846 8260D
Ethylbenzene		1570	50	18	ug/l	SW846 8260D
Xylene (total)		5200	150	36	ug/l	SW846 8260D
Naphthalene		708	250	50	ug/l	SW846 8260D
1,2-Dichloroethane		28.0 J	50	16	ug/l	SW846 8260D
Tert-Amyl Alcohol		3910	1000	260	ug/l	SW846 8260D
Tert-Butyl Alcohol		455 J	1000	270	ug/l	SW846 8260D
1,2-Dibromoethane [a]		4.6	0.19	0.095	ug/l	SW846 8011
FA76965-22	02261 MW 24					
1,2-Dibromoethane [a]		0.036	0.019	0.0094	ug/l	SW846 8011
FA76965-23	02261 MW 25					
No hits reported in this sample.						
FA76965-24	02261 MW 26					
No hits reported in this sample.						
FA76965-25	02261 MW 27					
No hits reported in this sample.						
FA76965-26	02261 MW 28					
Benzene		21900	250	78	ug/l	SW846 8260D
Toluene		13500	250	75	ug/l	SW846 8260D
Ethylbenzene		1360	250	89	ug/l	SW846 8260D
Xylene (total)		7840	750	180	ug/l	SW846 8260D
Methyl Tert Butyl Ether		5740	250	57	ug/l	SW846 8260D
Naphthalene		461 J	1300	250	ug/l	SW846 8260D
1,2-Dichloroethane		1290	250	78	ug/l	SW846 8260D
Tert-Amyl Alcohol		30700	5000	1300	ug/l	SW846 8260D
Tert-Amyl Methyl Ether		139 J	500	61	ug/l	SW846 8260D

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tert-Butyl Alcohol		6950	5000	1300	ug/l	SW846 8260D
1,2-Dibromoethane [a]		268	9.7	4.8	ug/l	SW846 8011
FA76965-27	02261 MW 29					
Benzene		2060	100	31	ug/l	SW846 8260D
Toluene		5840	100	30	ug/l	SW846 8260D
Ethylbenzene		2220	100	36	ug/l	SW846 8260D
Xylene (total)		12800	300	72	ug/l	SW846 8260D
Naphthalene		763	500	100	ug/l	SW846 8260D
Tert-Amyl Alcohol		681 J	2000	530	ug/l	SW846 8260D
1,2-Dibromoethane [a]		3.2	0.19	0.094	ug/l	SW846 8011
FA76965-28	02261 MW 30					
Benzene		80.3	10	3.1	ug/l	SW846 8260D
Toluene		78.8	10	3.0	ug/l	SW846 8260D
Ethylbenzene		553	10	3.6	ug/l	SW846 8260D
Xylene (total)		1660	30	7.2	ug/l	SW846 8260D
Naphthalene		272	50	10	ug/l	SW846 8260D
Tert-Amyl Alcohol		60.2 J	200	53	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.21	0.019	0.0095	ug/l	SW846 8011
FA76965-29	02261 MW 31					
Benzene		14100	250	78	ug/l	SW846 8260D
Toluene		18500	250	75	ug/l	SW846 8260D
Ethylbenzene		1530	250	89	ug/l	SW846 8260D
Xylene (total)		8530	750	180	ug/l	SW846 8260D
Methyl Tert Butyl Ether		290	250	57	ug/l	SW846 8260D
Naphthalene		387 J	1300	250	ug/l	SW846 8260D
1,2-Dichloroethane		351	250	78	ug/l	SW846 8260D
Tert-Amyl Alcohol		26900	5000	1300	ug/l	SW846 8260D
Tert-Butyl Alcohol		3610 J	5000	1300	ug/l	SW846 8260D
1,2-Dibromoethane [a]		131	4.7	2.4	ug/l	SW846 8011
FA76965-30	02261 MW 32					
Benzene		0.84 J	1.0	0.31	ug/l	SW846 8260D
Tert-Amyl Alcohol		20.6	20	5.3	ug/l	SW846 8260D
Tert-Butyl Alcohol		6.0 J	20	5.3	ug/l	SW846 8260D
FA76965-31	02261 MW 33					
Benzene		1210	20	6.2	ug/l	SW846 8260D

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene		48.5	20	7.1	ug/l	SW846 8260D
Xylene (total)		268	60	14	ug/l	SW846 8260D
Methyl Tert Butyl Ether		112	20	4.6	ug/l	SW846 8260D
Naphthalene		277	100	20	ug/l	SW846 8260D
1,2-Dichloroethane		42.6	20	6.2	ug/l	SW846 8260D
Tert-Amyl Alcohol		2270	400	110	ug/l	SW846 8260D
Tert-Butyl Alcohol		350 J	400	110	ug/l	SW846 8260D
1,2-Dibromoethane [a]		2.9	0.19	0.094	ug/l	SW846 8011
FA76965-32	02261 MW 34					
Methyl Tert Butyl Ether		1.4	1.0	0.23	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.11	0.019	0.0095	ug/l	SW846 8011
FA76965-33	02261 MW 35					
Methyl Tert Butyl Ether		0.87 J	1.0	0.23	ug/l	SW846 8260D
FA76965-34	02261 MW 28I					
Benzene		9260	100	31	ug/l	SW846 8260D
Toluene		280	100	30	ug/l	SW846 8260D
Ethylbenzene		235	100	36	ug/l	SW846 8260D
Xylene (total)		1610	300	72	ug/l	SW846 8260D
Methyl Tert Butyl Ether		1830	100	23	ug/l	SW846 8260D
Naphthalene		293 J	500	100	ug/l	SW846 8260D
1,2-Dichloroethane		387	100	31	ug/l	SW846 8260D
Tert-Amyl Alcohol		11000	2000	530	ug/l	SW846 8260D
Tert-Amyl Methyl Ether		63.7 J	200	24	ug/l	SW846 8260D
Tert-Butyl Alcohol		1940 J	2000	530	ug/l	SW846 8260D
1,2-Dibromoethane [a]		1.1	0.096	0.048	ug/l	SW846 8011
FA76965-35	02261 MW 29I					
Benzene		39.3	5.0	1.6	ug/l	SW846 8260D
Toluene		1.6 J	5.0	1.5	ug/l	SW846 8260D
Ethylbenzene		4.1 J	5.0	1.8	ug/l	SW846 8260D
Xylene (total)		7.9 J	15	3.6	ug/l	SW846 8260D
Methyl Tert Butyl Ether		55.8	5.0	1.1	ug/l	SW846 8260D
1,2-Dichloroethane		20.4	5.0	1.6	ug/l	SW846 8260D
Tert-Amyl Alcohol		4830	500	130	ug/l	SW846 8260D
Tert-Amyl Methyl Ether		1.8 J	10	1.2	ug/l	SW846 8260D
Tert-Butyl Alcohol		500	100	27	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.72	0.019	0.0094	ug/l	SW846 8011

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA76965-36	02261 MW 30I					
Benzene		47.9	2.5	0.78	ug/l	SW846 8260D
Toluene		25.6	2.5	0.75	ug/l	SW846 8260D
Ethylbenzene		103	2.5	0.89	ug/l	SW846 8260D
Xylene (total)		454	7.5	1.8	ug/l	SW846 8260D
Naphthalene		48.6	13	2.5	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.074	0.019	0.0096	ug/l	SW846 8011
FA76965-37	02261 MW 31I					
Benzene		1450	20	6.2	ug/l	SW846 8260D
Toluene		56.4	20	6.0	ug/l	SW846 8260D
Ethylbenzene		79.0	20	7.1	ug/l	SW846 8260D
Xylene (total)		584	60	14	ug/l	SW846 8260D
Methyl Tert Butyl Ether		316	20	4.6	ug/l	SW846 8260D
Naphthalene		95.9 J	100	20	ug/l	SW846 8260D
1,2-Dichloroethane		89.0	20	6.2	ug/l	SW846 8260D
Tert-Amyl Alcohol		8880	400	110	ug/l	SW846 8260D
Tert-Amyl Methyl Ether		18.5 J	40	4.9	ug/l	SW846 8260D
Tert-Butyl Alcohol		1450	400	110	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.64	0.019	0.0094	ug/l	SW846 8011
FA76965-38	02261 TW 1					
No hits reported in this sample.						
FA76965-39	02261 TW 2					
No hits reported in this sample.						
FA76965-40	02261 TW 3					
No hits reported in this sample.						
FA76965-41	02261 TW 4					
Benzene		6260	100	31	ug/l	SW846 8260D
Toluene		63.4 J	100	30	ug/l	SW846 8260D
Ethylbenzene		205	100	36	ug/l	SW846 8260D
Xylene (total)		323	300	72	ug/l	SW846 8260D
Methyl Tert Butyl Ether		1320	100	23	ug/l	SW846 8260D
1,2-Dichloroethane		321	100	31	ug/l	SW846 8260D
Tert-Amyl Alcohol		11500	2000	530	ug/l	SW846 8260D
Tert-Amyl Methyl Ether		49.3 J	200	24	ug/l	SW846 8260D

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Tert-Butyl Alcohol		2340	2000	530	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.59	0.019	0.0094	ug/l	SW846 8011
FA76965-42	02261 TW 5					
Benzene		3.0	1.0	0.31	ug/l	SW846 8260D
Toluene		0.54 J	1.0	0.30	ug/l	SW846 8260D
Ethylbenzene		0.99 J	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		1.0 J	3.0	0.72	ug/l	SW846 8260D
Methyl Tert Butyl Ether		15.0	1.0	0.23	ug/l	SW846 8260D
1,2-Dichloroethane		4.3	1.0	0.31	ug/l	SW846 8260D
Di-Isopropyl Ether		0.42 J	1.0	0.24	ug/l	SW846 8260D
Tert-Amyl Alcohol		199	20	5.3	ug/l	SW846 8260D
Tert-Amyl Methyl Ether		0.97 J	2.0	0.24	ug/l	SW846 8260D
Tert-Butyl Alcohol		129	20	5.3	ug/l	SW846 8260D
FA76965-43	02261 TW 6					
No hits reported in this sample.						
FA76965-44	02261 TW 7					
1,2-Dibromoethane [a]		0.016 J	0.019	0.0094	ug/l	SW846 8011
FA76965-45	02261 TW 8					
Benzene		97.1	10	3.1	ug/l	SW846 8260D
Toluene		0.42 J	1.0	0.30	ug/l	SW846 8260D
Ethylbenzene		2.2	1.0	0.36	ug/l	SW846 8260D
Xylene (total)		0.77 J	3.0	0.72	ug/l	SW846 8260D
Methyl Tert Butyl Ether		633	10	2.3	ug/l	SW846 8260D
Naphthalene		1.1 J	5.0	1.0	ug/l	SW846 8260D
1,2-Dichloroethane		83.8	1.0	0.31	ug/l	SW846 8260D
Di-Isopropyl Ether		1.8	1.0	0.24	ug/l	SW846 8260D
Tert-Amyl Alcohol		1760	200	53	ug/l	SW846 8260D
Tert-Amyl Methyl Ether		24.0	2.0	0.24	ug/l	SW846 8260D
Tert-Butyl Alcohol		905	20	5.3	ug/l	SW846 8260D
FA76965-46	02261 TW 9					
1,2-Dibromoethane [a]		0.11	0.019	0.0095	ug/l	SW846 8011
FA76965-47	02261 TW 10					
No hits reported in this sample.						

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA76965-48	02261 DUP A					
Benzene		15800	200	62	ug/l	SW846 8260D
Toluene		700	200	60	ug/l	SW846 8260D
Ethylbenzene		1010	200	71	ug/l	SW846 8260D
Xylene (total)		3950	600	140	ug/l	SW846 8260D
Methyl Tert Butyl Ether		2130	200	46	ug/l	SW846 8260D
Naphthalene		232 J	1000	200	ug/l	SW846 8260D
1,2-Dichloroethane		562	200	62	ug/l	SW846 8260D
Tert-Amyl Alcohol		33600	4000	1100	ug/l	SW846 8260D
Tert-Butyl Alcohol		46300	4000	1100	ug/l	SW846 8260D
1,2-Dibromoethane [a]		0.41	0.019	0.0094	ug/l	SW846 8011
FA76965-49	02261 DUP B					
Benzene		7860	200	62	ug/l	SW846 8260D
Toluene		11600	200	60	ug/l	SW846 8260D
Ethylbenzene		588	200	71	ug/l	SW846 8260D
Xylene (total)		6790	600	140	ug/l	SW846 8260D
Methyl Tert Butyl Ether		172 J	200	46	ug/l	SW846 8260D
Naphthalene		386 J	1000	200	ug/l	SW846 8260D
1,2-Dichloroethane		163 J	200	62	ug/l	SW846 8260D
Tert-Amyl Alcohol		11400	4000	1100	ug/l	SW846 8260D
Tert-Butyl Alcohol		1190 J	4000	1100	ug/l	SW846 8260D
1,2-Dibromoethane [a]		74.2	1.9	0.94	ug/l	SW846 8011
FA76965-50	02261 DUP C					
Benzene		15200	250	78	ug/l	SW846 8260D
Toluene		10700	250	75	ug/l	SW846 8260D
Ethylbenzene		2200	250	89	ug/l	SW846 8260D
Xylene (total)		10500	750	180	ug/l	SW846 8260D
Methyl Tert Butyl Ether		547	250	57	ug/l	SW846 8260D
Naphthalene		532 J	1300	250	ug/l	SW846 8260D
1,2-Dichloroethane		408	250	78	ug/l	SW846 8260D
Tert-Amyl Alcohol		38600	5000	1300	ug/l	SW846 8260D
Tert-Butyl Alcohol		5300	5000	1300	ug/l	SW846 8260D
1,2-Dibromoethane [a]		61.4	1.9	0.96	ug/l	SW846 8011
FA76965-51	02261 FIELD BLANK					
No hits reported in this sample.						

Summary of Hits

Job Number: FA76965
Account: GRI (Geological Resources Inc.)
Project: Carolina Country Convenience; 1908 Hwy 601 N, Pageland, SC
Collected: 07/15/20 thru 07/16/20

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

FA76965-52 02261 FIELD BLANK

No hits reported in this sample.

FA76965-53 02261 TRIP BLANK

No hits reported in this sample.

(a) All hits confirmed by dual column analysis.
(b) All hits confirmed by dual column analysis. Quantitation between primary and confirmation differed by > 40%. Lower value reported due to possible coelution.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	02261 MW 1		
Lab Sample ID:	FA76965-1	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72992.D	250	07/22/20 15:31	SO	n/a	n/a	VP2897
Run #2 [a]	5E23941.D	250	07/20/20 06:21	SP	n/a	n/a	V5E1094

	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	13500	250	78	ug/l	
108-88-3	Toluene	636	250	75	ug/l	
100-41-4	Ethylbenzene	903	250	89	ug/l	
1330-20-7	Xylene (total)	3470	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1800	250	57	ug/l	
91-20-3	Naphthalene	ND	1300	250	ug/l	
107-06-2	1,2-Dichloroethane	537	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	30000	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	41600	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	97%	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	131% [b]	79-125%
2037-26-5	Toluene-D8	105%	99%	85-112%
460-00-4	4-Bromofluorobenzene	107%	104%	83-118%

(a) Sample used for QC purposes only.
(b) Outside control limits.

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

Report of Analysis

Client Sample ID:	02261 MW 1		
Lab Sample ID:	FA76965-1	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121404.D	1	07/20/20 21:48	KB	07/20/20 14:15	OP81158	GDD3247
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.45	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		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 2		
Lab Sample ID:	FA76965-2	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23922.D	1	07/19/20 23:05	SP	n/a	n/a	V5E1094
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.96	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 [a]	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 [b]	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	117%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is 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 2		
Lab Sample ID:	FA76965-2	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121405.D	1	07/20/20 22:04	KB	07/20/20 14:15	OP81158	GDD3247
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	0.15	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		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 3		
Lab Sample ID:	FA76965-3	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23923.D	1	07/19/20 23:28	SP	n/a	n/a	V5E1094
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 [a]	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 [b]	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	119%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is 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 3		
Lab Sample ID:	FA76965-3	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121408.D	1	07/20/20 22:50	KB	07/20/20 14:15	OP81158	GDD3247
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	87%		63-137%

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

Report of Analysis

Client Sample ID:	02261 MW 4		
Lab Sample ID:	FA76965-4	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23924.D	1	07/19/20 23:51	SP	n/a	n/a	V5E1094
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 [a]	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 [b]	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	121%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is 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 4		
Lab Sample ID:	FA76965-4	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121409.D	1	07/20/20 23:06	KB	07/20/20 14:15	OP81158	GDD3247
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	92%		63-137%

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

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

Report of Analysis

Client Sample ID:	02261 MW 5		
Lab Sample ID:	FA76965-5	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23925.D	1	07/20/20 00:14	SP	n/a	n/a	V5E1094
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 [a]	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 [b]	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	121%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	105%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is 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 5		
Lab Sample ID:	FA76965-5	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121410.D	1	07/20/20 23:21	KB	07/20/20 14:15	OP81158	GDD3247
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	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:	FA76965-6	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23926.D	1	07/20/20 00:37	SP	n/a	n/a	V5E1094
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 [a]	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 [b]	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	124%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is 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 6		
Lab Sample ID:	FA76965-6	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121423.D	1	07/21/20 15:20	KB	07/21/20 11:30	OP81159	GDD3248
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	76%		63-137%

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

Report of Analysis

Client Sample ID:	02261 MW 7		
Lab Sample ID:	FA76965-7	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23927.D	1	07/20/20 01:01	SP	n/a	n/a	V5E1094
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 [a]	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 [b]	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	125%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is 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 7		
Lab Sample ID:	FA76965-7	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121424.D	1	07/21/20 15:36	KB	07/21/20 11:30	OP81159	GDD3248
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	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 8		
Lab Sample ID:	FA76965-8	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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]	5E23928.D	1	07/20/20 01:23	SP	n/a	n/a	V5E1094
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 [b]	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 [c]	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	126% [d]		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Sample vial(s) contained significant headspace; reported results are considered minimum values.
(b) Associated CCV outside of control limits high, sample was ND.
(c) Associated BS recovery outside control limits high; however sample is ND.
(d) Outside control limits; however, sample is 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 8		
Lab Sample ID:	FA76965-8	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121425.D	1	07/21/20 15:51	KB	07/21/20 11:30	OP81159	GDD3248
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.012	0.019	0.0094	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	63%		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 9		
Lab Sample ID:	FA76965-9	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23929.D	1	07/20/20 01:46	SP	n/a	n/a	V5E1094
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 [a]	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 [b]	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	127% [c]		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is ND.
(c) Outside control limits; however, sample is 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:	FA76965-9	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121426.D	1	07/21/20 16:07	KB	07/21/20 11:30	OP81159	GDD3248
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	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 10		
Lab Sample ID:	FA76965-10	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23930.D	1	07/20/20 02:09	SP	n/a	n/a	V5E1094
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 [a]	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 [b]	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	129% [c]		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is ND.
(c) Outside control limits; however, sample is 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 10		
Lab Sample ID:	FA76965-10	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121427.D	1	07/21/20 16:22	KB	07/21/20 11:30	OP81159	GDD3248
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	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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 12		
Lab Sample ID:	FA76965-11	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73018.D	200	07/23/20 13:44	SO	n/a	n/a	VP2898
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	12400	200	62	ug/l	
108-88-3	Toluene	9020	200	60	ug/l	
100-41-4	Ethylbenzene	1880	200	71	ug/l	
1330-20-7	Xylene (total)	8530	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	443	200	46	ug/l	
91-20-3	Naphthalene	544	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	270	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	35000	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol	4700	4000	1100	ug/l	
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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:	FA76965-11	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD112540.D	100	07/24/20 15:29	KB	07/21/20 11:30	OP81159	GDD3250
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	42.5	1.9	0.93	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:	FA76965-12	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73019.D	25	07/23/20 14:09	SO	n/a	n/a	VP2898
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	2100	25	7.8	ug/l	
108-88-3	Toluene	65.3	25	7.5	ug/l	
100-41-4	Ethylbenzene	480	25	8.9	ug/l	
1330-20-7	Xylene (total)	2890	75	18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	25	5.7	ug/l	
91-20-3	Naphthalene	512	130	25	ug/l	
107-06-2	1,2-Dichloroethane	15.6	25	7.8	ug/l	J
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	3620	500	130	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	50	6.1	ug/l	
75-65-0	Tert-Butyl Alcohol	338	500	130	ug/l	J
762-75-4	Tert-Butyl Formate	ND	500	130	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	101%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 13		
Lab Sample ID:	FA76965-12	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121486.D	10	07/23/20 11:37	CV	07/21/20 11:30	OP81159	GDD3249
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	3.3	0.19	0.093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		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 14		
Lab Sample ID:	FA76965-13	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72995.D	200	07/22/20 16:46	SO	n/a	n/a	VP2897
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	7320	200	62	ug/l	
108-88-3	Toluene	10800	200	60	ug/l	
100-41-4	Ethylbenzene	505	200	71	ug/l	
1330-20-7	Xylene (total)	6240	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	149	200	46	ug/l	J
91-20-3	Naphthalene	391	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	168	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	11200	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	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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 14		
Lab Sample ID:	FA76965-13	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD112552.D	250	07/24/20 18:44	KB	07/21/20 11:30	OP81159	GDD3250
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	114	4.7	2.4	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 15		
Lab Sample ID:	FA76965-14	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72996.D	250	07/22/20 17:11	SO	n/a	n/a	VP2897
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	13800	250	78	ug/l	
108-88-3	Toluene	18400	250	75	ug/l	
100-41-4	Ethylbenzene	1200	250	89	ug/l	
1330-20-7	Xylene (total)	6830	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1640	250	57	ug/l	
91-20-3	Naphthalene	410	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	427	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	28000	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	45600	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	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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 15		
Lab Sample ID:	FA76965-14	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD112542.D	100	07/24/20 16:01	KB	07/21/20 11:30	OP81159	GDD3250
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	90.9	1.9	0.94	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 16		
Lab Sample ID:	FA76965-15	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23931.D	1	07/20/20 02:32	SP	n/a	n/a	V5E1094
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 [a]	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 [b]	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	128% [c]		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	105%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is ND.
(c) Outside control limits; however, sample is 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:	FA76965-15	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121434.D	1	07/21/20 18:11	KB	07/21/20 11:30	OP81159	GDD3248
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 [b]	0.012	0.019	0.0095	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	79%		63-137%

(a) All hits confirmed by dual column analysis.
(b) Quantitation between primary and confirmation differed by > 40%. Lower value reported due to possible coelution.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	FA76965-16	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72982.D	1	07/22/20 11:21	SO	n/a	n/a	VP2897
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 17		
Lab Sample ID:	FA76965-16	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121435.D	1	07/21/20 18:27	KB	07/21/20 11:30	OP81159	GDD3248
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	0.011	0.019	0.0093	ug/l	J

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 18		
Lab Sample ID:	FA76965-17	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72983.D	1	07/22/20 11:47	SO	n/a	n/a	VP2897
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 18		
Lab Sample ID:	FA76965-17	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121436.D	1	07/21/20 18:42	KB	07/21/20 11:30	OP81159	GDD3248
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	84%		63-137%

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

Report of Analysis

Client Sample ID:	02261 MW 19		
Lab Sample ID:	FA76965-18	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	5E23934.D	1	07/20/20 03:41	SP	n/a	n/a	V5E1094
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 [a]	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 [b]	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	131% [c]		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated BS recovery outside control limits high; however sample is ND.
(c) Outside control limits; however, sample is 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 19		
Lab Sample ID:	FA76965-18	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121437.D	1	07/21/20 18:58	KB	07/21/20 11:30	OP81159	GDD3248
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	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 20		
Lab Sample ID:	FA76965-19	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72997.D	250	07/22/20 17:36	SO	n/a	n/a	VP2897
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	8040	250	78	ug/l	
108-88-3	Toluene	21800	250	75	ug/l	
100-41-4	Ethylbenzene	1310	250	89	ug/l	
1330-20-7	Xylene (total)	7870	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	218	250	57	ug/l	J
91-20-3	Naphthalene	361	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	133	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	20300	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	1930	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	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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 20		
Lab Sample ID:	FA76965-19	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD112543.D	100	07/24/20 16:24	KB	07/21/20 11:30	OP81159	GDD3250
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	63.5	1.9	0.94	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:	FA76965-20	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73020.D	200	07/23/20 14:34	SO	n/a	n/a	VP2898
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	15600	200	62	ug/l	
108-88-3	Toluene	11400	200	60	ug/l	
100-41-4	Ethylbenzene	2350	200	71	ug/l	
1330-20-7	Xylene (total)	11300	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	575	200	46	ug/l	
91-20-3	Naphthalene	673	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	397	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	40000	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol	5140	4000	1100	ug/l	
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW 21		
Lab Sample ID:	FA76965-20	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD112544.D	100	07/24/20 16:39	KB	07/21/20 11:30	OP81159	GDD3250
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	73.3	1.9	0.93	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 22		
Lab Sample ID:	FA76965-21	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72999.D	50	07/22/20 18:26	SO	n/a	n/a	VP2897
Run #2 [a]	5E23962.D	50	07/20/20 15:08	SP	n/a	n/a	V5E1095
Run #3	P72887.D	100	07/19/20 19:26	SP	n/a	n/a	VP2892

	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	3140	50	16	ug/l	
108-88-3	Toluene	1030	50	15	ug/l	
100-41-4	Ethylbenzene	1570	50	18	ug/l	
1330-20-7	Xylene (total)	5200	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	50	11	ug/l	
91-20-3	Naphthalene	708	250	50	ug/l	
107-06-2	1,2-Dichloroethane	28.0	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	3910	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	455	1000	270	ug/l	J
762-75-4	Tert-Butyl Formate	ND	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	98%	108%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	133% [b]	94%	79-125%
2037-26-5	Toluene-D8	100%	98%	104%	85-112%
460-00-4	4-Bromofluorobenzene	104%	100%	104%	83-118%

(a) Confirmation run.
(b) Outside control limits.

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

Report of Analysis

Client Sample ID:	02261 MW 22		
Lab Sample ID:	FA76965-21	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121491.D	10	07/23/20 12:55	CV	07/21/20 11:30	OP81159	GDD3249
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	4.6	0.19	0.095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	122%		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 24		
Lab Sample ID:	FA76965-22	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72897.D	1	07/19/20 23:38	SP	n/a	n/a	VP2892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 24		
Lab Sample ID:	FA76965-22	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121441.D	1	07/21/20 20:00	KB	07/21/20 11:30	OP81159	GDD3248
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	0.036	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		63-137%

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	02261 MW 25		
Lab Sample ID:	FA76965-23	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72898.D	1	07/20/20 00:03	SP	n/a	n/a	VP2892
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	93%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	109%		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 25		
Lab Sample ID:	FA76965-23	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121444.D	1	07/21/20 20:47	KB	07/21/20 11:30	OP81159	GDD3248
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	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 26		
Lab Sample ID:	FA76965-24	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73010.D	1	07/23/20 10:24	SO	n/a	n/a	VP2898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	104%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 26		
Lab Sample ID:	FA76965-24	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121445.D	1	07/21/20 21:02	KB	07/21/20 11:30	OP81159	GDD3248
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	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:	FA76965-25	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72900.D	1	07/20/20 00:54	SP	n/a	n/a	VP2892
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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:	FA76965-25	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121446.D	1	07/21/20 21:17	KB	07/21/20 11:30	OP81159	GDD3248
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	94%		63-137%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 28		
Lab Sample ID:	FA76965-26	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73021.D	250	07/23/20 14:59	SO	n/a	n/a	VP2898
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	21900	250	78	ug/l	
108-88-3	Toluene	13500	250	75	ug/l	
100-41-4	Ethylbenzene	1360	250	89	ug/l	
1330-20-7	Xylene (total)	7840	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	5740	250	57	ug/l	
91-20-3	Naphthalene	461	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	1290	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	30700	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	139	500	61	ug/l	J
75-65-0	Tert-Butyl Alcohol	6950	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	102%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 28		
Lab Sample ID:	FA76965-26	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD112563.D	500	07/27/20 13:31	KB	07/21/20 14:20	OP81160	GDD3251
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	268	9.7	4.8	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 29		
Lab Sample ID:	FA76965-27	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73022.D	100	07/23/20 15:24	SO	n/a	n/a	VP2898
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	2060	100	31	ug/l	
108-88-3	Toluene	5840	100	30	ug/l	
100-41-4	Ethylbenzene	2220	100	36	ug/l	
1330-20-7	Xylene (total)	12800	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	100	23	ug/l	
91-20-3	Naphthalene	763	500	100	ug/l	
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	681	2000	530	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	ND	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	ND	2000	500	ug/l	

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

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

Report of Analysis

Client Sample ID:	02261 MW 29		
Lab Sample ID:	FA76965-27	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121493.D	10	07/23/20 13:26	CV	07/21/20 14:20	OP81160	GDD3249
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	3.2	0.19	0.094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	114%		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 30		
Lab Sample ID:	FA76965-28	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73023.D	10	07/23/20 15:49	SO	n/a	n/a	VP2898
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	80.3	10	3.1	ug/l	
108-88-3	Toluene	78.8	10	3.0	ug/l	
100-41-4	Ethylbenzene	553	10	3.6	ug/l	
1330-20-7	Xylene (total)	1660	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	10	2.3	ug/l	
91-20-3	Naphthalene	272	50	10	ug/l	
107-06-2	1,2-Dichloroethane	ND	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	60.2	200	53	ug/l	J
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	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 30		
Lab Sample ID:	FA76965-28	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121456.D	1	07/21/20 23:52	KB	07/21/20 14:20	OP81160	GDD3248
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.21	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	127%		63-137%

(a) All hits confirmed by dual column analysis.

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 31		
Lab Sample ID:	FA76965-29	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73048.D	250	07/24/20 13:52	SO	n/a	n/a	VP2899
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	14100	250	78	ug/l	
108-88-3	Toluene	18500	250	75	ug/l	
100-41-4	Ethylbenzene	1530	250	89	ug/l	
1330-20-7	Xylene (total)	8530	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	290	250	57	ug/l	
91-20-3	Naphthalene	387	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	351	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	26900	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	3610	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	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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 31		
Lab Sample ID:	FA76965-29	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD112562.D	250	07/27/20 12:53	KB	07/21/20 14:20	OP81160	GDD3251
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	131	4.7	2.4	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 32		
Lab Sample ID:	FA76965-30	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72901.D	1	07/20/20 01:19	SP	n/a	n/a	VP2892
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	0.84	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	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	20.6	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	6.0	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		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	106%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 32		
Lab Sample ID:	FA76965-30	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121458.D	1	07/22/20 00:23	KB	07/21/20 14:20	OP81160	GDD3248
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	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 33		
Lab Sample ID:	FA76965-31	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73025.D	20	07/23/20 16:39	SO	n/a	n/a	VP2898
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	1210	20	6.2	ug/l	
108-88-3	Toluene	ND	20	6.0	ug/l	
100-41-4	Ethylbenzene	48.5	20	7.1	ug/l	
1330-20-7	Xylene (total)	268	60	14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	112	20	4.6	ug/l	
91-20-3	Naphthalene	277	100	20	ug/l	
107-06-2	1,2-Dichloroethane	42.6	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	2270	400	110	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	40	4.9	ug/l	
75-65-0	Tert-Butyl Alcohol	350	400	110	ug/l	J
762-75-4	Tert-Butyl Formate	ND	400	100	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	104%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 33		
Lab Sample ID:	FA76965-31	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121497.D	10	07/23/20 14:28	CV	07/21/20 14:20	OP81160	GDD3249
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	2.9	0.19	0.094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		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 34		
Lab Sample ID:	FA76965-32	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72902.D	1	07/20/20 01:44	SP	n/a	n/a	VP2892
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	1.4	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	95%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 34		
Lab Sample ID:	FA76965-32	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121460.D	1	07/22/20 00:54	KB	07/21/20 14:20	OP81160	GDD3248
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	0.11	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		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 35		
Lab Sample ID:	FA76965-33	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73011.D	1	07/23/20 10:49	SO	n/a	n/a	VP2898
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	0.87	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	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	103%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 35		
Lab Sample ID:	FA76965-33	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121461.D	1	07/22/20 01:09	KB	07/21/20 14:20	OP81160	GDD3248
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 MW 28I		
Lab Sample ID:	FA76965-34	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73026.D	100	07/23/20 17:04	SO	n/a	n/a	VP2898
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	9260	100	31	ug/l	
108-88-3	Toluene	280	100	30	ug/l	
100-41-4	Ethylbenzene	235	100	36	ug/l	
1330-20-7	Xylene (total)	1610	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1830	100	23	ug/l	
91-20-3	Naphthalene	293	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	387	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	11000	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	63.7	200	24	ug/l	J
75-65-0	Tert-Butyl Alcohol	1940	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	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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 28I		
Lab Sample ID:	FA76965-34	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121498.D	5	07/23/20 14:43	CV	07/21/20 14:20	OP81160	GDD3249
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	1.1	0.096	0.048	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	119%		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 29I		
Lab Sample ID:	FA76965-35	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73027.D	5	07/23/20 17:29	SO	n/a	n/a	VP2898
Run #2	P72894.D	25	07/19/20 22:22	SP	n/a	n/a	VP2892

	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	39.3	5.0	1.6	ug/l	
108-88-3	Toluene	1.6	5.0	1.5	ug/l	J
100-41-4	Ethylbenzene	4.1	5.0	1.8	ug/l	J
1330-20-7	Xylene (total)	7.9	15	3.6	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	55.8	5.0	1.1	ug/l	
91-20-3	Naphthalene	ND	25	5.0	ug/l	
107-06-2	1,2-Dichloroethane	20.4	5.0	1.6	ug/l	
108-20-3	Di-Isopropyl Ether	ND	5.0	1.2	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	250	50	ug/l	
64-17-5	Ethyl Alcohol	ND	1000	410	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	10	1.2	ug/l	
75-85-4	Tert-Amyl Alcohol	4830 [a]	500	130	ug/l	
994-05-8	Tert-Amyl Methyl Ether	1.8	10	1.2	ug/l	J
75-65-0	Tert-Butyl Alcohol	500	100	27	ug/l	
762-75-4	Tert-Butyl Formate	ND	100	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	90%	79-125%
2037-26-5	Toluene-D8	101%	107%	85-112%
460-00-4	4-Bromofluorobenzene	105%	108%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 MW 29I		
Lab Sample ID:	FA76965-35	**Date Sampled:**	07/16/20
Matrix:	AQ - Ground Water	**Date Received:**	07/18/20
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]	DD1121463.D	1	07/22/20 01:40	KB	07/21/20 14:20	OP81160	GDD3248
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	0.72	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	73%		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:	FA76965-36	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73028.D	2.5	07/23/20 17:54	SO	n/a	n/a	VP2898
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	47.9	2.5	0.78	ug/l	
108-88-3	Toluene	25.6	2.5	0.75	ug/l	
100-41-4	Ethylbenzene	103	2.5	0.89	ug/l	
1330-20-7	Xylene (total)	454	7.5	1.8	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	0.57	ug/l	
91-20-3	Naphthalene	48.6	13	2.5	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.5	0.78	ug/l	
108-20-3	Di-Isopropyl Ether	ND	2.5	0.60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	ND	130	25	ug/l	
64-17-5	Ethyl Alcohol	ND	500	200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.59	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	50	13	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.61	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	50	13	ug/l	
762-75-4	Tert-Butyl Formate	ND	50	13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	101%		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 30I		
Lab Sample ID:	FA76965-36	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121464.D	1	07/22/20 01:55	KB	07/21/20 14:20	OP81160	GDD3248
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	0.074	0.019	0.0096	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		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 31I		
Lab Sample ID:	FA76965-37	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73029.D	20	07/23/20 18:19	SO	n/a	n/a	VP2898
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	1450	20	6.2	ug/l	
108-88-3	Toluene	56.4	20	6.0	ug/l	
100-41-4	Ethylbenzene	79.0	20	7.1	ug/l	
1330-20-7	Xylene (total)	584	60	14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	316	20	4.6	ug/l	
91-20-3	Naphthalene	95.9	100	20	ug/l	J
107-06-2	1,2-Dichloroethane	89.0	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	8880	400	110	ug/l	
994-05-8	Tert-Amyl Methyl Ether	18.5	40	4.9	ug/l	J
75-65-0	Tert-Butyl Alcohol	1450	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	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

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

Report of Analysis

Client Sample ID:	02261 MW 31I		
Lab Sample ID:	FA76965-37	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121465.D	1	07/22/20 02:11	KB	07/21/20 14:20	OP81160	GDD3248
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	0.64	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		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 1		
Lab Sample ID:	FA76965-38	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73012.D	1	07/23/20 11:14	SO	n/a	n/a	VP2898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

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

Report of Analysis

Client Sample ID:	02261 TW 1		
Lab Sample ID:	FA76965-38	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121468.D	1	07/22/20 02:57	KB	07/21/20 14:20	OP81160	GDD3248
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	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 TW 2		
Lab Sample ID:	FA76965-39	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73013.D	1	07/23/20 11:39	SO	n/a	n/a	VP2898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	102%		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 2		
Lab Sample ID:	FA76965-39	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121469.D	1	07/22/20 03:13	KB	07/21/20 14:20	OP81160	GDD3248
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	99%		63-137%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 3		
Lab Sample ID:	FA76965-40	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73014.D	1	07/23/20 12:04	SO	n/a	n/a	VP2898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

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

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

Report of Analysis

Client Sample ID:	02261 TW 3		
Lab Sample ID:	FA76965-40	**Date Sampled:**	07/15/20
Matrix:	AQ - Ground Water	**Date Received:**	07/18/20
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	DD1121470.D	1	07/22/20 03:28	KB	07/21/20 14:20	OP81160	GDD3248
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	101%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 4		
Lab Sample ID:	FA76965-41	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72932.D	100	07/20/20 14:44	SP	n/a	n/a	VP2893
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	6260	100	31	ug/l	
108-88-3	Toluene	63.4	100	30	ug/l	J
100-41-4	Ethylbenzene	205	100	36	ug/l	
1330-20-7	Xylene (total)	323	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1320	100	23	ug/l	
91-20-3	Naphthalene	ND	500	100	ug/l	
107-06-2	1,2-Dichloroethane	321	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	11500	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	49.3	200	24	ug/l	J
75-65-0	Tert-Butyl Alcohol	2340	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	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 4		
Lab Sample ID:	FA76965-41	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121471.D	1	07/22/20 03:44	KB	07/21/20 14:20	OP81160	GDD3248
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.59	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		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:	FA76965-42	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73045.D	1	07/24/20 12:37	SO	n/a	n/a	VP2899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.0	1.0	0.31	ug/l	
108-88-3	Toluene	0.54	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	0.99	1.0	0.36	ug/l	J
1330-20-7	Xylene (total)	1.0	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	15.0	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	4.3	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.42	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	199	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.97	2.0	0.24	ug/l	J
75-65-0	Tert-Butyl Alcohol	129	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	103%		79-125%
2037-26-5	Toluene-D8	103%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 5		
Lab Sample ID:	FA76965-42	**Date Sampled:**	07/16/20
Matrix:	AQ - Ground Water	**Date Received:**	07/18/20
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	DD1121472.D	1	07/22/20 03:59	KB	07/21/20 14:20	OP81160	GDD3248
Run #2							

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 6		
Lab Sample ID:	FA76965-43	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72939.D	1	07/20/20 17:42	SP	n/a	n/a	VP2893
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	95%		79-125%
2037-26-5	Toluene-D8	107%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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:	FA76965-43	Date Sampled:	07/15/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121473.D	1	07/22/20 04:15	KB	07/21/20 14:20	OP81160	GDD3248
Run #2							

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 7		
Lab Sample ID:	FA76965-44	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72940.D	1	07/20/20 18:08	SP	n/a	n/a	VP2893
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	105%		85-112%
460-00-4	4-Bromofluorobenzene	106%		83-118%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 7		
Lab Sample ID:	FA76965-44	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121474.D	1	07/22/20 04:30	KB	07/21/20 14:20	OP81160	GDD3248
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	0.016	0.019	0.0094	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		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 8		
Lab Sample ID:	FA76965-45	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P72941.D	1	07/20/20 18:33	SP	n/a	n/a	VP2893
Run #2	P73049.D	10	07/24/20 14:17	SO	n/a	n/a	VP2899

	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	97.1 [a]	10	3.1	ug/l	
108-88-3	Toluene	0.42	1.0	0.30	ug/l	J
100-41-4	Ethylbenzene	2.2	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.77	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	633 [a]	10	2.3	ug/l	
91-20-3	Naphthalene	1.1	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	83.8	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	1.8	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	1760 [a]	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	24.0	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	905	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%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	86%	106%	79-125%
2037-26-5	Toluene-D8	105%	104%	85-112%
460-00-4	4-Bromofluorobenzene	106%	104%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	02261 TW 8		
Lab Sample ID:	FA76965-45	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121475.D	1	07/22/20 04:45	KB	07/21/20 14:20	OP81160	GDD3248
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		63-137%

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 9		
Lab Sample ID:	FA76965-46	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73046.D	1	07/24/20 13:02	SO	n/a	n/a	VP2899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

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

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

Report of Analysis

Client Sample ID:	02261 TW 9		
Lab Sample ID:	FA76965-46	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121503.D	1	07/23/20 16:01	CV	07/22/20 15:15	OP81197	GDD3249
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	0.11	0.019	0.0095	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 TW 10		
Lab Sample ID:	FA76965-47	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73047.D	1	07/24/20 13:27	SO	n/a	n/a	VP2899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

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

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

Report of Analysis

Client Sample ID:	02261 TW 10		
Lab Sample ID:	FA76965-47	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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	DD1121504.D	1	07/23/20 16:16	CV	07/22/20 15:15	OP81197	GDD3249
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	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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 DUP A		
Lab Sample ID:	FA76965-48	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73050.D	200	07/24/20 14:42	SO	n/a	n/a	VP2899
Run #2 [a]	5E23959.D	500	07/20/20 13:59	SP	n/a	n/a	V5E1095

	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	15800	200	62	ug/l	
108-88-3	Toluene	700	200	60	ug/l	
100-41-4	Ethylbenzene	1010	200	71	ug/l	
1330-20-7	Xylene (total)	3950	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2130	200	46	ug/l	
91-20-3	Naphthalene	232	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	562	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	33600	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol	46300	4000	1100	ug/l	
762-75-4	Tert-Butyl Formate	ND	4000	1000	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	108%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	131% [b]	79-125%
2037-26-5	Toluene-D8	102%	98%	85-112%
460-00-4	4-Bromofluorobenzene	104%	106%	83-118%

(a) Confirmation run.
(b) Outside control limits.

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

Report of Analysis

Client Sample ID:	02261 DUP A		
Lab Sample ID:	FA76965-48	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD1121505.D	1	07/23/20 16:32	CV	07/22/20 15:15	OP81197	GDD3249
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	69%		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 DUP B		
Lab Sample ID:	FA76965-49	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73051.D	200	07/24/20 15:07	SO	n/a	n/a	VP2899
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	7860	200	62	ug/l	
108-88-3	Toluene	11600	200	60	ug/l	
100-41-4	Ethylbenzene	588	200	71	ug/l	
1330-20-7	Xylene (total)	6790	600	140	ug/l	
1634-04-4	Methyl Tert Butyl Ether	172	200	46	ug/l	J
91-20-3	Naphthalene	386	1000	200	ug/l	J
107-06-2	1,2-Dichloroethane	163	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	11400	4000	1100	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	400	49	ug/l	
75-65-0	Tert-Butyl Alcohol	1190	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	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	103%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	105%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	FA76965-49	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD112549.D	100	07/24/20 17:57	KB	07/22/20 15:15	OP81197	GDD3250
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	74.2	1.9	0.94	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:	FA76965-50	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73052.D	250	07/24/20 15:32	SO	n/a	n/a	VP2899
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	15200	250	78	ug/l	
108-88-3	Toluene	10700	250	75	ug/l	
100-41-4	Ethylbenzene	2200	250	89	ug/l	
1330-20-7	Xylene (total)	10500	750	180	ug/l	
1634-04-4	Methyl Tert Butyl Ether	547	250	57	ug/l	
91-20-3	Naphthalene	532	1300	250	ug/l	J
107-06-2	1,2-Dichloroethane	408	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	38600	5000	1300	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	500	61	ug/l	
75-65-0	Tert-Butyl Alcohol	5300	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	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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 DUP C		
Lab Sample ID:	FA76965-50	Date Sampled:	07/16/20
Matrix:	AQ - Ground Water	Date Received:	07/18/20
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]	DD112550.D	100	07/24/20 18:13	KB	07/22/20 15:15	OP81197	GDD3250
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	61.4	1.9	0.96	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 FIELD BLANK		
Lab Sample ID:	FA76965-51	Date Sampled:	07/16/20
Matrix:	AQ - Field Blank Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73041.D	1	07/24/20 10:56	SO	n/a	n/a	VP2899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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 FIELD BLANK		
Lab Sample ID:	FA76965-51	**Date Sampled:**	07/16/20
Matrix:	AQ - Field Blank Water	**Date Received:**	07/18/20
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	DD1121510.D	1	07/23/20 17:49	CV	07/22/20 15:15	OP81197	GDD3249
Run #2							

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

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

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

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

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	02261 FIELD BLANK		
Lab Sample ID:	FA76965-52	Date Sampled:	07/15/20
Matrix:	AQ - Field Blank Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73042.D	1	07/24/20 11:21	SO	n/a	n/a	VP2899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%
17060-07-0	1,2-Dichloroethane-D4	101%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	105%		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 FIELD BLANK		
Lab Sample ID:	FA76965-52	Date Sampled:	07/15/20
Matrix:	AQ - Field Blank Water	Date Received:	07/18/20
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	DD1121511.D	1	07/23/20 18:05	CV	07/22/20 15:15	OP81197	GDD3249
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	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 TRIP BLANK		
Lab Sample ID:	FA76965-53	Date Sampled:	07/16/20
Matrix:	AQ - Trip Blank Water	Date Received:	07/18/20
Method:	SW846 8260D	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	P73040.D	1	07/24/20 10:31	SO	n/a	n/a	VP2899
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

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

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

Subcontract Lab Data

Report of Analysis

4

Chain of Custody
and
Miscellaneous Documents

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VG21016-004**

Description: **02261 PW TRIP BLANK** Matrix: **Aqueous**

Date Sampled: **07/16/2020 0701**

Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	07/27/2020 2253	JAN		61413

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	**75-65-0**	**8260D**	**3.7**	**J**	**20**	**0.40**	**ug/L**	**1**

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	70-130
Toluene-d8		101	70-130
Bromofluorobenzene		103	70-130

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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VG21016-004**

Description: **02261 PW TRIP BLANK** Matrix: **Aqueous**

Date Sampled: **07/16/2020 0701**

Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	07/29/2020 1328	TML		61606

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		89	70-130
1,2-Dichlorobenzene-d4		90	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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando**
Description: **02261 PW FIELD BLANK**
Date Sampled: **07/16/2020 1301**
Date Received: **07/21/2020**
Laboratory ID: **VG21016-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	07/27/2020 1441	JJG	07/27/2020 0921	61339

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.020	0.0041	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		84	57-137

4

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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VG21016-003**

Description: **02261 PW FIELD BLANK** Matrix: **Aqueous**

Date Sampled: **07/16/2020 1301**

Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	07/28/2020 0000	JAN		61413

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260D	ND		20	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Toluene-d8		98	70-130
Bromofluorobenzene		103	70-130

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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VG21016-003**

Description: **02261 PW FIELD BLANK** Matrix: **Aqueous**

Date Sampled: **07/16/2020 1301**

Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	07/29/2020 1302	TML		61606

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		86	70-130
1,2-Dichlorobenzene-d4		92	70-130

4

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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VG21016-002**

Description: **02261 DUP D** Matrix: **Aqueous**

Date Sampled: **07/16/2020 1203**

Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	07/27/2020 1428	JJG	07/27/2020 0921	61339

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.021	0.0042	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		87	57-137

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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando**
Laboratory ID: **VG21016-002**
Description: **02261 DUP D**
Matrix: **Aqueous**
Date Sampled: **07/16/2020 1203**
Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	07/27/2020 2338	JAN		61413

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260D	ND		20	0.40	ug/L	1

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

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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VG21016-002**

Description: **02261 DUP D** Matrix: **Aqueous**

Date Sampled: **07/16/2020 1203**

Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	07/29/2020 1235	TML		61606

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		87	70-130
1,2-Dichlorobenzene-d4		93	70-130

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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

EDB & DBCP by Microextraction

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VG21016-001**

Description: **02261 PW-3** Matrix: **Aqueous**

Date Sampled: **07/16/2020 1730**

Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	504.1	504.1	1	07/27/2020 1404	JJG	07/27/2020 0921	61339

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,2-Dibromoethane (EDB)	106-93-4	504.1	ND		0.020	0.0040	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,1,1,2-Tetrachloroethane		80	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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VG21016-001**

Description: **02261 PW-3** Matrix: **Aqueous**

Date Sampled: **07/16/2020 1730**

Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260D	1	07/27/2020 2315	JAN		61413

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
tert-Amyl alcohol (TAA)	75-85-4	8260D	ND		20	8.0	ug/L	1
tert-Amyl methyl ether (TAME)	994-05-8	8260D	ND		10	0.42	ug/L	1
tert-Butyl formate (TBF)	762-75-4	8260D	ND		5.0	2.0	ug/L	1
Diisopropyl ether (IPE)	108-20-3	8260D	ND		1.0	0.40	ug/L	1
3,3-Dimethyl-1-butanol	624-95-3	8260D	ND		20	8.0	ug/L	1
Ethanol	64-17-5	8260D	ND		100	52	ug/L	1
Ethyl-tert-butyl ether (ETBE)	637-92-3	8260D	ND		1.0	0.40	ug/L	1
tert-butyl alcohol (TBA)	75-65-0	8260D	ND		20	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		100	70-130
Toluene-d8		98	70-130
Bromofluorobenzene		110	70-130

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

Pace Analytical Services, LLC *(formerly Shealy Environmental Services, Inc.)*
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

Volatile Organic Compounds by GC/MS

Client: **SGS North America Inc. - Orlando** Laboratory ID: **VG21016-001**

Description: **02261 PW-3** Matrix: **Aqueous**

Date Sampled: **07/16/2020 1730**

Date Received: **07/21/2020**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	524.2	524.2	1	07/29/2020 1208	TML		61606

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	524.2	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	524.2	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	524.2	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	524.2	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	524.2	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	524.2	ND		0.50	0.40	ug/L	1
Xylenes (total)	1330-20-7	524.2	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
Bromofluorobenzene		85	70-130
1,2-Dichlorobenzene-d4		92	70-130

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

Detection Summary

SGS North America Inc. - Orlando

Lot Number: VG21016

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
004	02261 PW TRIP BLANK	Aqueous	tert-butyl alcohol (TBA)	8260D	3.7	J	ug/L	15

(1 detection)

4

Sample Summary
SGS North America Inc. - Orlando
Lot Number: VG21016

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	02261 PW-3	Aqueous	07/16/2020 1730	07/21/2020
002	02261 DUP D	Aqueous	07/16/2020 1203	07/21/2020
003	02261 PW FIELD BLANK	Aqueous	07/16/2020 1301	07/21/2020
004	02261 PW TRIP BLANK	Aqueous	07/16/2020 0701	07/21/2020

(4 samples)

Case Narrative
SGS North America Inc. - Orlando
Lot Number: VG21016

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 Pace Analytical Services, LLC ("Pace") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Pace 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 Pace Project Manager listed on the cover page.

Pace Analytical®

4

Report of Analysis

SGS North America Inc. - Orlando
4405 Vineland Rd
Suite C-15
Orlando, FL 32811
Attention: Muna Mohammed

Project Name: FA76965X

Lot Number:**VG21016**

Date Completed:07/30/2020

07/31/2020 11:06 AM
Approved and released by:
Project Manager II: **Lucas Odom**

ANAB
ANSI National Accreditation Board
ACCREDITED
TESTING LABORATORY

The electronic signature above is the equivalent of a handwritten signature.
This report shall not be reproduced, except in its entirety, without the written approval of Pace Analytical Services, LLC.

Pace Analytical Services, LLC (*formerly Shealy Environmental Services, Inc.*)
106 Vantage Point Drive West Columbia, SC 29172
Tel: 803-791-9700 Fax: 803-791-9111 www.pacelabs.com

Page 1 of 1

CHAIN OF CUSTODY

SGS

SGS North America Inc. - Orlando
4405 Vineland Road, Suite C-15 Orlando, Fl 32811
TEL: 407-425-6700 FAX: 407-425-0707
www.sgs.com/ehsusa

FED-EX Tracking #
SGS Quote #
Sample Order Control #
SGS Job # FA76965X

Client / Reporting Information

Company Name: SGS North America Inc.
Address: 4405 Vineland Rd, Suite C-15
Orlando FL 32811
Contact: [illegible]@sgs.com
Phone: 407-425-6700
Fax #:
Email:
Project Manager: MCKP

Project Information

Project Name: FA76965X
Street:
City: State: SC
Project #:
Client Purchase Order #:
Project Manager:

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

Requested Analysis (see TEST CODE sheet)

VG21016

LJD

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

Sample #	Field ID / Point of Collection	MEOH/DI/WA#	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	PCI	NEOH	NNO3	NO2S	NONE	DI Water	MEOH	ENCORE	V504EDB; V624BTEX, MTBE, NAPHTH, 1,2-DCA; V8260OXY8	V624BTEX, MTBE, NAPHTH, 1,2-DCA; V8260OXY8	LAB USE ON
4X	02261 PW-3		7/16/20	5:30:00 PM	MCKP	DW	9	6							3	X		
5X	02261 DUP D		7/16/20	12:03:00 PM	MCKP	DW	9	6							3	X		
6X	02261 PW FIELD BLANK		7/16/20	1:01:00 PM	MCKP	DW	8	6							3	X		
7X	02261 PW TRIP BLANK		7/16/20	7:01:00 AM	MCKP	DW	4	4									X	

Comments / Special Instructions

Turnaround Time (Business days)

Approved By (SGS PM) / Date

- Standard 10 Day (business)
- 5 Business Days RUSH
- 3 Business Days RUSH
- 2 Business Days RUSH
- 1 Business Day EMERGENCY
- X other 7

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [ ] [ ]

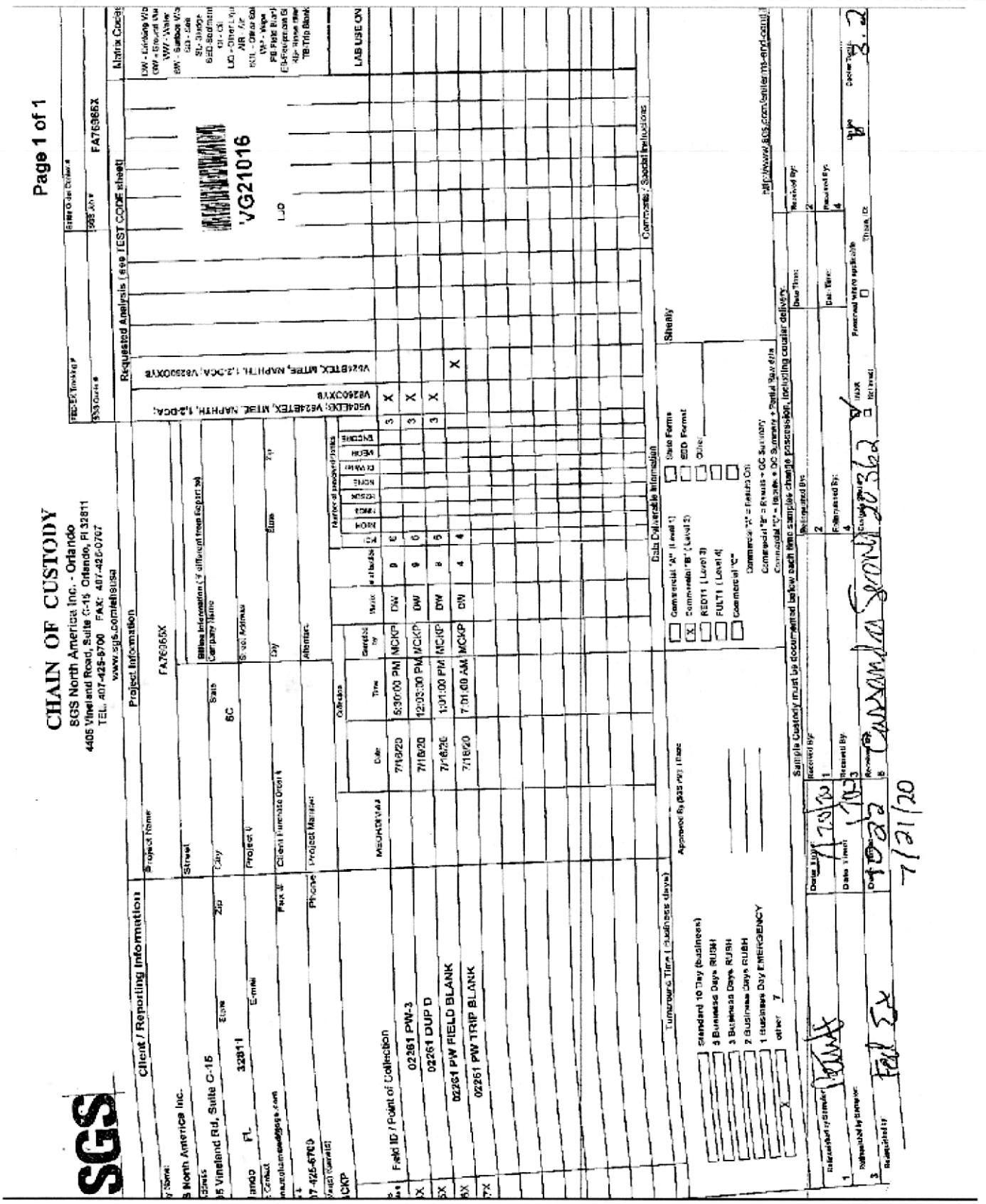
Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Shealy

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

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

Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1 [signature]	7/20/20	1	2		2
3	1700	3	4		4
Relinquished by: Fed Ex	7/21/20 1022	5 Cassandra Seronti	Custody Seal # 20362 ☑ Intact ☐ Not Intact	Preserved where applicable ☐ Thermal ID	On Ice ☑ Cooler Temp. 3.2



Pace Analytical Services, LLC (formerly Shealy Environmental Services, Inc.)
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.pacelabs.com

Page 17 of 18

SGS

143 of 190

FA76965

4

Shealy Environmental Services, Inc.
Document Number: ME0018C-14

Page 1 of 1
Effective Date: 8/2/2018

Sample Receipt Checklist (SRC)

Client: SGS

Cooler Inspected by/date: CMS 7/21/20 Lot #: VC2016

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Other:

☑ Yes	☐ No		1. Were custody seals present on the cooler?
☑ Yes	☐ No	☐ NA	2. If custody seals were present, were they intact and unbroken?

pH Strip ID: NA Chlorine Strip ID: NA Tested by: NA

Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: NA

3.2/3.2 °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 # NA

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

Sample(s) NA were received incorrectly preserved and were adjusted accordingly in sample receiving with NA mL of circle one: H_2SO_4, HNO_3, HCl, NaOH using SR # NA.

Time of preservation NA. If more than one preservative is needed, please note in the comments below.

Sample(s) 02(5), TB(4) were received with bubbles >6 mm in diameter.

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

SR barcode labels applied by: CSM2 Date: 7/21/20

Comments:

Cannot discern trip blanks that are listed on first chain from those listed on the second chain

504.1 IN HCl VIALS

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- **Chain of Custody**

SGS

SGS North America Inc - Orlando
Chain of Custody

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

FA76965

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: SB
Phone #: 704-451-2408
Sampler(s) Name(s) (Printed) Sampler 1: Matt Casey Sampler 2: Kyle Perry

Project Information

Project Name: Carolina Country Convenience
Street: 1908 Hwy 601 N
City: Pageland State: SC
Project #: 3289
Fax #: US # 02275
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	Blex, Mn, Fe, Methane, Ethane, Ethene, Ethane by 8260	EDB by 8011	LAB USE ONLY
1	02275 MW-1	7/16/2020	1045	MC	GW	5			X							X	X	
2	02275 MW-2	7/15/2020	1601	MC	GW	5			X							X	X	
3	02275 MW-3	7/15/2020	1449	MC	GW	5			X							X	X	
4	02275 MW-4	7/15/2020	1522	MC	GW	5			X							X	X	
5	02275 MW-5	7/15/2020	1642	MC	GW	5			X							X	X	
6	02275 MW-6	7/16/2020	0820	MC	GW	5			X							X	X	
7	02275 MW-7	7/16/2020	0715	MC	GW	5			X							X	X	
8	02275 MW-8	7/16/2020	0800	MC	GW	5			X							X	X	
9	02275 MW-9	7/15/2020	1424	MC	GW	5			X							X	X	
10	02275 MW-10	7/16/2020	0943	MC	GW	5			X							X	X	
11	02275 MW-12	7/16/2020	1601	MC	GW	5			X							X	X	
12	02275 MW-13	7/16/2020	1652	MC	GW	5			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)

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
- [x] EDD'S

INITIAL ASESSMENT B6
LABEL VERIFICATION AG PH

Comments / Remarks

SCDHEC UST Division
UST Permit # 02275

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]	7/17/2020 1700	2 FedEx 1009 6578 2089	3 FX		4 [signature] 7/18/20 1015
5		6	7		8

Lab Use Only : Cooler Temperature (s) Celsius (corrected): 2.2, 4.5

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

ORLD-SMT-0001-03-FORM-COC (4).xls Rev 031318

5.1

5

FA76965: Chain of Custody
Page 1 of 6

FA76965

SGS North America Inc - Orlando
Chain of Custody

SGS

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

SGS - ORLANDO JOB # : PAGE 2 OF 6

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc
Address: 3502 Hughes Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Ball Email: [illegible]
Phone #: 704-451-2406
Sampler(s) Name(s) (Printed) Sampler 1: Matt Conley Sampler 2: Kyle Perry [illegible]

Project Information

Project Name: Carolina Country Convenience
Street 1906 Hwy 601 N
City Pageland State SC
Project # 3289
Fax # UST # 02275
Client Purchase Order #

Analytical Information

BTEX, MTBE, naphthalene, 1,2-DCA by 8260 | 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	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 by 8260	EDB by 8011	LAB USE ONLY
13	02275 MW-14	7/16/2020	1050	MC	GW	5			X							X	X	
14	02275 MW-15	7/16/2020	1103	MC	GW	5			X							X	X	
15	02275 MW-16	7/16/2020	0732	MC	GW	5			X							X	X	
16	02275 MW-17	7/16/2020	0814	MC	GW	5			X							X	X	
17	02275 MW-18	7/16/2020	0847	MC	GW	5			X							X	X	
18	02275 MW-19	7/16/2020	0935	MC	GW	5			X							X	X	
19	02275 MW-20	7/16/2020	[illegible]	MC	GW	5			X							X	X	
20	02275 MW-21	7/16/2020	1535	MC	GW	5			X							X	X	
21	02275 MW-22	7/16/2020	1704	MC	GW	5			X							X	X	
22	02275 MW-24	7/16/2020	1545	MC	GW	5			X							X	X	
23	02275 MW-25	7/16/2020	1503	MC	GW	5			X							X	X	
24	02275 MW-26	7/16/2020	1624	MC	GW	5			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 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 Division
UST Permit #02275

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]	7/17/2020 1700	2 FedEx 1009 6378 2040	3 FX		4 [signature] 7/18/20 1015
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 (4).xls Rev 031318

5.1 5

FA76965: Chain of Custody
Page 2 of 6

SGS North America Inc - Orlando
Chain of Custody

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

FA76965

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 Bolt Email: [illegible]
Phone #: 704-451-3406
Sampler(s) Name(s) (Printed)
Sampler 1: Matt Coker Sampler 2: Kyle Petty

Project Information

Project Name: Cardno County Surveillance
Street: 1108 Hwy 601 N
City: Pageland State: SC
Project #: 5239
Fax #: UST #022275
Client Purchase Order #

Analytical Information

BTEX, MTBE, naphthalene, 1,2-DCA & EDB by 601

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	022275 MW-27	7/16/2020	1103	MC	GW	5			X							
26	022275 MW-28	7/16/2020	1204	MC	GW	5			X							
27	022275 MW-29	7/16/2020	1144	MC	GW	5			X							
28	022275 MW-30	7/16/2020	1458	MC	GW	5			X							
29	022275 MW-31	7/16/2020	1640	MC	GW	5			X							
30	022275 MW-32	7/16/2020	1030	MC	GW	5			X							
31	022275 MW-33	7/16/2020	1307	MC	GW	5			X							
32	022275 MW-34	7/16/2020	0941	MC	GW	5			X							
33	022275 MW-35	7/16/2020	0905	MC	GW	5			X							
34	022275 MW-36I	7/16/2020	1021	MC	GW	5			X							
35	022275 MW-39I	7/16/2020	1135	MC	GW	5			X							
36	022275 MW-30I	7/16/2020	1510	MC	GW	5			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 PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT1 (EPA LEVEL 4)
- [x] EDD'S

Comments / Remarks

SCDHEC UST Division
UST Permit #022275

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	Matt Coker	7/17/2020 1700	2 FedEx 1004 6376 2089	3		4 Petty 7/18/20 10:15
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

ORLD-SMT-0001-03-FORM-COC (4).xls Rev 031318

5.1 5

FA76965: Chain of Custody
Page 3 of 6

SGS

SGS North America Inc - Orlando
Chain of Custody

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

FA76965

SGS - ORLANDO JOB # : PAGE 4 OF 5

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 5502 Hunter Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Bell Email: [illegible]
Phone #: 704-451-2404
Sampler(s) Name(s) (Printed)
Sampler 1: Matt Cooley Sampler 2: Kyle Perry

Project Information

Project Name: Carolina Country Convenience
Street: 1898 Hwy 601 N
City: Pageland State: SC
Project #: 3089
Fax #: UST #02275
Client Purchase Order #

Analytical Information

BTEX, MTBE, [illegible] by 8260
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	Other	None	HCl	NaOH	HNO3	H2SO4	NaOH+ZNAC	DI Water	MeOH	BTEX, MTBE, [illegible] by 8260	EDB by 8011	Lab Use Only
37	02275	MW-3/I	7/16/2020	1600	MC	GW	5			X							X	X	
38	02275	TW-1	7/16/2020	0249	MC	GW	5			X							X	X	
39	02275	TW-2	7/16/2020	0831	MC	GW	5			X							X	X	
40	02275	TW-3	7/16/2020	1026	MC	GW	5			X							X	X	
41	02275	TW-4	7/16/2020	1240	MC	GW	5			X							X	X	
42	02275	TW-5	7/16/2020	1401	MC	GW	5			X							X	X	
43	02275	TW-6	7/15/2020	1739	MC	GW	5			X							X	X	
44	02275	TW-7	7/16/2020	0856	MC	GW	5			X							X	X	
45	02275	TW-8	7/16/2020	1236	MC	GW	5			X							X	X	
46	02275	TW-9	7/16/2020	1000	MC	GW	5			X							X	X	
47	02275	TW-10	7/16/2020	1332	MC	GW	5			X							X	X	
48	02275	DUP-A	7/16/2020	1200	MC	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 V/A 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 Division
UST Permit # 02275

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]	7/17/2020 1200	2 FedEx 1009 6378 2090	3 EX		4 [signature] 7/18/20 1015
5		6	7		8

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

ORLD-SMT-0001-03-FORM-COC (4).xls Rev 031318

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

5.1

5

FA76965: Chain of Custody
Page 4 of 6

FA76965

SGS North America Inc - Orlando
Chain of Custody

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

SGS - ORLANDO JOB # : PAGE 5 OF 5

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Geological Resources Inc.
Address: 3502 Hoyer Road
City: Monroe State: NC Zip: 28110
Project Contact: Scott Bell Email: [illegible]
Phone #: 704-451-2008
Sampler(s) Name(s) (Printed) Sampler 1: Matt Cooker Sampler 2: Kyle Perry

Project Information

Project Name: Carolina County Convenience
Street 1908 Hwy 601 N
City Pageland State SC
Project # 3289
Fax # UST # 02275
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+ZnAl	DI Water	MeOH	BTEX, MTBE, naphthalene, 1,2-DCA, 8 oxygenates 8260	EDB 6 & 8011	MEX, MTBE, naphthalene, 1,2-DCA, 8 oxygenates 8260	8 oxygenates 8260	EDB 504.1
49	02275 DUP-B	7/14/2020	1201	MC	GW	5			X							X	X			
50	02275 DUP-C	7/14/2020	1202	MC	GW	5			X							X	X			
51	02275 Field Blank	7/14/2020	1300	KP	GW	5			X							X	X			
52	02275 Field Blank	7/14/2020	1300	KP	GW	5			X							X	X			
53	02275 Trip Blank	7/16/2020	0700	KP	GW	2			X							X				
54	02275 PW-3	7/16/2020	1730	KP	GW	9			X									X	X	X
55	02275 DUP-D	7/16/2020	1203	KP	GW	9			X									X	X	X
56	02275 PW Field Blank	7/16/2020	1301	KP	GW	9			X									X	X	X
57	02275 PW-Trip Blank	7/16/2020	0701	KP	GW	4			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

LAB USE ONLY

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

UST Permit # 02275
SCDHEC UST Division

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]	7/17/2020 1200	2 Fed Ex 1009 6378 1089	3 FX		4 [signature] 7/18/20 1015
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 (4).xls Rev 031318

5.1

5

FA76965: Chain of Custody
Page 5 of 6

SGS Sample Receipt Summary

Job Number: FA76965 **Client:** GEOLOGICAL RESOURCES INC. **Project:** CAROLINA COUNT

Date / Time Received: 7/18/2020 10:15:00 AM **Delivery Method:** FX **Airbill #'s:**

Therm ID: IR 1; **Therm CF:** -0.2; **# of Coolers:** 2

Cooler Temps (Raw Measured) °C: Cooler 1: (2.4); Cooler 2: (4.5);

Cooler Temps (Corrected) °C: Cooler 1: (2.2); Cooler 2: (4.3);

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

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler	☑		☐	☐
2. Trip Blank listed on COC	☑		☐	☐

	W	or	S	N/A
3. Type Of TB Received	☑		☐	☐

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

Misc. Information

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

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

Residual Chlorine Test Strip Lot #: _____

Comments

SM001
Rev. Date 05/24/17

Technician: PETERH Date: 7/18/2020 10:15:00 A Reviewer: _____ Date: _____

5.1
5

FA76965: Chain of Custody
Page 6 of 6

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: FA76965
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
VP2892-MB	P72883.D	1	07/19/20	SP	n/a	n/a	VP2892

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

FA76965-22, FA76965-23, FA76965-25, FA76965-30, FA76965-32, FA76965-35

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	105%	85-112%
460-00-4	4-Bromofluorobenzene	107%	83-118%

Method Blank Summary

Job Number: FA76965
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
V5E1094-MB	5E23921.D	1	07/19/20	SP	n/a	n/a	V5E1094

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

FA76965-2, FA76965-3, FA76965-4, FA76965-5, FA76965-6, FA76965-7, FA76965-8, FA76965-9, FA76965-10, FA76965-15, FA76965-18

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	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	115%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

Method Blank Summary

Job Number: FA76965
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
VP2893-MB	P72920.D	1	07/20/20	SP	n/a	n/a	VP2893

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

FA76965-41, FA76965-43, FA76965-44, FA76965-45

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	93%	79-125%
2037-26-5	Toluene-D8	106%	85-112%
460-00-4	4-Bromofluorobenzene	107%	83-118%

Method Blank Summary

Job Number: FA76965
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
VP2897-MB	P72979.D	1	07/22/20	SO	n/a	n/a	VP2897

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

FA76965-1, FA76965-13, FA76965-14, FA76965-16, FA76965-17, FA76965-19, FA76965-21

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	105%	85-112%
460-00-4	4-Bromofluorobenzene	107%	83-118%

Method Blank Summary

Job Number: FA76965
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
VP2898-MB	P73009.D	1	07/23/20	SO	n/a	n/a	VP2898

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

FA76965-11, FA76965-12, FA76965-20, FA76965-24, FA76965-26, FA76965-27, FA76965-28, FA76965-31, FA76965-33, FA76965-34, FA76965-35, FA76965-36, FA76965-37, FA76965-38, FA76965-39, FA76965-40

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	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	104%	85-112%
460-00-4	4-Bromofluorobenzene	106%	83-118%

Method Blank Summary

Job Number: FA76965
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
VP2899-MB	P73039.D	1	07/24/20	SO	n/a	n/a	VP2899

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

FA76965-29, FA76965-42, FA76965-45, FA76965-46, FA76965-47, FA76965-48, FA76965-49, FA76965-50, FA76965-51, FA76965-52, FA76965-53

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	103%	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	106%	83-118%

Blank Spike Summary

Job Number: FA76965
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
VP2892-BS	P72884.D	1	07/19/20	SP	n/a	n/a	VP2892

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

FA76965-22, FA76965-23, FA76965-25, FA76965-30, FA76965-32, FA76965-35

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	24.8	99	81-122
107-06-2	1,2-Dichloroethane	25	22.8	91	75-125
108-20-3	Di-Isopropyl Ether	25	24.7	99	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1330	106	55-126
64-17-5	Ethyl Alcohol	500	440	88	46-145
100-41-4	Ethylbenzene	25	25.5	102	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.0	92	71-120
1634-04-4	Methyl Tert Butyl Ether	25	25.1	100	72-117
91-20-3	Naphthalene	25	23.1	92	63-132
75-85-4	Tert-Amyl Alcohol	250	246	98	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.7	99	73-122
75-65-0	Tert-Butyl Alcohol	250	241	96	63-129
762-75-4	Tert-Butyl Formate	125	113	90	46-130
108-88-3	Toluene	25	24.6	98	80-120
1330-20-7	Xylene (total)	75	73.2	98	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
V5E1094-BS	5E23919.D	1	07/19/20	SP	n/a	n/a	V5E1094

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

FA76965-2, FA76965-3, FA76965-4, FA76965-5, FA76965-6, FA76965-7, FA76965-8, FA76965-9, FA76965-10, FA76965-15, FA76965-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.7	107	81-122
107-06-2	1,2-Dichloroethane	25	28.9	116	75-125
108-20-3	Di-Isopropyl Ether	25	27.0	108	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1320	106	55-126
64-17-5	Ethyl Alcohol	500	301	60	46-145
100-41-4	Ethylbenzene	25	26.3	105	81-121
637-92-3	Ethyl Tert Butyl Ether	25	25.3	101	71-120
1634-04-4	Methyl Tert Butyl Ether	25	26.7	107	72-117
91-20-3	Naphthalene	25	24.7	99	63-132
75-85-4	Tert-Amyl Alcohol	250	244	98	65-124
994-05-8	Tert-Amyl Methyl Ether	25	27.0	108	73-122
75-65-0	Tert-Butyl Alcohol	250	240	96	63-129
762-75-4	Tert-Butyl Formate	125	244	195*	46-130
108-88-3	Toluene	25	25.0	100	80-120
1330-20-7	Xylene (total)	75	78.9	105	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	114%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	100%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
VP2893-BS	P72919.D	1	07/20/20	SP	n/a	n/a	VP2893

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

FA76965-41, FA76965-43, FA76965-44, FA76965-45

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.5	106	81-122
107-06-2	1,2-Dichloroethane	25	23.5	94	75-125
108-20-3	Di-Isopropyl Ether	25	26.9	108	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1270	102	55-126
64-17-5	Ethyl Alcohol	500	433	87	46-145
100-41-4	Ethylbenzene	25	27.0	108	81-121
637-92-3	Ethyl Tert Butyl Ether	25	24.0	96	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.7	99	72-117
91-20-3	Naphthalene	25	19.9	80	63-132
75-85-4	Tert-Amyl Alcohol	250	233	93	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.1	96	73-122
75-65-0	Tert-Butyl Alcohol	250	242	97	63-129
762-75-4	Tert-Butyl Formate	125	98.0	78	46-130
108-88-3	Toluene	25	26.2	105	80-120
1330-20-7	Xylene (total)	75	78.3	104	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
VP2897-BS	P72976.D	1	07/22/20	SO	n/a	n/a	VP2897

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

FA76965-1, FA76965-13, FA76965-14, FA76965-16, FA76965-17, FA76965-19, FA76965-21

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	22.0	88	81-122
107-06-2	1,2-Dichloroethane	25	21.0	84	75-125
108-20-3	Di-Isopropyl Ether	25	22.5	90	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1080	86	55-126
64-17-5	Ethyl Alcohol	500	451	90	46-145
100-41-4	Ethylbenzene	25	22.2	89	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.9	84	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.7	99	72-117
91-20-3	Naphthalene	25	26.1	104	63-132
75-85-4	Tert-Amyl Alcohol	250	206	82	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.9	92	73-122
75-65-0	Tert-Butyl Alcohol	250	206	82	63-129
762-75-4	Tert-Butyl Formate	125	108	86	46-130
108-88-3	Toluene	25	21.4	86	80-120
1330-20-7	Xylene (total)	75	64.2	86	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	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	103%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
VP2898-BS	P73006.D	1	07/23/20	SO	n/a	n/a	VP2898

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

FA76965-11, FA76965-12, FA76965-20, FA76965-24, FA76965-26, FA76965-27, FA76965-28, FA76965-31, FA76965-33, FA76965-34, FA76965-35, FA76965-36, FA76965-37, FA76965-38, FA76965-39, FA76965-40

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	21.9	88	81-122
107-06-2	1,2-Dichloroethane	25	20.8	83	75-125
108-20-3	Di-Isopropyl Ether	25	22.5	90	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1090	87	55-126
64-17-5	Ethyl Alcohol	500	349	70	46-145
100-41-4	Ethylbenzene	25	21.6	86	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.6	82	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.8	99	72-117
91-20-3	Naphthalene	25	26.6	106	63-132
75-85-4	Tert-Amyl Alcohol	250	203	81	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.0	92	73-122
75-65-0	Tert-Butyl Alcohol	250	198	79	63-129
762-75-4	Tert-Butyl Formate	125	109	87	46-130
108-88-3	Toluene	25	20.9	84	80-120
1330-20-7	Xylene (total)	75	62.4	83	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
VP2899-BS	P73036.D	1	07/24/20	SO	n/a	n/a	VP2899

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

FA76965-29, FA76965-42, FA76965-45, FA76965-46, FA76965-47, FA76965-48, FA76965-49, FA76965-50, FA76965-51, FA76965-52, FA76965-53

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	23.3	93	81-122
107-06-2	1,2-Dichloroethane	25	22.3	89	75-125
108-20-3	Di-Isopropyl Ether	25	23.8	95	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1140	91	55-126
64-17-5	Ethyl Alcohol	500	389	78	46-145
100-41-4	Ethylbenzene	25	22.5	90	81-121
637-92-3	Ethyl Tert Butyl Ether	25	22.6	90	71-120
1634-04-4	Methyl Tert Butyl Ether	25	26.5	106	72-117
91-20-3	Naphthalene	25	25.9	104	63-132
75-85-4	Tert-Amyl Alcohol	250	210	84	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.6	98	73-122
75-65-0	Tert-Butyl Alcohol	250	206	82	63-129
762-75-4	Tert-Butyl Formate	125	117	94	46-130
108-88-3	Toluene	25	21.7	87	80-120
1330-20-7	Xylene (total)	75	64.9	87	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	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%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA76965
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
FA76965-21MS	P72885.D	100	07/19/20	SP	n/a	n/a	VP2892
FA76965-21MSD	P72886.D	100	07/19/20	SP	n/a	n/a	VP2892
FA76965-21	P72887.D	100	07/19/20	SP	n/a	n/a	VP2892

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

FA76965-22, FA76965-23, FA76965-25, FA76965-30, FA76965-32, FA76965-35

CAS No.	Compound	FA76965-21 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	3790		2500	6080	92	2500	6070	91	0	81-122/14
107-06-2	1,2-Dichloroethane	33.6	J	2500	2360	93	2500	2320	91	2	75-125/14
108-20-3	Di-Isopropyl Ether	ND		2500	2540	102	2500	2540	102	0	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	1490	J	125000	127000	100	125000	137000	108	8	55-126/17
64-17-5	Ethyl Alcohol	ND		50000	41300	83	50000	44400	89	7	46-145/30
100-41-4	Ethylbenzene	1930		2500	4420	100	2500	4410	99	0	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		2500	2350	94	2500	2350	94	0	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		2500	2620	105	2500	2640	106	1	72-117/14
91-20-3	Naphthalene	790		2500	3130	94	2500	3160	95	1	63-132/25
75-85-4	Tert-Amyl Alcohol	4940		25000	31100	105	25000	31300	105	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		2500	2550	102	2500	2520	101	1	73-122/13
75-65-0	Tert-Butyl Alcohol	558	J	25000	24900	97	25000	25400	99	2	63-129/27
762-75-4	Tert-Butyl Formate	ND		12500	10600	85	12500	11300	90	6	46-130/33
108-88-3	Toluene	883		2500	3270	95	2500	3260	95	0	80-120/14
1330-20-7	Xylene (total)	5600		7500	12600	93	7500	12700	95	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA76965-21	Limits
1868-53-7	Dibromofluoromethane	98%	99%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	100%	94%	79-125%
2037-26-5	Toluene-D8	99%	101%	104%	85-112%
460-00-4	4-Bromofluorobenzene	101%	103%	104%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA76965
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
FA76965-1MS	5E23942.D	250	07/20/20	SP	n/a	n/a	V5E1094
FA76965-1MSD	5E23943.D	250	07/20/20	SP	n/a	n/a	V5E1094
FA76965-1 [a]	5E23941.D	250	07/20/20	SP	n/a	n/a	V5E1094

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

FA76965-2, FA76965-3, FA76965-4, FA76965-5, FA76965-6, FA76965-7, FA76965-8, FA76965-9, FA76965-10, FA76965-15, FA76965-18

CAS No.	Compound	FA76965-1 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	17200		6250	15100	-34* [b]	6250	15100	-34* [b]	0	81-122/14
107-06-2	1,2-Dichloroethane	774		6250	8740	127*	6250	8420	122	4	75-125/14
108-20-3	Di-Isopropyl Ether	ND		6250	7380	118	6250	7250	116	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		313000	343000	110	313000	317000	101	8	55-126/17
64-17-5	Ethyl Alcohol	ND		125000	50500	40*	125000	67100	54	28	46-145/30
100-41-4	Ethylbenzene	1240		6250	8280	113	6250	8050	109	3	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		6250	6830	109	6250	6680	107	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	2280		6250	7360	81	6250	7270	80	1	72-117/14
91-20-3	Naphthalene	328	J	6250	6530	99	6250	6510	99	0	63-132/25
75-85-4	Tert-Amyl Alcohol	39400		62500	99100	96	62500	90500	82	9	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		6250	7020	112	6250	6870	110	2	73-122/13
75-65-0	Tert-Butyl Alcohol	48600		62500	67300	30*	62500	65500	27*	3	63-129/27
762-75-4	Tert-Butyl Formate	ND		31300	57500	184*	31300	56800	182*	1	46-130/33
108-88-3	Toluene	733		6250	11900	179*	6250	11800	177*	1	80-120/14
1330-20-7	Xylene (total)	5060		18800	28100	123	18800	26900	116	4	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA76965-1	Limits
1868-53-7	Dibromofluoromethane	105%	105%	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	129%* [c]	124%	131%* [c]	79-125%
2037-26-5	Toluene-D8	96%	97%	99%	85-112%
460-00-4	4-Bromofluorobenzene	98%	101%	104%	83-118%

(a) Sample used for QC purposes only.
(b) Outside control limits due to high level in sample relative to spike amount.
(c) Outside control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA76965
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
FA76963-1MS	P72942.D	200	07/20/20	SP	n/a	n/a	VP2893
FA76963-1MSD	P72943.D	200	07/20/20	SP	n/a	n/a	VP2893
FA76963-1	P72922.D	200	07/20/20	SP	n/a	n/a	VP2893

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

FA76965-41, FA76965-43, FA76965-44, FA76965-45

CAS No.	Compound	FA76963-1 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	79.2	J	5000	5790	114	5000	5720	113	1	81-122/14
107-06-2	1,2-Dichloroethane	ND		5000	4940	99	5000	4750	95	4	75-125/14
108-20-3	Di-Isopropyl Ether	ND		5000	5520	110	5000	5600	112	1	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		250000	286000	114	250000	245000	98	15	55-126/17
64-17-5	Ethyl Alcohol	ND		100000	109000	109	100000	102000	102	7	46-145/30
100-41-4	Ethylbenzene	93.3	J	5000	5780	114	5000	5760	113	0	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		5000	4870	97	5000	4750	95	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		5000	4900	98	5000	4870	97	1	72-117/14
91-20-3	Naphthalene	ND		5000	3710	74	5000	3440	69	8	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		50000	53500	107	50000	50400	101	6	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		5000	4820	96	5000	4750	95	1	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		50000	54200	108	50000	50600	101	7	63-129/27
762-75-4	Tert-Butyl Formate	ND		25000	19600	78	25000	18200	73	7	46-130/33
108-88-3	Toluene	437		5000	5990	111	5000	6010	111	0	80-120/14
1330-20-7	Xylene (total)	418	J	15000	16900	110	15000	16900	110	0	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA76963-1	Limits
1868-53-7	Dibromofluoromethane	99%	99%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	95%	93%	96%	79-125%
2037-26-5	Toluene-D8	101%	102%	104%	85-112%
460-00-4	4-Bromofluorobenzene	101%	102%	107%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA76965
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
FA76963-6MS	P73000.D	100	07/22/20	SO	n/a	n/a	VP2897
FA76963-6MSD	P73001.D	100	07/22/20	SO	n/a	n/a	VP2897
FA76963-6	P72986.D	100	07/22/20	SO	n/a	n/a	VP2897

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

FA76965-1, FA76965-13, FA76965-14, FA76965-16, FA76965-17, FA76965-19, FA76965-21

CAS No.	Compound	FA76963-6 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	185		2500	2670	99	2500	2500	93	7	81-122/14
107-06-2	1,2-Dichloroethane	ND		2500	2480	99	2500	2200	88	12	75-125/14
108-20-3	Di-Isopropyl Ether	ND		2500	2530	101	2500	2390	96	6	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		125000	113000	90	125000	109000	87	4	55-126/17
64-17-5	Ethyl Alcohol	ND		50000	42400	85	50000	39800	80	6	46-145/30
100-41-4	Ethylbenzene	578		2500	3100	101	2500	2860	91	8	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		2500	2350	94	2500	2200	88	7	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		2500	2840	114	2500	2620	105	8	72-117/14
91-20-3	Naphthalene	ND		2500	3010	120	2500	2880	115	4	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		25000	22900	92	25000	21800	87	5	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		2500	2600	104	2500	2440	98	6	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		25000	21100	84	25000	21000	84	0	63-129/27
762-75-4	Tert-Butyl Formate	ND		12500	11700	94	12500	11000	88	6	46-130/33
108-88-3	Toluene	4420		2500	6790	95	2500	6250	73*	8	80-120/14
1330-20-7	Xylene (total)	4720		7500	12200	100	7500	11200	86	9	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA76963-6	Limits
1868-53-7	Dibromofluoromethane	98%	100%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	109%	105%	105%	79-125%
2037-26-5	Toluene-D8	99%	99%	104%	85-112%
460-00-4	4-Bromofluorobenzene	100%	100%	102%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA76965
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
FA76963-6MS	P73030.D	50	07/23/20	SO	n/a	n/a	VP2898
FA76963-6MSD	P73031.D	50	07/23/20	SO	n/a	n/a	VP2898
FA76963-6	P73015.D	50	07/23/20	SO	n/a	n/a	VP2898

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

FA76965-11, FA76965-12, FA76965-20, FA76965-24, FA76965-26, FA76965-27, FA76965-28, FA76965-31, FA76965-33, FA76965-34, FA76965-35, FA76965-36, FA76965-37, FA76965-38, FA76965-39, FA76965-40

CAS No.	Compound	FA76963-6 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	209		1250	1530	106	1250	1400	95	9	81-122/14
107-06-2	1,2-Dichloroethane	ND		1250	1200	96	1250	1130	90	6	75-125/14
108-20-3	Di-Isopropyl Ether	ND		1250	1300	104	1250	1220	98	6	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		62500	63200	101	62500	56100	90	12	55-126/17
64-17-5	Ethyl Alcohol	ND		25000	21500	86	25000	20000	80	7	46-145/30
100-41-4	Ethylbenzene	652		1250	2010	109	1250	1840	95	9	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		1250	1210	97	1250	1130	90	7	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		1250	1430	114	1250	1360	109	5	72-117/14
91-20-3	Naphthalene	54.9	J	1250	1600	124	1250	1480	114	8	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		12500	12200	98	12500	10900	87	11	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		1250	1320	106	1250	1260	101	5	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		12500	11000	88	12500	10100	81	9	63-129/27
762-75-4	Tert-Butyl Formate	ND		6250	6270	100	6250	6000	96	4	46-130/33
108-88-3	Toluene	5050	E	1250	6610	125* [a]	1250	6040	79* [a]	9	80-120/14
1330-20-7	Xylene (total)	5340		3750	9500	111	3750	8730	90	8	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA76963-6	Limits
1868-53-7	Dibromofluoromethane	100%	100%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	100%	104%	79-125%
2037-26-5	Toluene-D8	98%	98%	102%	85-112%
460-00-4	4-Bromofluorobenzene	100%	100%	102%	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: FA76965
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
FA76965-49MS	P73060.D	200	07/24/20	SO	n/a	n/a	VP2899
FA76965-49MSD	P73061.D	200	07/24/20	SO	n/a	n/a	VP2899
FA76965-49	P73051.D	200	07/24/20	SO	n/a	n/a	VP2899

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

FA76965-29, FA76965-42, FA76965-45, FA76965-46, FA76965-47, FA76965-48, FA76965-49, FA76965-50, FA76965-51, FA76965-52, FA76965-53

CAS No.	Compound	FA76965-49 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	7860		5000	14600	135*	5000	13200	107	10	81-122/14
107-06-2	1,2-Dichloroethane	163	J	5000	5630	109	5000	5210	101	8	75-125/14
108-20-3	Di-Isopropyl Ether	ND		5000	5440	109	5000	5150	103	5	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		250000	267000	107	250000	236000	94	12	55-126/17
64-17-5	Ethyl Alcohol	ND		100000	85400	85	100000	78800	79	8	46-145/30
100-41-4	Ethylbenzene	588		5000	5920	107	5000	5350	95	10	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		5000	5140	103	5000	4880	98	5	71-120/14
1634-04-4	Methyl Tert Butyl Ether	172	J	5000	6260	122*	5000	5960	116	5	72-117/14
91-20-3	Naphthalene	386	J	5000	6610	124	5000	6250	117	6	63-132/25
75-85-4	Tert-Amyl Alcohol	11400		50000	66600	110	50000	62600	102	6	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		5000	5640	113	5000	5280	106	7	73-122/13
75-65-0	Tert-Butyl Alcohol	1190	J	50000	46700	91	50000	43900	85	6	63-129/27
762-75-4	Tert-Butyl Formate	ND		25000	24700	99	25000	23600	94	5	46-130/33
108-88-3	Toluene	11600		5000	17300	114	5000	15700	82	10	80-120/14
1330-20-7	Xylene (total)	6790		15000	23200	109	15000	21100	95	9	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA76965-49	Limits
1868-53-7	Dibromofluoromethane	99%	99%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	106%	103%	79-125%
2037-26-5	Toluene-D8	97%	98%	101%	85-112%
460-00-4	4-Bromofluorobenzene	100%	99%	105%	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: FA76965
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
OP81158-MB	DD1121386.D	1	07/20/20	KB	07/20/20	OP81158	GDD3247

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-1, FA76965-2, FA76965-3, FA76965-4, FA76965-5

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	88%	63-137%

Method Blank Summary

Job Number: FA76965
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
OP81159-MB	DD1121422.D	1	07/21/20	KB	07/21/20	OP81159	GDD3248

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-6, FA76965-7, FA76965-8, FA76965-9, FA76965-10, FA76965-11, FA76965-12, FA76965-13, FA76965-14, FA76965-15, FA76965-16, FA76965-17, FA76965-18, FA76965-19, FA76965-20, FA76965-21, FA76965-22, FA76965-23, FA76965-24, FA76965-25

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	89%	63-137%

Method Blank Summary

Job Number: FA76965
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
OP81160-MB	DD1121451.D	1	07/21/20	KB	07/21/20	OP81160	GDD3248

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-26, FA76965-27, FA76965-28, FA76965-29, FA76965-30, FA76965-31, FA76965-32, FA76965-33, FA76965-34, FA76965-35, FA76965-36, FA76965-37, FA76965-38, FA76965-39, FA76965-40, FA76965-41, FA76965-42, FA76965-43, FA76965-44, FA76965-45

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%

Method Blank Summary

Job Number: FA76965
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
OP81197-MB	DD1121502.D	1	07/23/20	CV	07/22/20	OP81197	GDD3249

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-46, FA76965-47, FA76965-48, FA76965-49, FA76965-50, FA76965-51, FA76965-52

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	91%	63-137%

Blank Spike Summary

Job Number: FA76965
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
OP81158-BS	DD1121384.D	1	07/20/20	KB	07/20/20	OP81158	GDD3247

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-1, FA76965-2, FA76965-3, FA76965-4, FA76965-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.22	88	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	91%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
OP81158-BS2	DD1121385.D	1	07/20/20	KB	07/20/20	OP81158	GDD3247

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-1, FA76965-2, FA76965-3, FA76965-4, FA76965-5

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.21	84	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	89%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
OP81159-BS	DD1121420.D	1	07/21/20	KB	07/21/20	OP81159	GDD3248

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-6, FA76965-7, FA76965-8, FA76965-9, FA76965-10, FA76965-11, FA76965-12, FA76965-13, FA76965-14, FA76965-15, FA76965-16, FA76965-17, FA76965-18, FA76965-19, FA76965-20, FA76965-21, FA76965-22, FA76965-23, FA76965-24, FA76965-25

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.21	84	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	92%	63-137%

* = Outside of Control Limits.

7.2.3

7

Blank Spike Summary

Job Number: FA76965
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
OP81159-BS2	DD1121421.D	1	07/21/20	KB	07/21/20	OP81159	GDD3248

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-6, FA76965-7, FA76965-8, FA76965-9, FA76965-10, FA76965-11, FA76965-12, FA76965-13, FA76965-14, FA76965-15, FA76965-16, FA76965-17, FA76965-18, FA76965-19, FA76965-20, FA76965-21, FA76965-22, FA76965-23, FA76965-24, FA76965-25

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.20	80	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	86%	63-137%

7.2.4

7

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
OP81160-BS	DD1121449.D	1	07/21/20	KB	07/21/20	OP81160	GDD3248

The QC reported here applies to the following samples: **Method: SW846 8011**

FA76965-26, FA76965-27, FA76965-28, FA76965-29, FA76965-30, FA76965-31, FA76965-32, FA76965-33, FA76965-34, FA76965-35, FA76965-36, FA76965-37, FA76965-38, FA76965-39, FA76965-40, FA76965-41, FA76965-42, FA76965-43, FA76965-44, FA76965-45

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	109%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
OP81160-BS2	DD1121450.D	1	07/21/20	KB	07/21/20	OP81160	GDD3248

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-26, FA76965-27, FA76965-28, FA76965-29, FA76965-30, FA76965-31, FA76965-32, FA76965-33, FA76965-34, FA76965-35, FA76965-36, FA76965-37, FA76965-38, FA76965-39, FA76965-40, FA76965-41, FA76965-42, FA76965-43, FA76965-44, FA76965-45

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.23	92	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	103%	63-137%

7.2.6

7

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA76965
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
OP81197-BS	DD1121501.D	1	07/23/20	CV	07/22/20	OP81197	GDD3249

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-46, FA76965-47, FA76965-48, FA76965-49, FA76965-50, FA76965-51, FA76965-52

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.22	88	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	94%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA76965
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
OP81158-MS	DD1121411.D	1	07/20/20	KB	07/20/20	OP81158	GDD3247
FA76963-1	DD1121387.D	1	07/20/20	KB	07/20/20	OP81158	GDD3247

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-1, FA76965-2, FA76965-3, FA76965-4, FA76965-5

CAS No.	Compound	FA76963-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.236	0.21	89	72-134

CAS No.	Surrogate Recoveries	MS	FA76963-1	Limits
460-00-4	4-Bromofluorobenzene	87%	79%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA76965
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
OP81159-MS	DD1121447.D	1	07/21/20	KB	07/21/20	OP81159	GDD3248
FA76965-6	DD1121423.D	1	07/21/20	KB	07/21/20	OP81159	GDD3248

The QC reported here applies to the following samples: **Method: SW846 8011**

FA76965-6, FA76965-7, FA76965-8, FA76965-9, FA76965-10, FA76965-11, FA76965-12, FA76965-13, FA76965-14, FA76965-15, FA76965-16, FA76965-17, FA76965-18, FA76965-19, FA76965-20, FA76965-21, FA76965-22, FA76965-23, FA76965-24, FA76965-25

CAS No.	Compound	FA76965-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	ND		0.235	0.20	85	72-134

CAS No.	Surrogate Recoveries	MS	FA76965-6	Limits
460-00-4	4-Bromofluorobenzene	95%	76%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA76965
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
OP81160-MS	DD1121499.D	10	07/23/20	CV	07/21/20	OP81160	GDD3249
FA76965-27 [a]	DD1121493.D	10	07/23/20	CV	07/21/20	OP81160	GDD3249

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-26, FA76965-27, FA76965-28, FA76965-29, FA76965-30, FA76965-31, FA76965-32, FA76965-33, FA76965-34, FA76965-35, FA76965-36, FA76965-37, FA76965-38, FA76965-39, FA76965-40, FA76965-41, FA76965-42, FA76965-43, FA76965-44, FA76965-45

CAS No.	Compound	FA76965-27 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	3.2		0.235	3.5	128	72-134

CAS No.	Surrogate Recoveries	MS	FA76965-27	Limits
460-00-4	4-Bromofluorobenzene	133%	114%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA76965
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
OP81197-MS	DD1121512.D	1	07/23/20	CV	07/22/20	OP81197	GDD3249
FA76965-46 [a]	DD1121503.D	1	07/23/20	CV	07/22/20	OP81197	GDD3249

The QC reported here applies to the following samples: **Method: SW846 8011**

FA76965-46, FA76965-47, FA76965-48, FA76965-49, FA76965-50, FA76965-51, FA76965-52

CAS No.	Compound	FA76965-46 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	0.11		0.236	0.20	38*	72-134

CAS No.	Surrogate Recoveries	MS	FA76965-46	Limits
460-00-4	4-Bromofluorobenzene	73%	80%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA76965
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
OP81158-DUP	DD1121412.D	1	07/20/20	KB	07/20/20	OP81158	GDD3247
FA76963-2	DD1121388.D	1	07/20/20	KB	07/20/20	OP81158	GDD3247

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-1, FA76965-2, FA76965-3, FA76965-4, FA76965-5

CAS No.	Compound	FA76963-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA76963-2	Limits
460-00-4	4-Bromofluorobenzene	72%	66%	63-137%

7.4.1

7

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA76965
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
OP81159-DUP	DD1121448.D	1	07/21/20	KB	07/21/20	OP81159	GDD3248
FA76965-7	DD1121424.D	1	07/21/20	KB	07/21/20	OP81159	GDD3248

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-6, FA76965-7, FA76965-8, FA76965-9, FA76965-10, FA76965-11, FA76965-12, FA76965-13, FA76965-14, FA76965-15, FA76965-16, FA76965-17, FA76965-18, FA76965-19, FA76965-20, FA76965-21, FA76965-22, FA76965-23, FA76965-24, FA76965-25

CAS No.	Compound	FA76965-7 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	ND		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA76965-7	Limits
460-00-4	4-Bromofluorobenzene	98%	74%	63-137%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA76965
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
OP81160-DUP	DD1121500.D	5	07/23/20	CV	07/21/20	OP81160	GDD3249
FA76965-34 [a]	DD1121498.D	5	07/23/20	CV	07/21/20	OP81160	GDD3249

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-26, FA76965-27, FA76965-28, FA76965-29, FA76965-30, FA76965-31, FA76965-32, FA76965-33, FA76965-34, FA76965-35, FA76965-36, FA76965-37, FA76965-38, FA76965-39, FA76965-40, FA76965-41, FA76965-42, FA76965-43, FA76965-44, FA76965-45

CAS No.	Compound	FA76965-34 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	1.1		1.2		9	28

CAS No.	Surrogate Recoveries	DUP	FA76965-34	Limits
460-00-4	4-Bromofluorobenzene	125%	119%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA76965
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
OP81197-DUP [a]	DD112551.D	100	07/24/20	KB	07/22/20	OP81197	GDD3250
FA76965-50 [a]	DD112550.D	100	07/24/20	KB	07/22/20	OP81197	GDD3250

The QC reported here applies to the following samples: Method: SW846 8011

FA76965-46, FA76965-47, FA76965-48, FA76965-49, FA76965-50, FA76965-51, FA76965-52

CAS No.	Compound	FA76965-50 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	61.4		84.6		32*	28

CAS No.	Surrogate Recoveries	DUP	FA76965-50	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.

APPENDIX B

Field Data Information Sheets

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 7/14/2020	Site ID #: 02275	Site Name: Carolina Country Convenience
County: Chesterfield	Project Manager: Amanda Feltz	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-1	35.34	25-35	—	12.52	—	— N	N	~~N~~ Cracked	N	N
MW-2	42.49	37-42	—	16.60	—	N	N	Cracked	2/3 bolts	N
MW-3	41.99	37-42	~~13.21~~	13.21	—	N	N	Y	N	Y
MW-4	41.93	37-42	—	14.65	—	N	N	Y	N	Y
MW-5	42.28	37-42	—	20.29	—	N	N	Y	N	Y
MW-6	34.74	30-35	—	3.78	—	N	N	Y	N	Y
MW-7	~~[illegible]~~ 33.71	25-30	~~[illegible]~~	~~[illegible]~~ 10.49	—	N	N	Stickup	N	N
MW-8	~~[illegible]~~ 30.08	25-30	~~[illegible]~~	~~[illegible]~~ 10.51	—	N	N	Y	Y	N
MW-9	32.91	25-30	—	13.79	—	N	N	Stickup	N	N
MW-10	35.82	30-35	—	14.48	—	N	N	Y	1 bolt	N
MW-11	NF	30-35	NF	NF	NF	NF	NF	NF	NF	NF
MW-12	35.73	30-35	—	~~13.84~~ 13.81	—	N	N	Cracked	2/3 bolts	Y
MW-13	35.19	30-35	—	12.81	—	N	N	Y	N	N

Notes: MW-11 covered by gravel possibly

Signature: [signature]

DHEC 0424 (10/2012)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 7/14/2020
Site ID #: 02275
Site Name: Carolina Country Convenience
County: Chesterfield
Project Manager: Amanda Feltz
Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-14	35.28	30-35	—	16.12	—	N	N	Y	1bolt	Y
MW-15	24.53	15-25	—	10.91	—	N	N	Cracked	N	Y
MW-16	33.71	15-25		10.49	—	N	N	Stick up	N	N
MW-17	25.48	15-25		6.28	—	N	N	Y	Y	N
MW-18	24.22	14-24		11.22	—	N	N	Y	Y	N
MW-19	29.76	15-30	—	13.52	—	N	N	Y	1bolt	N
MW-20	30.07	15-30	—	12.98	—	N	N	Y	N	N
MW-21	29.96	15-30	—	12.07	—	N	N	Cracked	1bolt	Y
MW-22	29.11	15-30	—	12.82	—	N	N	Y	N	N
MW-23	Destroyed	15-30	Destroyed	Destroyed	NF	NF	Y	—	—	—
MW-24	37.14	12-37	—	16.53	—	N	N	Y	1bolt	
MW-25	37.56	12-37	—	12.94	—	N	N	Y	1bolt	N
MW-26	36.81	12-37	—	14.63	—	N	N	Y	1bolt	N

Notes: MW-3 found torn apart

Signature: [signature]

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

DHEC 0424 (10/2012)

15.21

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 7/14/2020	Site ID #: 00275	Site Name: Carolina Country Convenience
County: Chesterfield	Project Manager: Amanda Feltz	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
MW-27	37.69	12-37	—	20.96	—	N	N	Cracked	1bolt	N
MW-28	29.99	15-30	—	16.44	—	N	N	Cracked	~~No~~ Y	N
MW-29	29.91	15-30	—	13.24	—	N	N	Cracked	1bolt	Y
MW-30	30.09	15-30	—	15.21	—	N	N	cracked	1bolt	Y
MW-31	29.64	15-30	—	14.33	—	N	N	Y	1bolt	N
MW-32	35.49	20-35	—	7.62	—	N	N	Y	Y	Y
MW-33	44.53	20-40	—	25.99	—	N	N	Stickup	N	N
MW-34	54.19	30-50	—	27.38	—	N	N	Stickup	N	N
MW-35	56.98	30-50	—	26.76	—	N	N	Y	Y	Y
MW-28I	56.31	51-56	—	16.03	—	N	N	Y	N	N
MW-29I	56.29	51-56	—	13.88	—	N	N	Y	Y	N
MW-30I	057.63	~~50~~51-56	—	15.56	—	N	N	cracked	#N	Y
MW-31I	56.89	51-56	—	13.16	—	N	N	Y	Y	N

Notes: _____

Signature: _____

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Monitoring Well Gauging

Site Information

Date: 7/14/2020	Site ID #: Q2275	Site Name: Carolina Country Convenience
County: Chesterfield	Project Manager: Amanda Foltz	Field Personnel: Matt Coskey, Sam Bowers, Kyle Pon

Well Gauging Information

Well ID:	Total Well Depth (ft.)	Screened Interval (ft.)	Depth to Free Product (ft.)	Depth to Ground water (ft.)	Free Product Thickness (ft.)	Confirmed with Bailer?	Photos Taken ?	Well Pad OK?	Bolts in Well Cover?	Water in Well Vault?
TW-1	~~60.36~~	51-56	~~—~~	~~11.31~~	—	N	N	Stickup	N	N
TW-2	~~58.89~~	51-56	~~—~~	~~10.72~~	—	N	N	Stickup	N	N
TW-3	56.48	51-56	—	14.14	—	N	N	Stick up	N	N
TW-4	60.87	56-61	—	16.28	—	N	N	Y	2/3 bolts	N
TW-5	57.33	56-61	—	13.09	—	N	N	Y	N	N
TW-6	67.36	63-68	—	21.24	—	N	N	Y	N	N
TW-7	56.83	51-56	—	13.32	—	N	N	Y	Y	N
TW-8	70.95	63-68	—	25.99	—	N	N	Stick up	N	N
TW-9	72.28	63-68	—	27.09	—	N	N	~~Y~~ Stick up	~~Y~~ N	~~Y~~ N
TW-10	67.54	63-68	—	30.29	—	N	N	Y	1bolt	Y

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___ Private WSW ___Public WSW	Screened Interval (ft.): 35 to 35		Total Well Depth (TWD) (ft.): 35.34
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 12.52		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 22.82	1 casing volume (CV=LWC*C)(gals): 3.5	3 casing volumes 3*CV)(gals): ~~7.25~~ 11.0	5 casing volumes (5*CV)(gals): ~~11.0~~

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.5	7.25	11.0				
Time (military)	1037	1044						
PH (s.u.)	5.93	5.89						
Specific Conductivity (µS/cm)	153.8	156.6						
Water Temperature (°C)	24.8	22.4						
Turbidity (NTU)	28.87	31.08						
Dissolved Oxygen (mg/L)	2.87	2.98						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1045	Duplicate: (Y) or N	If yes, Duplicate Time: 1200

Notes: Dry @ 3.5 gal.

Signature: [signature]

dhec

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Cloudy	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~[illegible]~~ MW-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW		Screened Interval (ft.): 37 to 42	Total Well Depth (TWD) (ft.): 42.49
Depth to Free Product (DFP) (ft.):		Depth to Groundwater (DGW) (ft.): 16.60	Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 25.89	1 casing volume (CV=LWC*C)(gals): 4.25	3 casing volumes 3*CV)(gals): 12.5	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	8.25	12.5				
Time (military)	1551	1600						
PH (s.u.)	~~[illegible]~~ 7.37	~~[illegible]~~ 7.29						
Specific Conductivity (µS/cm)	~~[illegible]~~ 136.4	139.8						
Water Temperature (°C)	23.1	22.7						
Turbidity (NTU)	29.88	26.90						
Dissolved Oxygen (mg/L)	3.06	3.14						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1601	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4.75 gal. Limited Volume

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: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 37 to 42	Total Well Depth (TWD) (ft.): 41.99	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 13.21	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 28.78	1 casing volume (CV=LWC*C)(gals): 4.5	3 casing volumes 3*CV)(gals): 13.75	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.5	9.25	13.75				
Time (military)	1440	1448						
PH (s.u.)	7.63	7.67						
Specific Conductivity (µS/cm)	67.9	64.8						
Water Temperature (°C)	22.1	22.0						
Turbidity (NTU)	5.07	8.11						
Dissolved Oxygen (mg/L)	5.22	5.34						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1449	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 5 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

dhec

Site Information

Date: 7/15/2020 | Site ID #: 02275 | Site Name: Carolina Country Convenience | Field Personnel: Matt Cackon, Sam Bowers, Kyle Perry

County: Chesterfield | Project Manager: Amanda Feltz | General Weather Conditions: Sunny w/ Clouds | Ambient Air Temp (°F): 90°-100°

Quality Assurance

	Serial #:	Calibration:			
Meter Name YSI Pro DSS	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C (Y) or N
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	(Y) or N			
YSI 55 (Dissolved Oxygen)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	
LaMotte (Turbidity)	19A101835				

Well Information

Well ID: ~~MW-~~4 | Well Diameter (ft.): 2" | Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652 | Method of Purging/Sample Collection: ✓ Bailer ___ Pump

✓ MW ___ IW ___ RW ___ Other ___ | Screened Interval (ft.): 37 to 42 | Total Well Depth (TWD) (ft.): 41.93

___ Private WSW ___ Public WSW | Free Product Thickness (ft.): —

Depth to Free Product (DFP) (ft.): — | Depth to Groundwater (DGW) (ft.): 14.65

Length of water column (LWC=TWD-DGW)(ft.): 27.28 | 1 casing volume (CV=LWC*C)(gals): 4.25 | 3 casing volumes 3*CV)(gals): 13.0 | 5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.25	~~13.0~~ 8.75	13.0				
Time (military)	1514	1521						
PH (s.u.)	6.72	6.76						
Specific Conductivity (µS/cm)	~~[illegible]~~ 420	~~23.8~~ 57.0						
Water Temperature (°C)	24.7	23.8						
Turbidity (NTU)	9.55	16.15						
Dissolved Oxygen (mg/L)	3.61	3.82						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P. | Sampling Time: 1522 | Duplicate: Y or (N) | If yes, Duplicate Time:

Notes: Dry @ 6 gal - Limited Volume | Signature:

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

DHEC 0423 (10/2015)

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-4~~ MW-5	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 37 to 42		Total Well Depth (TWD) (ft.): 42.28
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 20.29		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 21.99	1 casing volume (CV=LWC*C)(gals): 3.5	3 casing volumes 3*CV)(gals): 10.5	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	3.5	7.0	10.5				
Time (military)	1632	1641						
PH (s.u.)	7.38	7.34						
Specific Conductivity (µS/cm)	37.6	41.7						
Water Temperature (°C)	23.1	22.8						
Turbidity (NTU)	130.42	128.88						
Dissolved Oxygen (mg/L)	2.10	2.54						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1642	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 3.5 gal

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-5~~ MW-6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 34.74
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 3.78		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 30.96	1 casing volume (CV=LWC*C)(gals): 5.0	3 casing volumes 3*CV)(gals): 14.76	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	5.0	9.75	14.75				
Time (military)	0912	0919						
PH (s.u.)	6.49	6.71						
Specific Conductivity (µS/cm)	219.6	201.6						
Water Temperature (°C)	23.3	21.0						
Turbidity (NTU)	163.02	157.46						
Dissolved Oxygen (mg/L)	4.60	5.11						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: ~~1042~~ 0920	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 5 gal. ~~Limited Volume~~

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-6~~ MW-7	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 25 to 30	Total Well Depth (TWD) (ft.): 33.71	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 10.49	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 23.22	1 casing volume (CV=LWC*C)(gals): 3.75	3 casing volumes 3*CV)(gals): 11.25	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.75	7.5	11.25				
Time (military)	0706	0714						
PH (s.u.)	7.73	7.71						
Specific Conductivity (µS/cm)	97.1	98.3						
Water Temperature (°C)	23.9	23.1						
Turbidity (NTU)	22.48	13.94						
Dissolved Oxygen (mg/L)	3.96	4.15						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0715	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ~~Not found~~ Dry @ 4.5 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~ MW-6	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 25 to 30	Total Well Depth (TWD) (ft.): 30.08	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 10.51	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 19.57	1 casing volume (CV=LWC*C)(gals): 3.25	3 casing volumes 3*CV)(gals): 9.5	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	3.25	6.25	9.5				
Time (military)	0743	0751	0759					
PH (s.u.)	6.65	6.48	6.70					
Specific Conductivity (µS/cm)	95.1	94.3	97.7					
Water Temperature (°C)	23.4	22.1	21.0					
Turbidity (NTU)	183.49	167.28	238.84					
Dissolved Oxygen (mg/L)	3.98	3.92	4.03					

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0800	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ~~not found~~ Dry @ 8 gal. Limited Volume

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: Q2275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~ MW-9	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ Private WSW ___ Public WSW	Screened Interval (ft.): 25 to 30	Total Well Depth (TWD) (ft.): 32.91	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 13.79	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 19.12	1 casing volume (CV=LWC*C)(gals): 3.0	3 casing volumes 3*CV)(gals): 9.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.0	6.0	9.0				
Time (military)	1408	1413	1418	1423				
PH (s.u.)	7.56	7.61	7.74	7.82				
Specific Conductivity (µS/cm)	79.3	82.6	65.5	63.4				
Water Temperature (°C)	26.0	25.4	24.2	23.0				
Turbidity (NTU)	65.61	44.30	32.88	71.07				
Dissolved Oxygen (mg/L)	4.81	4.24	4.63	4.89				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1424	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-10	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 35.82
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 14.48		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 21.34	1 casing volume (CV=LWC*C)(gals): 3.9	3 casing volumes 3*CV)(gals): 10.25	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.5	~~10.25~~ 6.75	10.25				
Time (military)	0942							
PH (s.u.)	4.92							
Specific Conductivity (µS/cm)	231.4							
Water Temperature (°C)	23.4							
Turbidity (NTU)	78.53							
Dissolved Oxygen (mg/L)	2.09							

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0943	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 2 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: [redacted]MW-11	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.):
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.):		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: [redacted]	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: not found

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~-2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 35	Total Well Depth (TWD) (ft.): 35.73	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 13.81	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 21.92	1 casing volume (CV=LWC*C)(gals): 3.5	3 casing volumes 3*CV)(gals): 10.5	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	3.5	7.0	10.5				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1601	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 2 gal. Sheen/odor - NO parameters taken

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~ MW-13	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 35	Total Well Depth (TWD) (ft.): 35.19	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 12.81	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 22.38	1 casing volume (CV=LWC*C)(gals): 3.5	3 casing volumes 3*CV)(gals): 10.75	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.5	7.25	10.75				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1652	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 3.5 gal. Sheen/odor – no parameters taken.

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-5~~ MW-14	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 35		Total Well Depth (TWD) (ft.): 35.28
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 16.12		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 19.16	1 casing volume (CV=LWC*C)(gals): 3.0	3 casing volumes 3*CV)(gals): 9.25	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.0	6.25	9.25				
Time (military)	1242	1249						
PH (s.u.)	6.63	6.80						
Specific Conductivity (µS/cm)	94.1	95.2						
Water Temperature (°C)	23.1	20.0						
Turbidity (NTU)	92.24	90.91						
Dissolved Oxygen (mg/L)	2.83	2.75						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1250	Duplicate: (Y) or N	If yes, Duplicate Time: 1201

Notes: Dry @ 5gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~ MW-15	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 25		Total Well Depth (TWD) (ft.): 24.53
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 10.91		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 13.62	1 casing volume (CV=LWC*C)(gals): 2.25	3 casing volumes 3*CV)(gals): 6.5	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	2.25	4.25	6.5				
Time (military)	1055	1102						
PH (s.u.)	5.93	5.99						
Specific Conductivity (µS/cm)	158.7	153.9						
Water Temperature (°C)	23.9	22.3						
Turbidity (NTU)	28.93	~~83.05~~ 83.05						
Dissolved Oxygen (mg/L)	2.71	2.79						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1103	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 3.75 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-16	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 25		Total Well Depth (TWD) (ft.): 33.71
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 10.49		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 23.22	1 casing volume (CV=LWC*C)(gals): 3.75	3 casing volumes 3*CV)(gals): 11.25	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.75	7.5	11.25				
Time (military)	0723	0731						
PH (s.u.)	7.22	7.18						
Specific Conductivity (µS/cm)	76.9	76.7						
Water Temperature (°C)	23.7	20.5						
Turbidity (NTU)	37.22	34.30						
Dissolved Oxygen (mg/L)	4.52	4.62						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0732	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ~~Not found~~ Dry @ 4 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~MW-17	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 25		Total Well Depth (TWD) (ft.): 25.48
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 6.28		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 19.20	1 casing volume (CV=LWC*C)(gals): 3.0	3 casing volumes 3*CV)(gals): 9.25	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.0	6.25	9.25				
Time (military)	0807	0814						
PH (s.u.)	6.49	6.41						
Specific Conductivity (µS/cm)	94.9	95.6						
Water Temperature (°C)	23.4	21.2						
Turbidity (NTU)	285.71	253.32						
Dissolved Oxygen (mg/L)	3.91	3.94						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0815	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ~~Not found~~ Dry @ 4gal - Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-1B	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652		Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 14 to 24		Total Well Depth (TWD) (ft.): 24.22	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 11.22		Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 13.00	1 casing volume (CV=LWC*C)(gals): 2.0	3 casing volumes 3*CV)(gals): ~~4.25~~ 6.25	5 casing volumes (5*CV)(gals):	

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.0	4.25	6.25				
Time (military)	0833	0840	0846					
PH (s.u.)	6.73	6.69	6.72					
Specific Conductivity (µS/cm)	41.2	34.1	33.9					
Water Temperature (°C)	23.3	21.0	20.2					
Turbidity (NTU)	109.03	146.74	142.59					
Dissolved Oxygen (mg/L)	2.34	2.08	1.98					

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0847	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ~~Not found~~ Dry @ 5gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~-19	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.76	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 13.52	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 16.18	1 casing volume (CV=LWC*C)(gals): 2.5	3 casing volumes 3*CV)(gals): 7.75	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.5	5.25	7.75				
Time (military)	0928	0934						
PH (s.u.)	6.10	6.03						
Specific Conductivity (µS/cm)	397.3	389.9						
Water Temperature (°C)	22.1	20.9						
Turbidity (NTU)	171.38	168.47						
Dissolved Oxygen (mg/L)	3.47	3.61						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0935	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4.75 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name: YSI pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-20~~ MW-20	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 30.87	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 12.98	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 17.09	1 casing volume (CV=LWC*C)(gals): 2.75	3 casing volumes 3*CV)(gals): 8.25	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.75	5.5	8.25				
Time (military)	1113	1118						
PH (s.u.)	5.87	5.83						
Specific Conductivity (µS/cm)	181.1	187.9						
Water Temperature (°C)	23.5	22.3						
Turbidity (NTU)	45.60	40.89						
Dissolved Oxygen (mg/L)	2.78	2.54						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1119	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 5gal. Limited Volume.

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name: YSI pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-21	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.96	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 12.07	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 17.89	1 casing volume (CV=LWC*C)(gals): 2.75	3 casing volumes 3*CV)(gals): 8.5	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	2.75	5.75	8.5				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1535	Duplicate: (Y) or N	If yes, Duplicate Time: 1202

Notes: Dry @ 4.25 gal. Sheen/odor - no parameters taken

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: Q2275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~ MW-22	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.11	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 12.82	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 16.29	1 casing volume (CV=LWC*C)(gals): 2.5	3 casing volumes 3*CV)(gals): 7.75	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.5	5.25	7.75				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1704	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Sheen, no parameters

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~ MW-33	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.):	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.):	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.):	1 casing volume (CV=LWC*C)(gals):	3 casing volumes 3*CV)(gals):	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25							
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time:	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Vest royal

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~-24	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 12 to 37		Total Well Depth (TWD) (ft.): 37.14
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.): 20.61	1 casing volume (CV=LWC*C)(gals): 3.5	3 casing volumes 3*CV)(gals): 10.5	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	3.5	7.0	10.5				
Time (military)	1546	1544						
PH (s.u.)	5.62	5.59						
Specific Conductivity (µS/cm)	75.9	77.7						
Water Temperature (°C)	23.0	22.7						
Turbidity (NTU)	180.98	152.46						
Dissolved Oxygen (mg/L)	5.19	5.30						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1545	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4gal - Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~ MW-25	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 12 to 37	Total Well Depth (TWD) (ft.): 37.56	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 12.94	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 24.62	1 casing volume (CV=LWC*C)(gals): 4.0	3 casing volumes 3*CV)(gals): 12.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.0	8.0	12.0				
Time (military)	1453	1502						
PH (s.u.)	5.56	5.60						
Specific Conductivity (µS/cm)	44.5	49.1						
Water Temperature (°C)	22.2	22.1						
Turbidity (NTU)	217.44	194.61						
Dissolved Oxygen (mg/L)	4.95	5.02						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1503	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 5 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C. (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~-26	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 12 to 37		Total Well Depth (TWD) (ft.): 36.81
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 14.63		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 22.18	1 casing volume (CV=LWC*C)(gals): 3.5	3 casing volumes 3*CV)(gals): 10.5	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	3.5	7.0	10.5				
Time (military)	1615	1623						
PH (s.u.)	7.41	7.23						
Specific Conductivity (µS/cm)	70.70	76.3						
Water Temperature (°C)	23.4	21.0						
Turbidity (NTU)	53.38	45.89						
Dissolved Oxygen (mg/L)	4.77	4.56						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1624	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4.25 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~ MW-27	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 12 to 37	Total Well Depth (TWD) (ft.): 37.69	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 20.96	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 16.73	1 casing volume (CV=LWC*C)(gals): 2.5	3 casing volumes 3*CV)(gals): 7.5	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	2.5	5.0	7.5				
Time (military)	1652	1702						
PH (s.u.)	6.65	6.55						
Specific Conductivity (µS/cm)	45.9	46.3						
Water Temperature (°C)	24.8	22.8						
Turbidity (NTU)	255.67	241.12						
Dissolved Oxygen (mg/L)	4.90	5.08						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1703	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 3.75 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-2S	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30		Total Well Depth (TWD) (ft.): 29.99
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 16.44		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 13.55	1 casing volume (CV=LWC*C)(gals): 2.0	3 casing volumes 3*CV)(gals): 6.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	2.0	4.0	6.0				
Time (military)	1156	1203						
PH (s.u.)	5.79	6.94						
Specific Conductivity (µS/cm)	57.2	48.1						
Water Temperature (°C)	23.2	20.5						
Turbidity (NTU)	133.58	72.95						
Dissolved Oxygen (mg/L)	2.62	3.31						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1204	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 3.5 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~MW-29	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 30		Total Well Depth (TWD) (ft.): 29.91
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 13.24		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 16.67	1 casing volume (CV=LWC*C)(gals): 2.5	3 casing volumes 3*CV)(gals): 7.5	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	2.5	5.0	7.5				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1148	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Sheen/odor - no parameters taken.

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~ MW-30	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 15 to 30		Total Well Depth (TWD) (ft.): 30.09
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 15.21		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 14.88	1 casing volume (CV=LWC*C)(gals): 2.5	3 casing volumes 3*CV)(gals): 7.5	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	2.5	5.0	7.5				
Time (military)	1444	1451						
PH (s.u.)	5.72	5.84						
Specific Conductivity (µS/cm)	239.6	243.9						
Water Temperature (°C)	22.6	21.6						
Turbidity (NTU)	394.78	368.84						
Dissolved Oxygen (mg/L)	2.81	2.16						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1452	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4.75 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-31	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___ ___Private WSW ___Public WSW	Screened Interval (ft.): 15 to 30	Total Well Depth (TWD) (ft.): 29.64	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 14.33	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 15.31	1 casing volume (CV=LWC*C)(gals): 2.5	3 casing volumes 3*CV)(gals): 7.5	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	2.5	5.0	7.5				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1640	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 3.5 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Cardina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-37~~ MW-37	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 20 to 35		Total Well Depth (TWD) (ft.): 35.49
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 7.62		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 27.87	1 casing volume (CV=LWC*C)(gals): 4.5	3 casing volumes 3*CV)(gals): 13.5	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	4.5	9.0	13.5				
Time (military)	1026	1029						
PH (s.u.)	6.63	7.09						
Specific Conductivity (µS/cm)	78.5	77.4						
Water Temperature (°C)	23.0	22.2						
Turbidity (NTU)	122.08	128.53						
Dissolved Oxygen (mg/L)	3.55	3.79						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1030	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4.5 gal.

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Cloudy	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~ MW-33	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 20 to 40	Total Well Depth (TWD) (ft.): 44.53	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 25.99	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 18.54	1 casing volume (CV=LWC*C)(gals): 3.0	3 casing volumes 3*CV)(gals): 9.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	3.0	6.0	9.0				
Time (military)	1300	1306						
PH (s.u.)	6.59	6.48						
Specific Conductivity (µS/cm)	171.5	~~21.2~~ 180.9						
Water Temperature (°C)	23.1	21.2						
Turbidity (NTU)	214.32	184.84						
Dissolved Oxygen (mg/L)	2.88	3.02						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1307	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 4 gal. Limited Volume.

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-34	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 50		Total Well Depth (TWD) (ft.): 54.19
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 27.38		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 26.81	1 casing volume (CV=LWC*C)(gals): 4.5	3 casing volumes 3*CV)(gals): 13.5	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	4.5	9.0	13.5				
Time (military)	0931	0940	0950					
PH (s.u.)	5.98	6.03	6.10					
Specific Conductivity (µS/cm)	103.4	110.1	114.2					
Water Temperature (°C)	22.0	20.8	20.5					
Turbidity (NTU)	299.09	264.72	316.84					
Dissolved Oxygen (mg/L)	3.69	3.78	3.84					

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0951	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 12 gal. Limited Volume.

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~-35	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 30 to 50	Total Well Depth (TWD) (ft.): 50.98	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 26.76	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 24.22	1 casing volume (CV=LWC*C)(gals): 4.0	3 casing volumes 3*CV)(gals): 12.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	4.0	8.0	12.0				
Time (military)	0857	0904						
PH (s.u.)	5.85	5.72						
Specific Conductivity (µS/cm)	104.3	103.9						
Water Temperature (°C)	22.8	20.5						
Turbidity (NTU)	697.85	688.73						
Dissolved Oxygen (mg/L)	2.62	2.58						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0905	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 6 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~ 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: ✓ Bailer ___ Pump
___MW ___IW ___RW ___Other ___ ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56	Total Well Depth (TWD) (ft.): 56.31	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 16.03	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 40.28	1 casing volume (CV=LWC*C)(gals): 6.5	3 casing volumes 3*CV)(gals): 19.5	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	6.5	13.0	19.5				
Time (military)	1154	1203						
PH (s.u.)	4.49	4.58						
Specific Conductivity (µS/cm)	282.2	273.4						
Water Temperature (°C)	23.6	21.9						
Turbidity (NTU)	73.68	68.59						
Dissolved Oxygen (mg/L)	4.16	4.30						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1204	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 7.5 gal. Limited Volume.

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-1~~ MW-24I	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other___ ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56	Total Well Depth (TWD) (ft.): 56.29	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 13.88	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 42.41	1 casing volume (CV=LWC*C)(gals): 6.5	3 casing volumes 3*CV)(gals): 19.5	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	6.5	13.0	19.5				
Time (military)								
PH (s.u.)								
Specific Conductivity (µS/cm)								
Water Temperature (°C)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1135	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ~~Dry @ 7.5 gal - Limited Volume~~ Sheen/odor - no parameters taken.

Signature: [signature]

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Cloudy	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-30~~ 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: ✓ Bailer ___ Pump
✓ MW ___ IW ___ RW ___ Other ___ ___ Private WSW ___ Public WSW	Screened Interval (ft.): 51 to 56	Total Well Depth (TWD) (ft.): 57.63	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 15.56	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 42.07	1 casing volume (CV=LWC*C)(gals): 6.5	3 casing volumes 3*CV)(gals): 19.5	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	6.5	13.0	19.5				
Time (military)	1505	1515						
PH (s.u.)	6.55	6.85						
Specific Conductivity (µS/cm)	239.9	248.5						
Water Temperature (°C)	22.8	21.5						
Turbidity (NTU)	291.14	244.02						
Dissolved Oxygen (mg/L)	2.32	2.46						

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1516	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 7.5 gal. Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-3~~ 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: ✓Bailer ___Pump
✓MW ___IW ___RW ___Other ___ ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56	Total Well Depth (TWD) (ft.): 56.89	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 13.16	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 43.73	1 casing volume (CV=LWC*C)(gals): 7.0	3 casing volumes 3*CV)(gals): 21.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.0	14.0	21.0				
Time (military)	1621							
PH (s.u.)	6.42							
Specific Conductivity (µS/cm)	139.7							
Water Temperature (°C)	23.2							
Turbidity (NTU)	145.26							
Dissolved Oxygen (mg/L)	1.45							

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1622	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: Dry @ 5 gal Limited Volume

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name: YSI pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~Asst~~ TW-1	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ✓Other Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56	Total Well Depth (TWD) (ft.): 60.36	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 11.31	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 49.05	1 casing volume (CV=LWC*C)(gals): 8.0	3 casing volumes 3*CV)(gals): 24.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	8.0	16.0	24.0				
Time (military)	0713	0725	0736	0748				
PH (s.u.)	7.43	7.21	7.04	6.99				
Specific Conductivity (µS/cm)	93.6	96.0	94.3	94.9				
Water Temperature (°C)	23.5	22.6	20.9	20.8				
Turbidity (NTU)	31.48	16.59	19.55	18.61				
Dissolved Oxygen (mg/L)	3.97	5.03	4.96	4.75				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0749	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: not found

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~TW1~~ TW2	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
~~MW~~ ___IW ___RW ✓ Other Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 58.89
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 10.72		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 48.17	1 casing volume (CV=LWC*C)(gals): 7.75	3 casing volumes 3*CV)(gals): 23.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.75	15.5	23.0				
Time (military)	0809	0819	0820	0830				
PH (s.u.)	7.23	7.40	7.38	7.44				
Specific Conductivity (µS/cm)	60.9	61.3	58.5	54.3				
Water Temperature (°C)	23.7	22.0	20.5	20.3				
Turbidity (NTU)	48.19	46.70	38.69	35.48				
Dissolved Oxygen (mg/L)	3.88	4.04	3.97	4.19				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0831	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: ~~not found~~

Signature:

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Cloudy	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~[redacted]~~ TW-3	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ✓Other Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56	Total Well Depth (TWD) (ft.): 56.48	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 14.14	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 42.34	1 casing volume (CV=LWC*C)(gals): 6.5	3 casing volumes 3*CV)(gals): 19.5	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	6.5	13.0	19.5				
Time (military)	1323	1339	1352	1405				
PH (s.u.)	7.23	7.30	7.35	7.18				
Specific Conductivity (µS/cm)	78.6	80.9	76.8	75.4				
Water Temperature (°C)	25.3	24.3	23.0	22.1				
Turbidity (NTU)	41.40	38.76	19.47	11.14				
Dissolved Oxygen (mg/L)	3.89	4.01	4.09	4.12				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1406	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C.: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~TW1~~ TW4	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ✓Other Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 56 to 61		Total Well Depth (TWD) (ft.): 60.87
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 16.28		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 44.59	1 casing volume (CV=LWC*C)(gals): 7.0	3 casing volumes 3*CV)(gals): 21.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.0	14.0	21.0				
Time (military)	1303	1315	1327	1339				
PH (s.u.)	6.48	6.50	7.27	7.31				
Specific Conductivity (µS/cm)	180.7	151.8	146.9	170.5				
Water Temperature (°C)	23.5	22.2	21.2	20.9				
Turbidity (NTU)	207.77	216.45	184.44	157.01				
Dissolved Oxygen (mg/L)	2.83	2.45	4.19	3.52				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1340	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW-~~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: ✓ Bailer ___ Pump
___MW ___IW ___RW ___Private WSW ___Public WSW ✓ Other ~~5 & 6~~ Telescoping	Screened Interval (ft.): 56 to 61		Total Well Depth (TWD) (ft.): 57.33
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 13.09		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 44.24	1 casing volume (CV=LWC*C)(gals): 7.0	3 casing volumes 3*CV)(gals): 21.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.0	14.0	21.0				
Time (military)	1349	1400	1410	1420				
PH (s.u.)	6.15	6.59	6.34	6.88				
Specific Conductivity (µS/cm)	220.81	212.69	213.22	227.1				
Water Temperature (°C)	23.6	23.0	22.9	21.5				
Turbidity (NTU)	204.51	270.81	268.74	206.50				
Dissolved Oxygen (mg/L)	3.37	3.73	3.53	3.20				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1421	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Felts	General Weather Conditions: Sunny w/ Clouds	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~ 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: ✓ Bailer ___ Pump
___MW ___IW ___RW ___Private WSW ___Public WSW ✓Other telescoping	Screened Interval (ft.): 63 to 66		Total Well Depth (TWD) (ft.): 67.36
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 21.24		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 46.12	1 casing volume (CV=LWC*C)(gals): 7.5	3 casing volumes 3*CV)(gals): 22.5	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.5	15.0	22.5				
Time (military)	1708	1714	1726	1738				
PH (s.u.)	6.59	6.55	6.70	6.72				
~~Specific Conductivity (uS/cm)~~ temp.	23.9	23.5	22.6	22.0				
~~Water Temperature (°C)~~ Conductivity	43.5	54.7	48.9	51.0				
Turbidity (NTU)	41.48	51.60	33.81	40.07				
Dissolved Oxygen (mg/L)	4.04	4.12	4.18	4.08				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1739	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~ TW-7	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ✓ Other Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 51 to 56		Total Well Depth (TWD) (ft.): 56.83
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 13.32		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 43.51	1 casing volume (CV=LWC*C)(gals): 7.0	3 casing volumes 3*CV)(gals): 21.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.0	14.0	21.0				
Time (military)	0825	0836	0846	0857				
PH (s.u.)	7.03	7.39	7.27	7.41				
~~Specific Conductivity (mS/cm)~~ Temp	23.4	22.1	21.8	21.2				
~~Water Temperature (°C)~~ Conductivity	111.4	106.0	110.7	109.8				
Turbidity (NTU)	149.50	120.91	108.39	112.44				
Dissolved Oxygen (mg/L)	4.92	5.08	5.18	5.36				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 0858	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: [redacted]TW-8	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ✓Other Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 63 to 68	Total Well Depth (TWD) (ft.): 70.95	
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 25.99	Free Product Thickness (ft.):	
Length of water column (LWC=TWD-DGW)(ft.): 44.96	1 casing volume (CV=LWC*C)(gals): 7.0	3 casing volumes 3*CV)(gals): 21.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.0	14.0	21.0				
Time (military)	1203	1213	1225	1237				
PH (s.u.)	6.56	6.63	6.94	6.92				
Specific Conductivity (µS/cm)	186.5	169.9	178.5	187.3				
Water Temperature (°C)	23.7	22.9	22.8	21.8				
Turbidity (NTU)	130.91	136.54	141.27	129.57				
Dissolved Oxygen (mg/L)	3.97	4.00	3.82	3.76				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1238	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/16/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/ Cloudy	Ambient Air Temp (°F): 90°-100°

Quality Assurance

Meter Name: YSI Pro DSS	Serial #: 19A101835	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0: (Y) or N	pH 10.0: (Y) or N	S.C: (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~[redacted]~~ TW-9	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ✓Other Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 63 to 68		Total Well Depth (TWD) (ft.): 72.28
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 27.09		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 45.19	1 casing volume (CV=LWC*C)(gals): 7.0	3 casing volumes 3*CV)(gals): 21.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	7.0	14.0	21.0				
Time (military)	0928	0939	0949	0959				
PH (s.u.)	6.63	6.59	6.79	6.82				
Specific Conductivity (µS/cm)	72.8	68.6	69.9	76.4				
Water Temperature (°C)	23.0	21.9	21.0	20.8				
Turbidity (NTU)	39.86	38.61	43.92	35.63				
Dissolved Oxygen (mg/L)	6.06	5.97	6.13	6.19				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1000	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

Underground Storage Tank Management Division
Field Data Information Sheet – Sampling

Site Information

Date: 7/15/2020	Site ID #: 02275	Site Name: Carolina Country Convenience	Field Personnel: Matt Caskey, Sam Bowers, Kyle Perry
County: Chesterfield	Project Manager: Amanda Feltz	General Weather Conditions: Sunny w/Clouds	Ambient Air Temp (°F): 90°–100°

Quality Assurance

Meter Name YSI Pro DSS	Serial #: 19A101836	Calibration:			
YSI 63 (pH, Specific Conductivity, Temperature)	19A101835	pH 4.0: (Y) or N	pH 7.0 (Y) or N	pH 10.0 (Y) or N	S.C (Y) or N
YSI 55 (Dissolved Oxygen)	19A101835	(Y) or N			
LaMotte (Turbidity)	19A101835	0.0 NTU: (Y) or N	1.0 NTU: Y or (N)	10.0 NTU: (Y) or N	

Well Information

Well ID: ~~MW~~ TW-10	Well Diameter (ft.): 2"	Conversion Factor (C): 1" well = 0.047, 2" well = 0.16, 4" well = 0.652	Method of Purging/Sample Collection: ✓ Bailer ___ Pump
___MW ___IW ___RW ✓Other Telescoping ___Private WSW ___Public WSW	Screened Interval (ft.): 63 to 68		Total Well Depth (TWD) (ft.): 67.54
Depth to Free Product (DFP) (ft.):	Depth to Groundwater (DGW) (ft.): 30.29		Free Product Thickness (ft.):
Length of water column (LWC=TWD-DGW)(ft.): 37.25	1 casing volume (CV=LWC*C)(gals): 6.0	3 casing volumes 3*CV)(gals): 18.0	5 casing volumes (5*CV)(gals):

Purging Data

	Initial	1st Vol.	2nd Vol.	3rd Vol.	4th Vol.	5th Vol.	Post	Sampling
Volume Purged (gallons)	0.25	6.0	12.0	18.0				
Time (military)	1300	1310	1320	1330				
PH (s.u.)	7.17	7.20	7.22	7.18				
Specific Conductivity (µS/cm)	77.3	80.8	76.8	76.5				
Water Temperature (°C)	24.8	23.5	22.7	22.1				
Turbidity (NTU)	42.34	30.11	37.44	19.80				
Dissolved Oxygen (mg/L)	4.01	3.99	4.12	4.06				

Sampling Data

Sampled By: Matt C., Sam B., Kyle P.	Sampling Time: 1332	Duplicate: Y or (N)	If yes, Duplicate Time:

Notes: _____

Signature: _____

APPENDIX C

Purge Water Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No.: W-201049-W-1

2. Page 1 of

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**		DM	143.50	**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

W-201049-W-1

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: Scott Ball GRT — Signature — Date: Month 8 Day 20 Year 20

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott Ball GRT — Signature — Date: Month 8 Day 20 Year 20

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: James NATALE — Signature — Date: Month 8 Day 21 Year 20

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: Juan Ca — Signature — Date: Month 8 Day 21 Year 20

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.

dhec
Healthy People. Healthy Communities.



OCT 2 8 2020

CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

Re: **Aggressive Fluid and Vapor Recovery Notice to Proceed**
Carolina Country Convenience, 1908 Hwy 601 N, Pageland, SC
UST Permit #02261; CA #62526
Release reported October 11, 2012
Monitoring Report received September 1, 2020
Chesterfield County

To Whom It May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the above referenced report which documents free-phase product (FPP) or Chemicals of Concern (CoC) in the subsurface as a result of the above referenced release.

In accordance with Section 280.64 of the South Carolina Underground Storage Tank Control Regulations R.61-92, an Aggressive Fluid and Vapor Recovery (AFVR) event may proceed immediately upon receipt of this letter as outlined in this directive and the current revision of the UST Quality Assurance Program Plan (QAPP). One 96-hour event utilizing monitoring wells MW-21 and RW-1 should be performed. The stingers shall be lowered at six inch intervals starting at the water table interface to a target depth of 29 feet in the wells. **Please be aware that the AFVR Procedures have been updated.** Please advance to the target depth(s) within the first eight (8) hours of the event. Thereafter, the stinger(s) should be adjusted to achieve the highest vapor recovery while maintaining dewatering of the smear zone. Off-gas treatment will be necessary. A copy of the current revision of the UST Division's QAPP is available at https://scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

As soon as the beginning date of the event has been scheduled, please contact the Project Manager listed below.

The AFVR Report should be submitted within 90 days from the date of this correspondence. 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.

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 is obtained from the UST Management Division. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be preapproved 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 the QAPP. If CoC concentrations, based on laboratory analysis, are below Risk Based Screening Levels, 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 concerning this site, please reference UST Permit #02261. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-2446 or by e-mail at feltzal@dhec.sc.gov.

Sincerely,

Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

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

Approved Cost Agreement 62526

Facility: 02261 CAROLINA COUNTRY CONVENIENCE

FELTZAL

PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
S REPORT PROJECT MANAGEMENT						
		S	REPORT PREP & PROJ. MANAGEMENT	0.1200	$24,276.380	2,913.17
W AFVR						
		14	AFVR SITE RECONNAISSANCE	1.0000	$216.870	216.87
		16	AFVR EFFLUENT DISPOSAL	20,000.0000	$0.470	9,400.00
		17	AFVR MOB - DEMOB	1.0000	$417.730	417.73
		4	96 HOUR EVENT	1.0000	$13,409.520	13,409.52
		8	OFF GAS TREATMENT 96 HOUR	1.0000	$832.260	832.26
				Total Amount		27,189.55

dhec
Healthy People. Healthy Communities.



CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND, SC 29728

NOV 25 2020

Re: Tank Owner Information

To Whom It May Concern:

The South Carolina Department Health and Environmental Control (DHEC) Underground Storage Tank (UST) Management Division (Division) is enhancing its efforts to accurately update our agency database with correct information in regards to the tank owner and identified agents. The Division is preparing for the transition to our new ePermitting database system in the foreseeable future. This updated information will allow the Division to provide consistency in communication with the tank owner and authorized agents via telephone, email, or postal service when necessary. For your convenience if there is any information that is incorrect, either on this form or in the DHEC UST registry on our webpage (*https://apps.dhec.sc.gov/Environment/USTRegistry*), please provide the correct information.

Please return the enclosed form no later than 30 days from receipt of this letter. If you have any questions or need additional time to submit the form, please contact me at ariailrd@dhec.sc.gov or (803) 898-9418. You can also contact the Division at (803) 898–2254 or (803) 898-0589.

Sincerely,

Ryan D. Ariail, Customer Service Liaison
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Cc: Technical File

Enc: Tank Owner Information Form (D-4075)

dhec
SC Department of Health and Environmental Control

Underground Storage Tank Management Division
Tank Owner Information Form

Facility Name: CAROLINA COUNTRY CONVENIENCE	Permit ID: 02261	Release Date(s): 10/11/12 (Release 2)
Facility Address: 1908 HWY 601 N		
City: PAGELAND	South Carolina	Zip Code: 29728
Tank Owner Name: CAROLINA COUNTRY LLC		
Mailing Address: 1908 HWY 601 N		
City: PAGELAND	State: SC	Zip Code: 29728
Name of Tank Owner (or Authorized Agent if Owner is a Business Entity) (print):		
Signature:		Date:

If you are a sole proprietor as the tank owner and choose to not to have any agents, please initial _____, identifying you are the only person authorized to sign invoices and/or select a certified site rehabilitation contractor for the referenced release(s).

I certify that the agents identified below are **authorized to select a certified site rehabilitation contractor and/or sign invoices** on behalf of the tank owner for compensation from SUPERB Account for site rehabilitation activities conducted under the UST release(s) referenced above; print name, affiliation with tank owner, and signature (non-black ink). _____ (tank owner initial)

	Authorized to sign invoices on behalf of the tank owner	Authorized to select a certified site rehabilitation contractor
Name: Affiliation: Signature: Date:	Yes☐ No ☐	Yes☐ No ☐
Name: Affiliation: Signature: Date:	Yes☐ No ☐	Yes☐ No ☐
Name: Affiliation: Signature: Date:	Yes☐ No ☐	Yes☐ No ☐
Name: Affiliation: Signature: Date:	Yes☐ No ☐	Yes☐ No ☐

Geological Resources, Inc.





December 31, 2020

Amanda Feltz, Hydrogeologist
Corrective Action Section
UST Management Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Re: AFVR Report
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
UST Permit #02261
Cost Agreement #62526
GRI Project No. 3289

Dear Ms. Feltz:

The purpose of this report is to present the results of aggressive fluid and vapor recovery (AFVR) activities conducted in November 2020 at the above referenced site (**Figure 1**). The activities were conducted in accordance with the requirements outlined in correspondence from the SCDHEC dated October 28, 2020. The purpose of the activities was to conduct a 96-hour AFVR event on monitoring well MW-21 and recovery well RW-1. The following Figures, Tables and Appendices have been included:

Figure 1:	Site Location Map
Figure 2:	Site Vicinity Map
Figure 3:	Site Map
Table 1:	AFVR Event Chronology (11/16/2020 – 11/18/2020)
Table 2 :	Summary of AFVR Event Gauging Data (11/16/2020 – 11/18/2020)
Appendix A:	AFVR Report, Calculations, Disposal Manifests/Stick Readings, Tank Charts, Photographs

On November 16, 2020, the AFVR contractor, Hazmat Emergency Response and Remediation, Inc. (HERR), arrived on-site to conduct a 96-hour AFVR event. The AFVR event was to be conducted on monitoring well MW-21 and recovery well RW-1. However, upon arrival recovery well RW-1 could not be located because the site had been recently paved, so only MW-21 was used. General weather

conditions were overcast with an ambient air temperature of approximately 48°F at the time of system start-up. Prior to system startup, no free product was detected in monitoring well MW-21. The depth to ground water measured in MW-21 prior to system startup was 21.18 feet. Monitoring well MW-22 was used as an observation well during the event. Fluid recovery activities using a vacuum truck with a maximum vacuum rating of 25 in. Hg and a capacity of 325 cubic feet per minute were conducted for 48 hours on MW-21. At the 48 hour point a discussion was held between the DHEC and GRI project managers. Based on the limited ground water recovery, decreasing and relatively low organic vapors being recovered, and appearance of the fluid being recovered, the decision was made to end the event after 48 hours. During the course of the event, the vacuum at the wells remained steady at 23 in. Hg. Please note that the vacuum truck was equipped with an activated charcoal filter for off-gas treatment of vapor phase hydrocarbons. A total of 1,029 gallons of liquid was removed during the event. Based on data collected during the AFVR event, an estimated total of 4.2827 pounds (approximately 0.685 gallons) of product was removed in the vapor phase. No measurable free product was present in the tanker or the vacuumed well (MW-21) at the conclusion of the event.

Please do not hesitate to contact the undersigned at (704) 845-4010 if you have any questions or require additional information.

Sincerely,

W. Scott Ball

W. Scott Ball
Project Manager

John M. Brown, P.G.
License No. 1116

Enclosures

cc: Mr. Michael Wallace
Mr. Abdul Almontaser
file

FIGURES

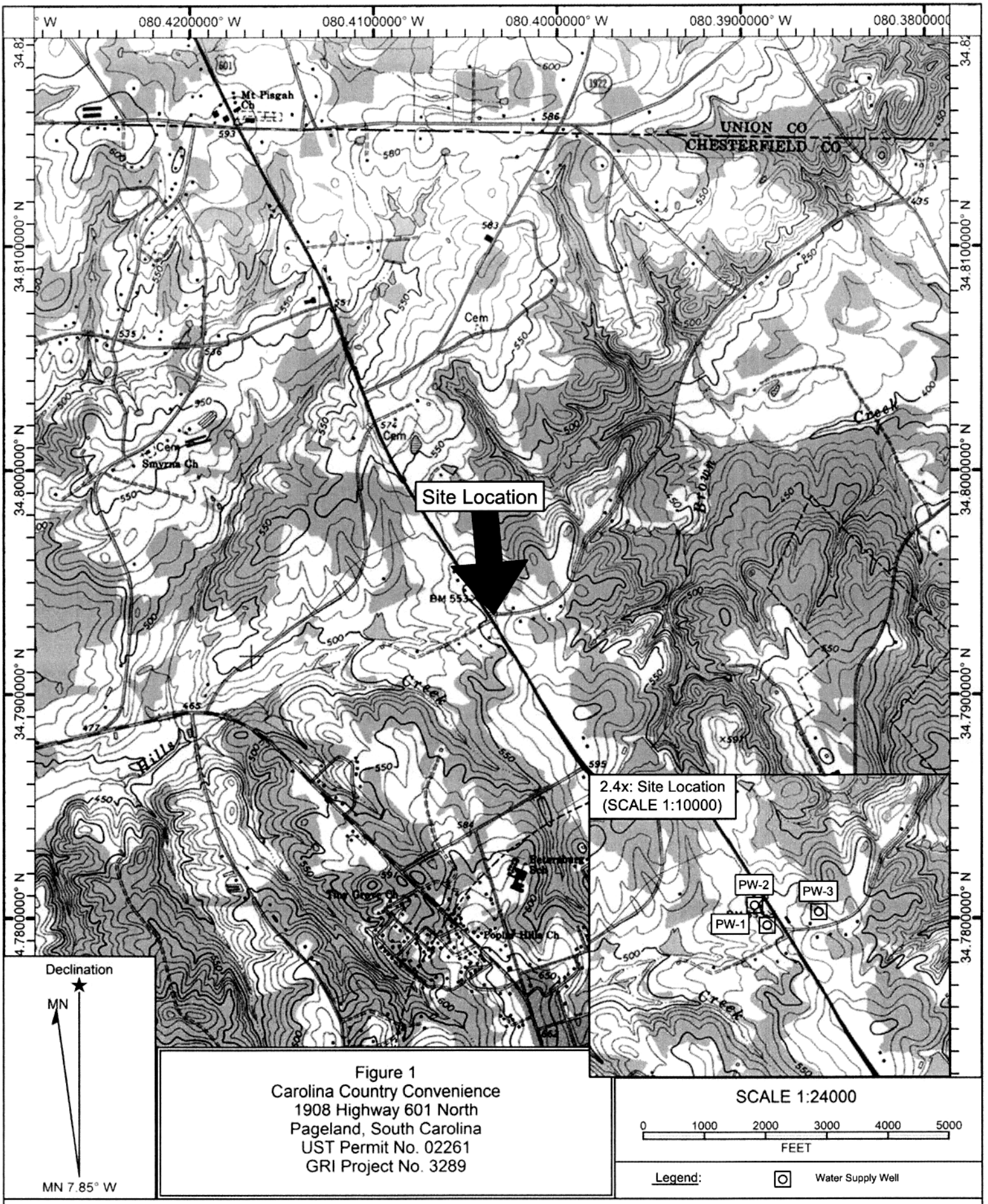


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

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.

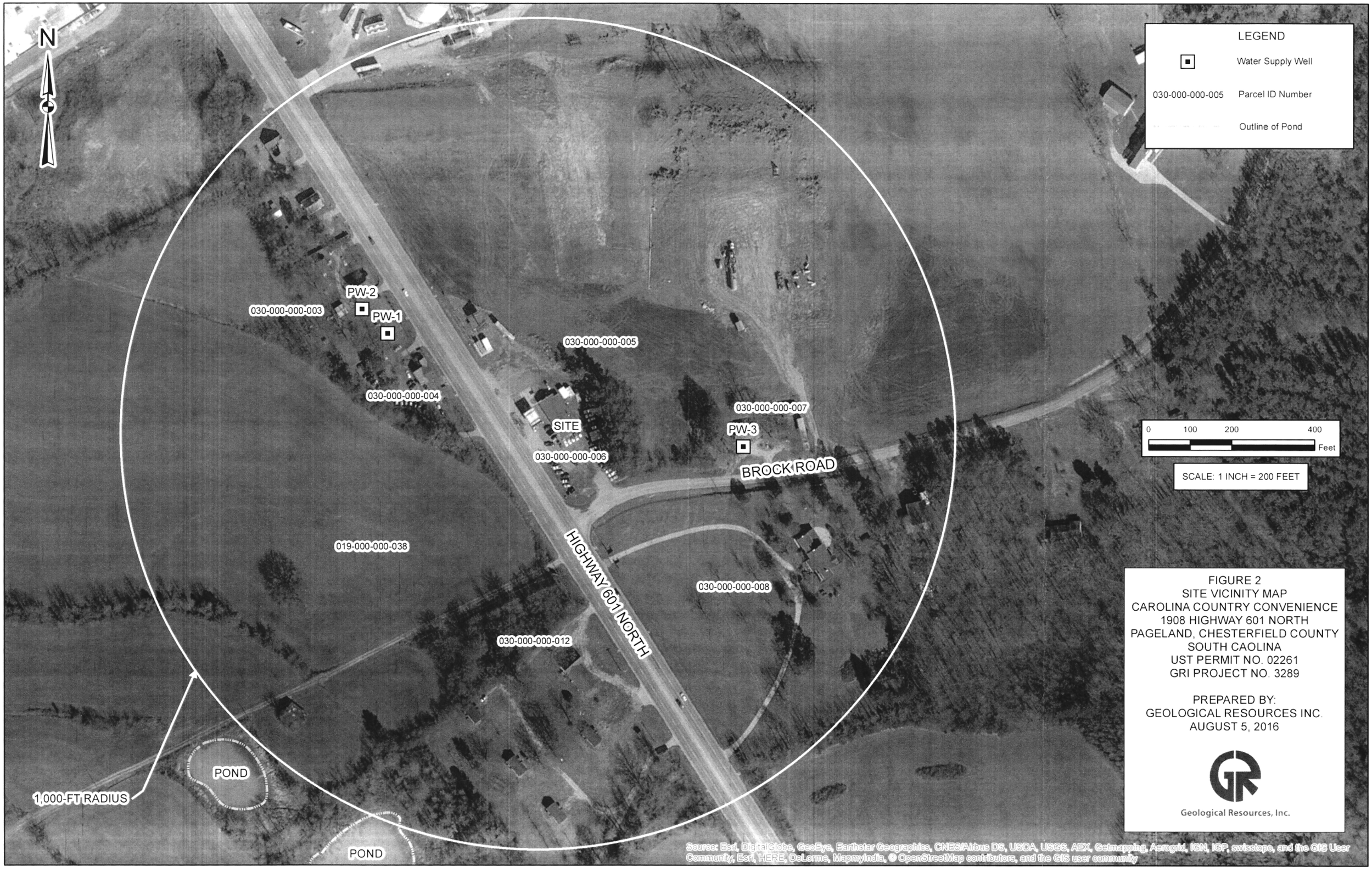


FIGURE 2
SITE VICINITY MAP
CAROLINA COUNTRY CONVENIENCE
1908 HIGHWAY 601 NORTH
PAGELAND, CHESTERFIELD COUNTY
SOUTH CAOLINA
UST PERMIT NO. 02261
GRI PROJECT NO. 3289

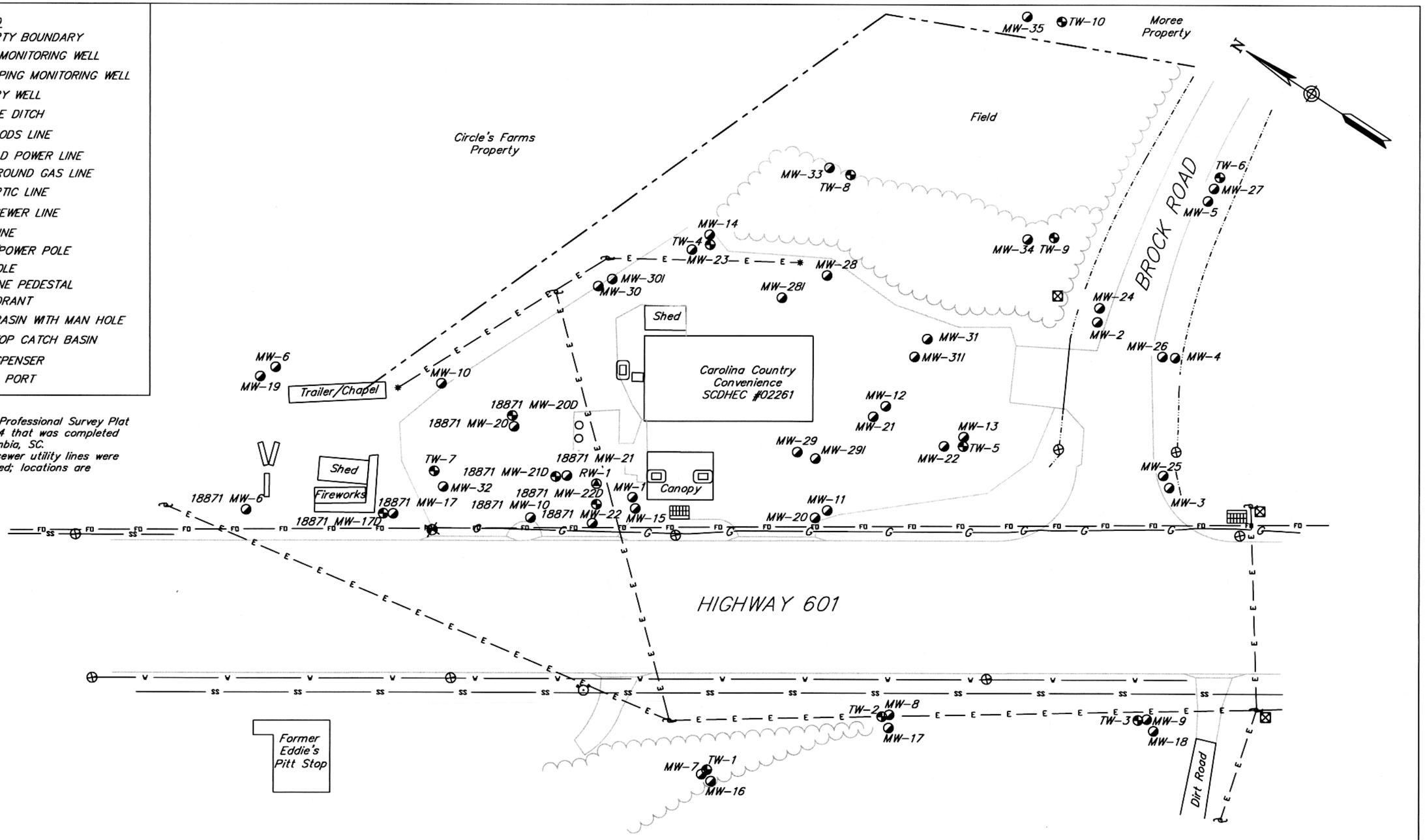
PREPARED BY:
GEOLOGICAL RESOURCES INC.
AUGUST 5, 2016

Geological Resources, Inc.

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

TABLES

TABLE 1
AFVR EVENT CHRONOLOGY
CAROLINA COUNTRY CONVENINECE
UST PERMIT # 02261
NOVEMBER 16 - 18, 2020

Task	Hours	Personnel	Equipment	Company
Vacuum Truck Setup for Fluid Removal in MW-21	7:30 - 8:00	Vacuum Truck Operator	Vacuum Truck	HERR
Gauge Liquid Level in MW-21	7:45	Vacuum Truck Operator	Interface Probe	HERR
Fluid Recovery in MW-21	8:00 - 11/16/20 8:00 - 11/18/20	Vacuum Truck Operator	Vacuum Truck	HERR
Gauge Liquid Level in MW-21	8:15	Vacuum Truck Operator	Interface Probe	HERR

TABLE 2
AFVR EVENT GAUGING DATA
CAROLINA COUNTRY CONVENIENCE
UST PERMIT #02261
NOVEMBER 16 - 18, 2020

	Date	Time	Depth to Free Product	Depth to Ground Water	Free Product Thickness
MW-21	11/16/20	7:45	---	21.18	0.00
	11/18/20	8:15	---	22.55	0.00

Note:
• Data reported in feet.

APPENDIX

APPENDIX A

AFVR Report, Calculations, Disposal Manifests/Stick Readings, Tank Charts, Photographs

HAZMAT EMERGENCY RESPONSE AND REMEDIATION, INC.
PO Box 2345 · 303 South Maultsby Street · Whiteville, NC 28472 · Phone: 910-640-2607
Fax: 910-640-2609 · e-mail: herrteam@hotmail.com · www.herrteam.com

Wednesday, December 30, 2020

Scott Ball
Geological Resources, Inc.
3502 Hayes Rd.
Monroe, NC 28110

Re: Site Name: Carolina Country Convenience
Pageland, SC
UST Permit #: 02261

Scott,

This event was originally scheduled as a 96-hour event, however the event was shut down after 48 hours at the instruction of Geological Resources, Inc. Hazmat Emergency Response and Remediation, Inc. (HERR) completed one 48-hour Aggressive Fluid Vapor Recovery (AFVR) event at the above site on November 16-18, 2020. Included is the documentation for the event. The 48-hour event was conducted on monitoring well MW-21.

If you have any questions, please do not hesitate to contact our office.

Sincerely,

Ryan Cox
HERR, Inc.

Carolina Country Convenience
Pageland, SC
November 16-18, 2020

AFVR

HERR mobilized personnel and equipment to Carolina Country Convenience on 11/16/20. The ambient temperature was 48 deg F and weather conditions were overcast. The depths to product and water were measured prior to and subsequent to the AFVR event (See attached data). Stinger depth was lowered at six-inch intervals starting at the water table interface until the target depth was reached. Personnel from Geological Resources, Inc. (GRI) were on site to supervise the event.
The 48-hour AFVR event was conducted using a Global Vacuum Liquid Ring Pump with off gas treatment through a vapor phase granular activated carbon scrubber. The vacuum unit is capable of providing 325 CFM at 25 inches of mercury.

Pollutant Mass Removal

Total weight of 4.283 pounds of petroleum in the vapor phase (total non-methane organic emissions) was removed during the 48-hour AFVR event. This amount is based on data collected during the AFVR event (see attached data sheets)

Liquid Disposal

Approximately 1,029 gallons of petroleum contact water was collected during the AFVR event (See attached disposal manifest).

APPENDICES

A. AFVR FIELD NOTES
B. POLLUTANT MASS REMOVAL DATA SHEET
C. LIQUID DISPOSAL MANIFEST

APPENDIX A

AFVR FIELD NOTES

Monitoring Well	Depth to product prior to stinger placement (ft. below TOC)	Depth to water prior to stinger placement (ft. below TOC)	Depth to product at cessation of vacuuming (ft. below TOC)	Depth to water at cessation of vacuuming (ft. below TOC)	Estimated volume of water removed during this event	Relevant Observations
MW-21	N/A	21.18	N/A	22.55		
RW-1	Unable to Locate					
					1,029 gallons	

Aggressive Fluid/Vapor Recovery Notes

Time	PID at stack (ppm)	PID after off-gas treatment (carbon) (ppm)	Velocity (ft. / min.)	Temperature (Farenheit)	Relative Humidity (%)	PID Calibration
11/16/2020 8:00	790.5	133.4	318	55.9	60.1	
8:30	821.7	141.2	320	60.1	62.5	
9:00	904.9	152.7	325	61.5	65.5	
9:30	1028.7	181.9	320	62.8	60.2	
10:00	1109.2	189.7	322	64.5	60.7	
10:30	1167.5	213.6	327	65.1	63.2	
11:00	1181.4	210.5	330	67.8	61.1	
11:30	1190.5	202.3	325	69.1	62.5	
12:00	1106.7	193.3	327	70.4	63.2	
12:30	1078.1	186.2	329	70.1	60.4	
13:00	1099.8	184.7	330	69.8	61.1	
13:30	1017.2	181.0	327	69.5	64.3	
14:00	1028.2	184.1	325	70.2	60.1	
14:30	980.1	176.4	320	69.1	60.9	
15:00	970.5	175.6	319	68.7	62.2	
15:30	961.2	174.9	322	67.2	63.4	
16:00	901.9	163.1	324	67.5	60.1	
17:00	881.2	160.3	320	66.1	62.5	
18:00	890.4	153.9	321	65.4	63.4	
19:00	781.6	124.8	329	65.1	60.1	
20:00	699.2	115.4	328	64.8	62.4	
21:00	601.5	105.2	318	63.2	65.9	
22:00	618.6	109.4	321	63.3	66.1	
23:00	601.7	104.4	320	62.8	60.7	
0:00	614.4	116.7	316	63.1	61.6	
11/17/2020 8:00	518.1	84.9	321	65.1	62.5	
10:00	407.8	70.4	325	68.4	65.1	
12:00	581.4	92.6	322	71.2	69.8	
14:00	601.5	110.6	329	71.5	70.1	
16:00	486.0	77.8	330	70.9	71.4	
18:00	499.8	84.2	327	67.4	68.4	
20:00	480.4	72.0	318	66.1	71.5	
22:00	477.6	81.6	321	65.8	70.7	
0:00	513.9	92.3	323	66.3	68.2	
11/18/2020 8:00	472.2	84.8	315	64.7	63.0	

Aggressive Fluid/Vapor Recovery Notes

vacuum conversion: (inches of water X 0.07355 = inches of mercury)

	MW-21	RW-1			Stinger Placement			
Time	Vacuum at Targeted Well (in. Hg)	Vacuum at Targeted Well (in. Hg)	Vacuum at Targeted Well (in. Hg)	Vacuum at Targeted Well (in. Hg)	Stinger Depth	Product Depth	Water Level	Notes
11/16/2020 8:00	23	N/A			23'		21.18	
8:30	23							
9:00	23				24'			
9:30	23							
10:00	23				25'			
10:30	23							
11:00	23				26'			
11:30	23							
12:00	23				27'			
12:30	23							
13:00	23				28'			
13:30	23							
14:00	23				29'			
14:30	23							
15:00	23							
15:30	23							
16:00	23							
17:00	23							
18:00	23							
19:00	23							
20:00	23							
21:00	23							
22:00	23							
1/0/1900 23:00	23							
0:00	23							
8:00	23							
10:00	23							
12:00	23							
14:00	23							
16:00	23							
18:00	23							
20:00	23							
1/0/1900 22:00	23							
0:00	23							
8:00	23						22.55	

Aggressive Fluid/Vapor Recovery Notes

vacuum conversion: (inches of water X 0.07355 = inches of mercury)

	MW-22							
Time	Water Level	Vacuum Influence at Well (in. Hg)	Water Level	Vacuum Influence at Well (in. Hg)	Water Level	Vacuum Influence at Well (in. Hg)	Water Level	Vacuum Influence at Well (in. Hg)
11/16/2020 8:00		0.17						
8:30		0.17						
9:00		0.17						
9:30		0.17						
10:00		0.17						
10:30		0.17						
11:00		0.17						
11:30		0.17						
12:00		0.17						
12:30		0.17						
13:00		0.17						
13:30		0.17						
14:00		0.17						
14:30		0.17						
15:00		0.17						
15:30		0.17						
16:00		0.17						
17:00		0.17						
18:00		0.17						
19:00		0.17						
20:00		0.17						
21:00		0.17						
22:00		0.17						
1/0/1900 23:00		0.17						
0:00		0.17						
8:00		0.17						
10:00		0.17						
12:00		0.17						
14:00		0.17						
16:00		0.17						
18:00		0.17						
20:00		0.17						
1/0/1900 22:00		0.17						
0:00		0.17						
8:00		0.17						

APPENDIX B

POLLUTANT MASS REMOVAL DATA SHEETS

Site: Carolina Country Convenience
UST Permit #: 02261

Calculations - Flow at DSCFM							
Date	Time	Velocity (ft/min)	Cross Sec. Stack Area (ft^2)	Temperature (F)	Rel. Humidity	Water Vapor (%)	Qstd (flow)
11/16/20	8:00	318	0.022	55.9	60.1	0.005816536	7.12
11/16/20	8:30	320	0.022	60.1	62.5	0.007048072	7.10
11/16/20	9:00	325	0.022	61.5	65.5	0.007771690	7.18
11/16/20	9:30	320	0.022	62.8	60.2	0.007474661	7.06
11/16/20	10:00	322	0.022	64.5	60.7	0.008006424	7.07
11/16/20	10:30	327	0.022	65.1	63.2	0.008519462	7.17
11/16/20	11:00	330	0.022	67.8	61.1	0.009051608	7.20
11/16/20	11:30	325	0.022	69.1	62.5	0.009691625	7.07
11/16/20	12:00	327	0.022	70.4	63.2	0.010254262	7.09
11/16/20	12:30	329	0.022	70.1	60.4	0.009691633	7.14
11/16/20	1:00	330	0.022	69.8	61.1	0.009704286	7.17
11/16/20	1:30	327	0.022	69.5	64.3	0.010114945	7.10
11/16/20	2:00	325	0.022	70.2	60.1	0.009676198	7.05
11/16/20	2:30	320	0.022	69.1	60.9	0.009439754	6.96
11/16/20	3:00	319	0.022	68.7	62.2	0.009511031	6.94
11/16/20	3:30	322	0.022	67.2	63.4	0.009202181	7.03
11/16/20	4:00	324	0.022	67.5	60.1	0.008808486	7.07
11/16/20	5:00	320	0.022	66.1	62.5	0.008726057	7.00
11/16/20	6:00	321	0.022	65.4	63.4	0.008637795	7.04
11/16/20	7:00	329	0.022	65.1	60.1	0.008096138	7.22
11/16/20	8:00	328	0.022	64.8	62.4	0.008321477	7.20
11/16/20	9:00	318	0.022	63.2	65.9	0.008309299	7.00
11/16/20	10:00	321	0.022	63.3	66.1	0.008364577	7.07
11/16/20	11:00	320	0.022	62.8	60.7	0.007537496	7.06
11/17/20	12:00	316	0.022	63.1	61.6	0.007732789	6.96
11/17/20	8:00	321	0.022	65.1	62.5	0.008423823	7.04
11/17/20	10:00	325	0.022	68.4	65.1	0.009857881	7.07
11/17/20	12:00	322	0.022	71.2	69.8	0.011663357	6.96
11/17/20	2:00	329	0.022	71.5	70.1	0.011836538	7.11
11/17/20	4:00	330	0.022	70.9	71.4	0.011812534	7.14
11/17/20	6:00	327	0.022	67.4	68.4	0.010009464	7.13
11/17/20	8:00	318	0.022	66.1	71.5	0.010002817	6.95
11/17/20	10:00	321	0.022	65.8	70.7	0.009785041	7.02
11/18/20	12:00	323	0.022	66.3	68.2	0.009601456	7.06
11/18/20	8:00	315	0.022	64.7	63.0	0.008372905	6.92
Averages		323.41	0.022	66.61	63.96	0.009148758	7.07

Site: Carolina Country Convenie
UST Permit #: 02261

Calculations - Pollutant Mass Removal in pounds									
Marg. Elap. Time	Elapsed Time (min)	Flow (DSCFM) (Qstd)	PPM measured (ppm)	K (#C-gas)	PPMg	Cg:m (mg/dsm^3)	Cg (lb/dscf)	PMRg (lb/hr)	PMR (lb)
0	0	7.12	790.5	1	790.5	4203.74	0.000262439	0.1121	0.0000
30	30	7.10	821.7	1	821.7	4369.66	0.000272798	0.1162	0.0581
30	60	7.18	904.9	1	904.9	4812.10	0.000300419	0.1295	0.0647
30	90	7.06	1028.7	1	1028.7	5470.44	0.000341520	0.1446	0.0723
30	120	7.07	1109.2	1	1109.2	5898.53	0.000368245	0.1563	0.0782
30	150	7.17	1167.5	1	1167.5	6208.56	0.000387600	0.1668	0.0834
30	180	7.20	1181.4	1	1181.4	6282.48	0.000392215	0.1694	0.0847
30	210	7.07	1190.5	1	1190.5	6330.87	0.000395236	0.1676	0.0838
30	240	7.09	1106.7	1	1106.7	5885.23	0.000367415	0.1563	0.0781
30	270	7.14	1078.1	1	1078.1	5733.14	0.000357920	0.1533	0.0767
30	300	7.17	1099.8	1	1099.8	5848.54	0.000365124	0.1570	0.0785
30	330	7.10	1017.2	1	1017.2	5409.29	0.000337702	0.1439	0.0719
30	360	7.05	1028.2	1	1028.2	5467.79	0.000341354	0.1444	0.0722
30	390	6.96	980.1	1	980.1	5212.00	0.000325385	0.1359	0.0679
30	420	6.94	970.5	1	970.5	5160.95	0.000322198	0.1342	0.0671
30	450	7.03	961.2	1	961.2	5111.49	0.000319110	0.1346	0.0673
30	480	7.07	901.9	1	901.9	4796.14	0.000299423	0.1270	0.0635
60	540	7.00	881.2	1	881.2	4686.07	0.000292551	0.1229	0.1229
60	600	7.04	890.4	1	890.4	4734.99	0.000295605	0.1248	0.1248
60	660	7.22	781.6	1	781.6	4156.41	0.000259485	0.1124	0.1124
60	720	7.20	699.2	1	699.2	3718.22	0.000232129	0.1003	0.1003
60	780	7.00	601.5	1	601.5	3198.67	0.000199693	0.0839	0.0839
60	840	7.07	618.6	1	618.6	3289.61	0.000205370	0.0871	0.0871
60	900	7.06	601.7	1	601.7	3199.73	0.000199759	0.0846	0.0846
480	1380	6.96	614.4	1	614.4	3267.27	0.000203976	0.0852	0.6817
120	1500	7.04	518.1	1	518.1	2755.16	0.000172005	0.0727	0.1453
120	1620	7.07	407.8	1	407.8	2168.61	0.000135386	0.0575	0.1149
120	1740	6.96	581.4	1	581.4	3091.78	0.000193020	0.0806	0.1612
120	1860	7.11	601.5	1	601.5	3198.67	0.000199693	0.0851	0.1703
120	1980	7.14	486.0	1	486.0	2584.46	0.000161348	0.0691	0.1381
120	2100	7.13	499.8	1	499.8	2657.85	0.000165929	0.0710	0.1420
120	2220	6.95	480.4	1	480.4	2554.68	0.000159489	0.0665	0.1330
120	2340	7.02	477.6	1	477.6	2539.79	0.000158559	0.0668	0.1336
480	2820	7.06	513.9	1	513.9	2732.83	0.000170611	0.0723	0.5782
60	2880	6.92	472.2	1	472.2	2511.08	0.000156766	0.0650	0.0650
Averages		7.07	801.87	1.00	801.87	4264.20	0.000266214	0.1130	0.1242
							Total Emission in pounds:		4.2827

Pollutant Mass Removal Calculations

Qstd = (1-water vapor) * velocity * (PI * (diameter/24)^2) * (528degrees R/(Temp + 460)
PPMg = PPM measured * K
Cg:m = PPMg * (Mg/K3)
Cg = Cg:m * 62.43E-09 lb-m^3/mg-ft^3
PMRg = Cg * Qstd * 60 min/hr
PMR = PMRg * ((T2 –T1)/60)

Qstd = Flow at DSCFM
Vacuum = The level of vacuum being applied should be recorded from the vacuum truck tank (inches of Hg)
Velocity = rate at which air flow is measured at the blower discharging pipe (anemometer)
Cross Sectional Area = area in ft^2 of discharge stack
Relative Humidity = The % relative humidity of the air stream exiting from the blower discharge piping
Water Vapor in % = Pounds of water/ pound of dry air, derived from the psychrometric chart (temp vs relative humidity)
PPM = PPM measurements taken with an OVA/ PID at the blower discharge piping
K = Number of carbons in calibration gas: K=1
PPMg = PPMv, Volumetric concentration as gasoline emission, dry basis at STP
Cg:m =mg/dsm3, mass concentration of gasoline emission
Mg = 128 mg/mg-mole, molecular weight of gasoline
K3 = 24.07 dsm^3/1E6 mg-mole, mass to volume conversion factor at STP
Cg = lb/dcsf, mass concentration of gasoline emission, dry basis at STP
PMRg = lb/hr, pollutant mass removal rate of gasoline emission
PMR = pollutant mass removal of gasoline emission over time

APPENDIX C

LIQUID 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.: A-201417-W

2. Page 1 of

3. Generator's Name and Mailing Address: CAROLINA COUNTRY CONVENIENCE
1908 HWY 601 NORTH
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

GENERATOR

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-REG. PETROLEUM CONTACT WATER		TT	1,025	GAL.
b.			B11	
c.				
d.				

G. Additonal 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: David Beaver — Signature — Date: Month 11 | Day 18 | Year 20

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: DALE FOWLER — Signature — Date: Month 11 | Day 18 | Year 20

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month | Day | Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name: RYAN Cox — Signature — Date: Month 11 | Day 18 | Year 20

F-14 © 2002 LABELMASTER ®(800) 621-5808 www.labelmaster.com

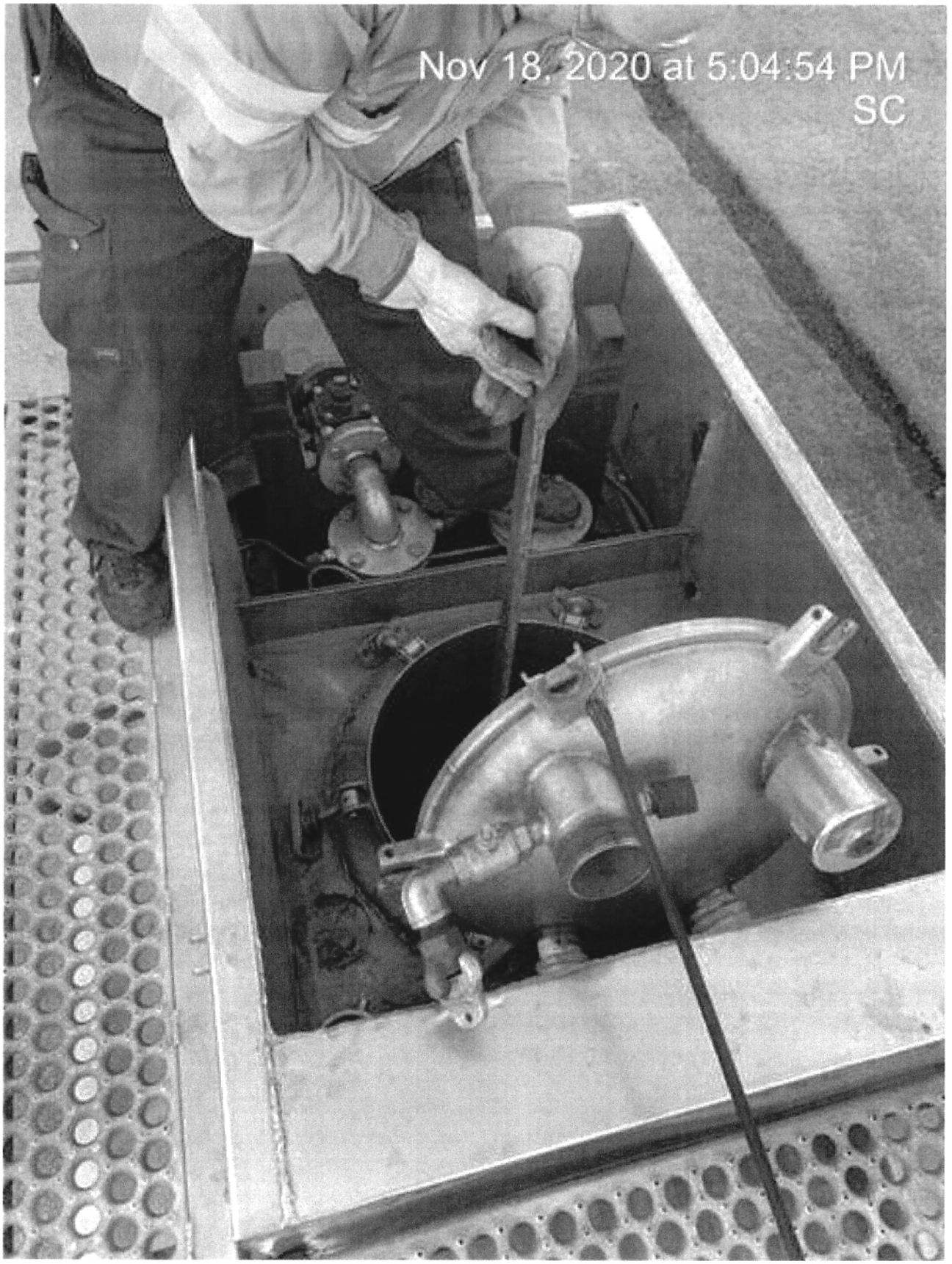
PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Rev. 3/95

Custom Tanker Trailer
Tanker # 946
VIN: S110083

Horizontal Tank Chart **Diameter: 75 in.** **Length: 464 in.**

Inches	Gallons	Inches	Gallons	Inches	Gallons	Inches	Gallons
1in.	23.1	2in.	65.08	3in.	119.06	4in.	182.55
5in.	254.07	6in.	332.58	7in.	417.32	8in.	507.69
9in.	603.19	10in.	703.38	11in.	807.92	12in.	916.46
13in.	1028.74	14in.	1144.49	15in.	1263.46	16in.	1385.46
17in.	1510.26	18in.	1637.69	19in.	1767.56	20in.	1899.71
21in.	2033.99	22in.	2170.23	23in.	2308.3	24in.	2448.05
25in.	2589.35	26in.	2732.07	27in.	2876.09	28in.	3021.28
29in.	3167.52	30in.	3314.7	31in.	3462.69	32in.	3611.4
33in.	3760.7	34in.	3910.48	35in.	4060.65	36in.	4211.08
37in.	4361.67	38in.	4512.31	39in.	4662.9	40in.	4813.33
41in.	4963.5	42in.	5113.28	43in.	5262.58	44in.	5411.28
45in.	5559.28	46in.	5706.46	47in.	5852.7	48in.	5997.89
49in.	6141.91	50in.	6284.63	51in.	6425.93	52in.	6565.68
53in.	6703.75	54in.	6839.99	55in.	6974.26	56in.	7106.42
57in.	7236.29	58in.	7363.72	59in.	7488.52	60in.	7610.52
61in.	7729.49	62in.	7845.24	63in.	7957.51	64in.	8066.06
65in.	8170.6	66in.	8270.79	67in.	8366.29	68in.	8456.66
69in.	8541.4	70in.	8619.91	71in.	8691.43	72in.	8754.92
73in.	8808.9	74in.	8850.88	75in.	8873.98		


Nov 18, 2020 at 5:04:54 PM
SC


Nov 18, 2020 at 5:05:37 PM
SC

dhec
Healthy People. Healthy Communities.

MAY 05 2021

UST 56 DOCKETING

CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

Re: **Site-Specific Work Plan Request for Groundwater Sampling**
Carolina Country Convenience, 1908 Hwy 601 N, Pageland, SC
UST Permit #02261
Release #2 reported October 11, 2012
AFVR report received January 4, 2021
Chesterfield County

To Whom it May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels.

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations R.61-92, implementation of groundwater sampling is necessary. The groundwater sampling must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and in compliance with all applicable regulations. A copy of the UST QAPP is available at SCDHEC.gov/Environment/Land-Waste/Underground-Storage-Tanks/Release-Assessment-Clean/Quality-Assurance.

Groundwater samples should be collected from all monitoring wells associated with this release. Samples should be analyzed for BTEX, Naphthalene, MTBE, 1,2-DCA, the 8 oxygenates, and EDB. Only wells with screens that do not bracket the water table should be purged prior to sampling.

Your contractor must complete the SSWP and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence concerning this site, please reference UST Permit #02261. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at feltzal@dhec.sc.gov.

Sincerely,

Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Geological Resources, Inc., 3502 Hayes Road, Monroe, NC 28110
Technical file

Geological Resources, Inc.

UST 57TG DOCKETING

UST Amanda MAY 28 2021 DIVISION

May 25, 2021

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

Re: GRI Proposal No. 21-333
Site Specific Work Plan
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
UST Permit No. 02261
GRI Project No. 3289

Dear Ms. Feltz:

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

JOHN M. BROWN REGISTERED No. 1116 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License #1116

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
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: Amanda Feltz (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: 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: 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: _____ Tons Purge Water: 300 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
Sample monitoring wells MW-1 through MW-35, 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: _____

NA 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

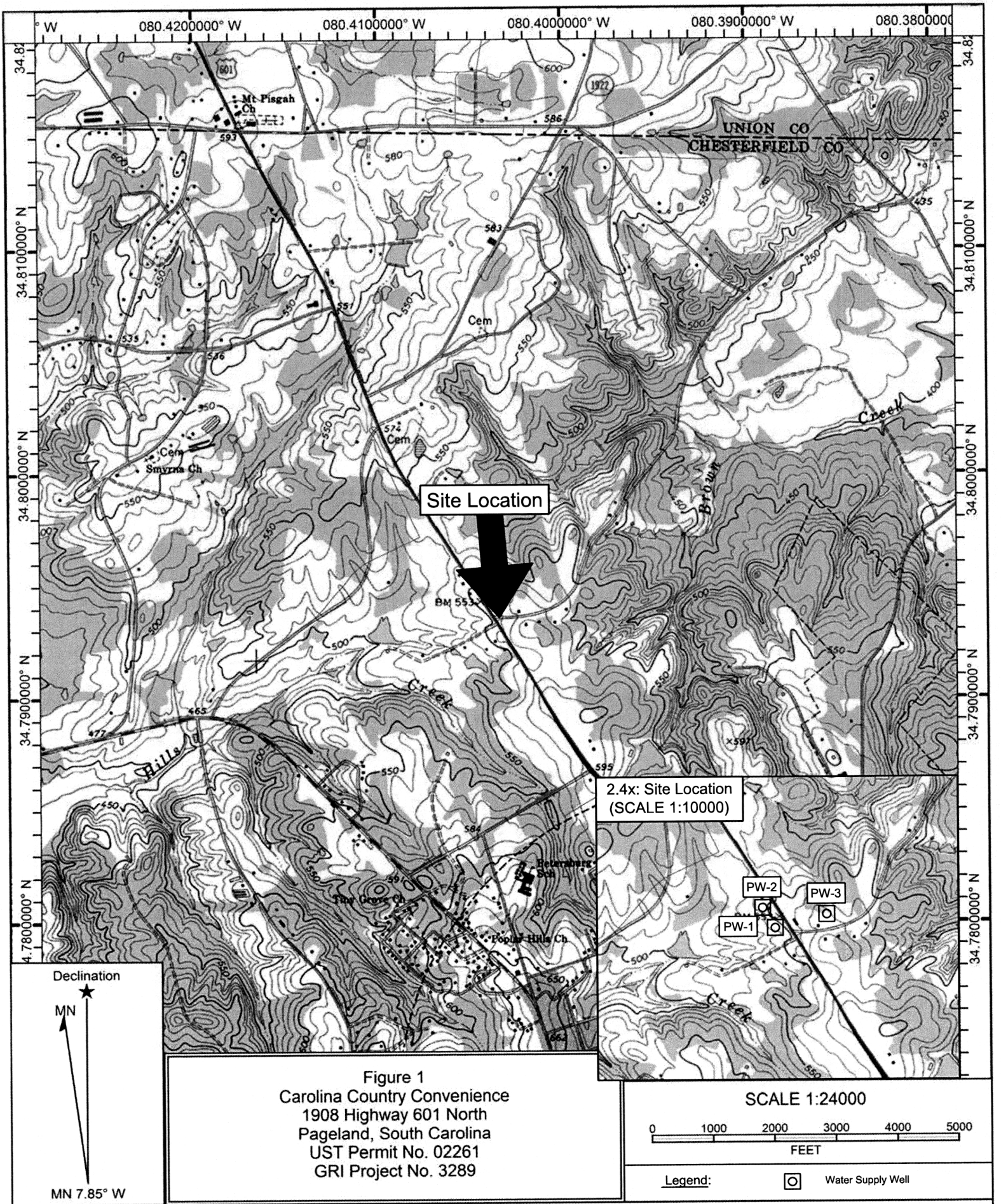


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

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.



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

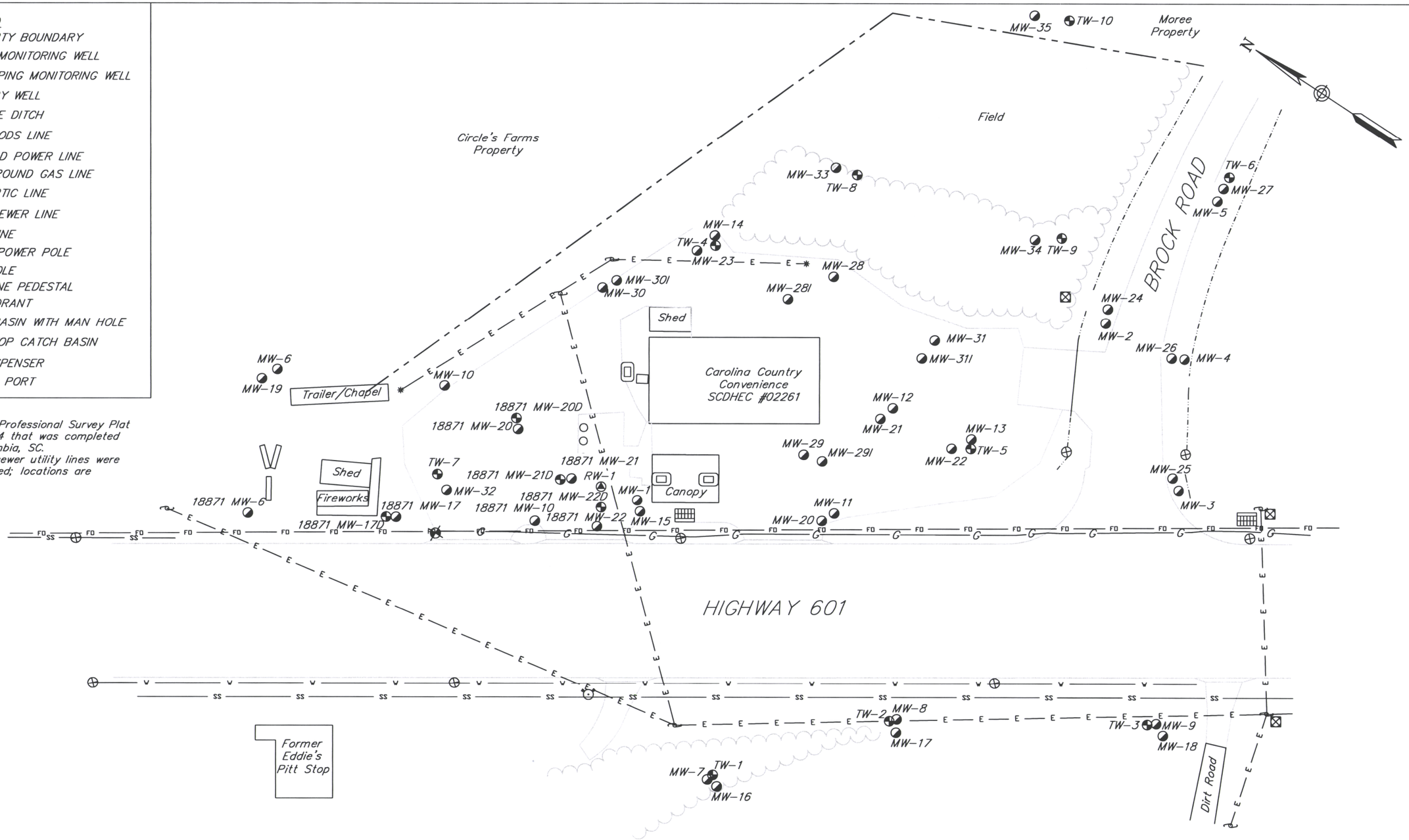
PREPARED BY:
GEOLOGICAL RESOURCES INC.
AUGUST 5, 2016

Geological Resources, Inc.

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

Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: Carolina Country Convenience

GRI Prop. No. 21-333

UST Permit #: 02261 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. **Plan Preparation**					
1. Site-specific Work Plan	1	each	$160.05		$160.05
2. Tax Map		each	$74.69		$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
B. **Receptor Survey ***		each	$587.92		$0.00
C. **Survey (500 ft x 500 ft)**					
1. Comprehensive Survey		each	$1,109.68		$0.00
Subsurface Geophysical Survey					
2. < 10 meters below grade		each	$1,387.10		$0.00
3. > 10 meters below grade		each	$2,464.77		$0.00
4. Geophysical UST or Drum Survey		each	$970.97		$0.00
D. **Mob/Demob**					
1. Equipment		each	$1,088.34		$0.00
2. Personnel	3	each	$451.34		$1,354.02
3. Adverse Terrain Vehicle		each	$533.50		$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34		$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***					
1. Standard		per foot	$16.01		$0.00
2. Fractured Rock		per foot	$21.55		$0.00
G. **Soil Leachability Model**		each	$64.02		$0.00
H. **Abandonment (per foot)***					
1. 2" diameter or less		per foot	$3.31		$0.00
2. Greater than 2" to 6" diameter		per foot	$4.80		$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00		$0.00
I. **Well Installation (per foot)***					
1. Water Table (hand augered)		per foot	$11.31		$0.00
2. Water Table (drill rig) 2" Diameter		per foot	$40.55		$0.00
3. Telescoping		per foot	$53.35		$0.00
4. Rock Drilling		per foot	$61.89		$0.00
5. 2" Rock Coring		per foot	$32.97		$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64		$0.00
7. Recovery Well (4" diameter)		per foot	$48.02		$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01		$0.00
9. Rotosonic (2" diameter)		per foot	$46.95		$0.00
10. Re-develop Existing Well		per foot	$11.74		$0.00

J. **Groundwater Sample Collection / Gauge Depth to Water or Product ***					
1. Groundwater Purge	49	per well	$64.02		$3,136.98
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate	2	sample	$23.47		$46.94
4. Groundwater No Purge or Duplicate or Grab	3	sample	$29.88		$89.64
5. Gauge Well only		sample	$7.47		$0.00
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank	3	sample	$26.25		$78.75
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank	2	sample	$26.25		$52.50
K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	55	per sample	$130.17		$7,159.35
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011	54	per sample	$48.23		$2,604.42
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)	4	per sample	$132.36		$529.44
15. 7-OXYGENATES & ETHANOL (8260B)	4	per sample	$97.90		$391.60
16. EDB (504.1)	3	per sample	$84.83		$254.49
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. **Analyses-Soil**					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer		per sample	$110.97		$0.00
24. Total Organic Carbon		per sample	$32.65		$0.00
K. **Analyses-Air**					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. **Analyses-Free Phase Product**					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. **Aquifer Characterization***					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test		per test	$203.80		$0.00
3. Fractured Rock		per test	$106.70		$0.00

M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***		each	$260.00		$0.00
Q. **Disposal (gallons or tons)***					
1. Wastewater	300	gallon	$0.60		$180.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal		ton	$64.02		$0.00
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00
X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00

6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*		each	$53.35		$0.00
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*		each	$125.91		$0.00
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock		each	$16.00		$0.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*		each	$160.05		$0.00
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$16,038.18		$1,924.58
TOTAL					$17,962.76

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary

Feltz, Amanda L.

From: Feltz, Amanda L.
Sent: Tuesday, June 8, 2021 9:27 AM
To: Scott Ball
Cc: Chonko, Gregory H.
Subject: 02261



Scott,

We are cancelling the work I directed for 02261. You can invoice for the SSWP.

The site is going to be transferred back to assessment due to the limited number of wells that bracket the water table. The new project manager will be Greg Chonko. Thanks!

Amanda Feltz
Geologist/Hydrologist I
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
S.C. Dept. of Health & Environmental Control
Office: (803) 898-2446
Connect: www.scdhec.gov Facebook Twitter



dhec
Healthy People. Healthy Communities.

MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

DEC 13 2021

UST 59 DOCKETING

Re: **Site-Specific Work Plan Request for Additional Assessment**
Carolina Country Convenience, 1908 Hwy 601 N, Pageland, SC
UST Permit #02261
Release reported October 11, 2012
AFVR Report Received January 4, 2021
Chesterfield County

Dear Mr. Wallace:

The Underground Storage Tank Management (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels.

To determine what risk the referenced release may pose to human health and the environment, in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations R.61-92, implementation of additional assessment is necessary. The assessment must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and in compliance with all applicable regulations. A copy of the UST QAPP is available at scdhec.gov/Environment/Land-Waste/Underground-Storage-Tanks/Release-Assessment-Clean/Quality-Assurance.

To get a better idea of the site geology, please conduct a direct push macro-core sample in the area of MW-28, MW-31, and MW-34. During this sampling please provide detailed soil lithology descriptions for every two feet. Please note, the contractor is responsible for ensuring that the subsurface is free of any obstructions (e.g. utilities, supply lines, etc.) prior to the installation of any boring or well.

Your contractor must complete the SSWP and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank 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 concerning this site, please reference the above listed UST Permit number. Should you have any questions, please contact me by phone at (803) 898-3807, by fax at (803)-898-0673, or by email at reillycm@dhec.sc.gov.

Sincerely,

Caitlin Reilly

Caitlin Reilly, Hydrogeologist
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Geological Resources, Inc., 3502 Hayes Road, Monroe, NC 28110
Technical file

Geological Resources, Inc.

UST DOCKETING 660 T
UST Caitlin JAN 10 2022 PROGRAM

January 6, 2022

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

Re: GRI Proposal No. 21-780
Site Specific Work Plan
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
UST Permit No. 02261
GRI Project No. 3289

Dear Ms. Reilly:

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. The scope of work includes the installation of macro-core soil samples in the areas of monitoring wells MW-28, MW-31 and MW34.

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

Sincerely,

W. Scott Ball

W. Scott Ball
Senior Project Manager

JOHN M. BROWN REGISTERED No. 1116 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

John M. Brown, P.G.
License #1116

Enclosures

cc: file

3502 Hayes Road • Monroe, North Carolina 28110
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: Caitlin Reilly (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 Macrocore borings for lithologies
- ☐ 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: 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: 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: 0.25 Tons Purge Water: _____ 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.

Install macro-core soil borings next to MW-28 (30'), MW-31 (30') and MW-34 (50').

The proposed boring locations are shown on the attached site map.

Soil samples will be collected at 2' intervals in each boring to total depths proposed or until probe refusal.

Soil lithologies will be recorded and presented in a soil assessment report.

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	Proposed monitoring well locations
Location of property lines	Legend with facility name and address, UST permit number, and bar scale
Location of buildings	Streets or highways (indicate names and numbers)
Previous soil sampling locations	Location of all present and former ASTs and USTs
Previous monitoring well locations	Location of all potential receptors
Proposed soil boring locations	

3. Assessment Component Cost Agreement, SCDHEC Form D-3664

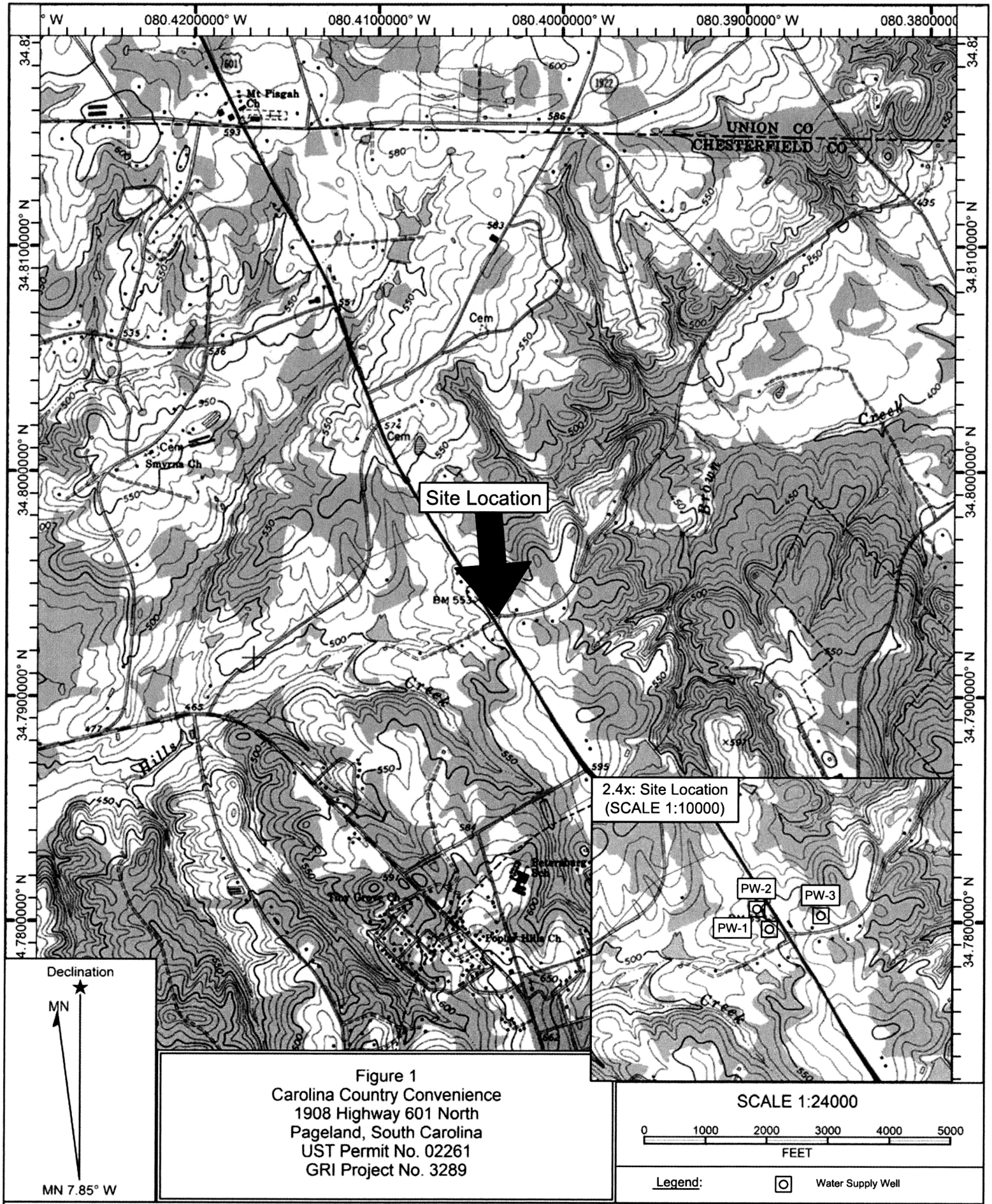


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

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

030-000-000-005

030-000-000-004

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

1,000-FT RADIUS

POND

POND

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.

Proposed Macro-Core Soil boring locations

Circle's Farms Property

Moree Property

Field

BROCK ROAD

Carolina Country Convenience
SCDHEC #02261

Shed

Fireworks

Canopy

Trailer/Chapel

HIGHWAY 601

Former Eddie's Pitt Stop

Dirt Road

MW-35 TW-10 MW-33 TW-8 TW-6 MW-27 MW-5 MW-14 TW-4 MW-34 TW-9 MW-23 MW-28 MW-301 MW-30 MW-281 MW-24 MW-2 MW-31 MW-311 MW-26 MW-4 MW-6 MW-19 MW-10 18871 MW-20D 18871 MW-20 MW-12 MW-21 MW-29 MW-291 MW-13 MW-22 TW-5 TW-7 18871 MW-21D 18871 MW-21 RW-1 MW-32 18871 MW-22D MW-1 MW-25 MW-3 18871 MW-6 18871 MW-17 18871 MW-10 18871 MW-22 MW-15 MW-11 MW-20 18871 MW-17D 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:	11/19/19	Drawn by:	DTH	Figure:	3

Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: Carolina Country Convenience

GRI Prop. No. 21-780

UST Permit #: 02261 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. **Plan Preparation**					
1. Site-specific Work Plan	1	each	$160.05		$160.05
2. Tax Map		each	$74.69		$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
B. **Receptor Survey ***		each	$587.92		$0.00
C. **Survey (500 ft x 500 ft)**					
1. Comprehensive Survey Subsurface Geophysical Survey		each	$1,109.68		$0.00
2. < 10 meters below grade		each	$1,387.10		$0.00
3. > 10 meters below grade		each	$2,464.77		$0.00
4. Geophysical UST or Drum Survey		each	$970.97		$0.00
D. **Mob/Demob**					
1. Equipment	1	each	$1,088.34		$1,088.34
2. Personnel	2	each	$451.34		$902.68
3. Adverse Terrain Vehicle		each	$533.50		$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34		$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***					
1. Standard	110	per foot	$16.01		$1,761.10
2. Fractured Rock		per foot	$21.55		$0.00
G. **Soil Leachability Model**		each	$64.02		$0.00
H. **Abandonment (per foot)***					
1. 2" diameter or less	110	per foot	$3.31		$364.10
2. Greater than 2" to 6" diameter		per foot	$4.80		$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00		$0.00
I. **Well Installation (per foot)***					
1. Water Table (hand augered)		per foot	$11.31		$0.00
2. Water Table (drill rig) 2" Diameter		per foot	$40.55		$0.00
3. Telescoping		per foot	$53.35		$0.00
4. Rock Drilling		per foot	$61.89		$0.00
5. 2" Rock Coring		per foot	$32.97		$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64		$0.00
7. Recovery Well (4" diameter)		per foot	$48.02		$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01		$0.00
9. Rotosonic (2" diameter)		per foot	$46.95		$0.00
10. Re-develop Existing Well		per foot	$11.74		$0.00

J. **Groundwater Sample Collection / Gauge Depth to Water or Product ***					
1. Groundwater Purge		per well	$64.02		$0.00
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate		sample	$23.47		$0.00
4. Groundwater No Purge or Duplicate or Grab		sample	$29.88		$0.00
5. Gauge Well only		sample	$7.47		$0.00
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank		sample	$26.25		$0.00
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank		sample	$26.25		$0.00
K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)		per sample	$130.17		$0.00
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011		per sample	$48.23		$0.00
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)		per sample	$132.36		$0.00
15. 7-OXYGENATES & ETHANOL (8260B)		per sample	$97.90		$0.00
16. EDB (504.1)		per sample	$84.83		$0.00
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. **Analyses-Soil**					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer		per sample	$110.97		$0.00
24. Total Organic Carbon		per sample	$32.65		$0.00
K. **Analyses-Air**					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. **Analyses-Free Phase Product**					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. **Aquifer Characterization***					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test		per test	$203.80		$0.00
3. Fractured Rock		per test	$106.70		$0.00

M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***		each	$260.00		$0.00
Q. **Disposal (gallons or tons)***					
1. Wastewater		gallon	$0.60		$0.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal	0.25	ton	$64.02		$16.01
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00
X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00

6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*		each	$53.35		$0.00
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*		each	$125.91		$0.00
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock		each	$16.00		$0.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*		each	$160.05		$0.00
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$4,292.28		$515.07
TOTAL					$4,807.35

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary

dhec
Healthy People. Healthy Communities.



JAN 27 2022

MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HWY 601 N
PAGELAND SC 29728

Re: **Additional Assessment Notice to Proceed**
Carolina Country Convenience, 1908 Hwy 601 N, Pageland, SC
UST Permit #02261; CA #64953; UMW-28807
Release #2 reported October 11, 2012
Site Specific Work Plan received January 10, 2022
Chesterfield County

Dear Mr. Wallace:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site-Specific Work Plan (SSWP) submitted by your contractor. The assessment should begin immediately upon receipt of this letter. A monitoring well approval has been enclosed for the monitoring well installation. All work should be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and all applicable regulations. The current revision of the QAPP is available at scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

The Assessment report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the UST Division within ninety (90) days of the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the 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.

Pursuant to S.C. Code Ann. Section 44-2-40(D), "The SUPERB Account and the SUPERB Financial Responsibility Fund shall provide combined coverage for site rehabilitation and third party claims, respectively, not to exceed one million dollars per occurrence". According to UST Division records, approximately $222,887.80 has been expended from the SUPERB Account to date. This scope of work, as recommended by your contractor, is anticipated to cost approximately $4,807.35.

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

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis 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 the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-3807, by fax at (803) 898-0673, or by email at reillycm@dhec.sc.gov.

Sincerely,

Caitlin Reilly

Caitlin Reilly, Hydrogeologist
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement
Monitoring Well Approval Form

cc: Geological Resources, Inc., 3502 Hayes Road, Monroe, NC 28110 (w/ enc)
Technical file (w/ 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
UST Permit Number: 02261
County: Chesterfield

This approval is for the installation of 3 temporary 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 Caitlin Reilly the project manager (tel: (803) 898-3807 or e-mail: reillycm@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: **January 14, 2022** **Approval #: UMW-28807**

Caitlin Reilly

Caitlin Reilly, Hydrogeologist
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Approved Cost Agreement 64953

Facility: 02261 CAROLINA COUNTRY CONVENIENCE
REILLY CM
PO Number:

Task / Description Categories	Item Description	Qty / Pct	Unit Price	Amount
A PLAN PREPARATION				
	1 SITE SPECIFIC WORK PLAN	1.0000	$160.050	160.05
D MOB/DEMOB				
	1 EQUIPMENT	1.0000	$1,088.340	1,088.34
	2 PERSONNEL	2.0000	$451.340	902.68
F SOIL BORINGS (DRILLED)				
	1 SOIL BORING/FLD SCR. STANDARD	110.0000	$16.010	1,761.10
H ABANDONMENT				
	1 ABANDONMENT 2" DIA OR LESS	110.0000	$3.310	364.10
Q DISPOSAL				
	3 SOIL TREATMENT DISPOSAL	0.2500	$64.020	16.01
S REPORT PROJECT MANAGEMENT				
	S REPORT PREP & PROJ. MANAGEMENT	0.1200	$4,292.280	515.07
		Total Amount		4,807.35

CD's Information

Date Received: 2/28/22

Permit Number: 02261

Project Manager: Caitlin Reilly

Contractor: GRI

Description: Soil Assessment

Docket Number: 62T **Initials:** _____

Scanned by: _____

Verified by: _____

Geological Resources, Inc.

February 24, 2022

Ms. Caitlin Reilly
Assessment and Non-Permitted Petroleum Section
UST Management Division
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201-1708

Re: Soil Assessment Report
Carolina Country Convenience
1908 Highway 601 N.
Pageland, Chesterfield County, South Carolina
UST Permit #02261
GRI Project No. 3289

Dear Ms. Reilly:

Geological Resources, Inc. (GRI) presents the results of soil assessment activities conducted on February 10, 2022 at the above referenced site (**Figure 1**). The activities were conducted in accordance with the "Additional Assessment Notice to Proceed" dated January 27, 2022, from the South Carolina Department of Health and Environmental Control (SCDHEC). The purpose of the activities was to obtain subsurface soil lithologies for three locations at the site. The site currently contains an active petroleum retail facility and convenience store. Adjacent properties are currently used for residential, agricultural, and limited commercial purposes. One 10,000-gallon regular gasoline UST, one 6,000-gallon regular gasoline UST, and one 6,000-gallon premium gasoline UST are currently in use at the site. (**Figure 2**).

The soil assessment activities were conducted using a Geoprobe direct-push rig with macro-core sampling sleeves. Soil borings were installed next to monitoring wells MW-28, MW-31, and MW-34. Soil borings were advanced until refusal was encountered (due to the presence of meta-argillite) at total depths of nine (9) feet, (10) feet and (18) feet, respectively. Soil samples were collected at (2) two-foot intervals from each boring and screened with a photoionization detector. Soil lithologies were noted during the advancement of each soil boring. Soil boring locations are shown on **Figure 2**. Soil boring logs have included as **Appendix A**. A copy of the Contractor Checklist is included as **Appendix B**.

Please do not hesitate to contact the undersigned at (704) 845-4010 if you have any questions or require additional information.

Sincerely,

W. Scott Ball
Project Manager



John M. Brown, P.G.
License No. 1116

enclosures

cc: Ms. Caitlin Reilly, SCDHEC
file

FIGURES

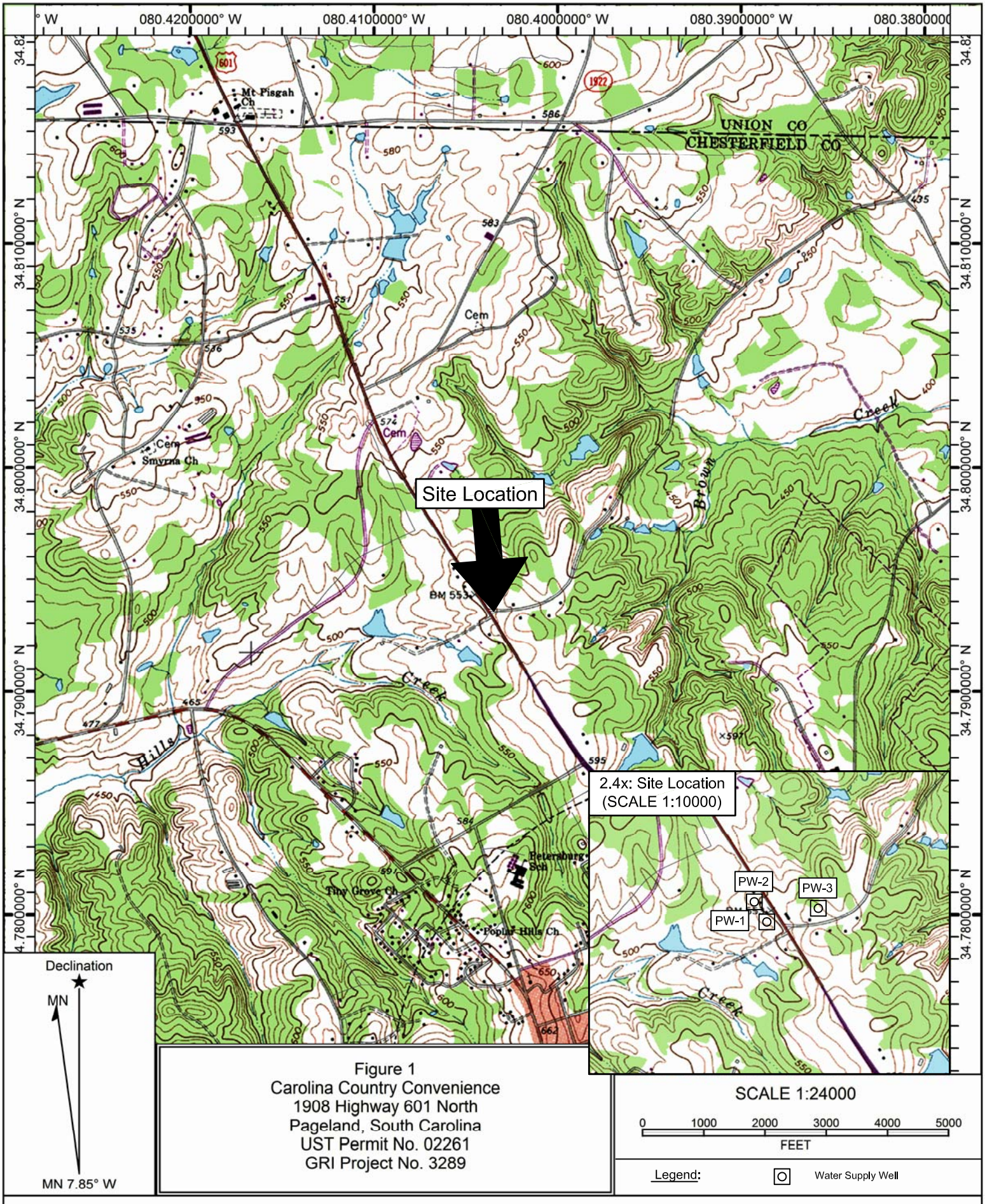


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

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
POND
1,000-FT RADIUS
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.

Macro-Core Soil boring locations

Circle's Farms Property
Field
Moree Property
BROCK ROAD
HIGHWAY 601
Trailer/Chapel
Shed
Carolina Country Convenience SCDHEC #02261
Canopy
Shed
Fireworks
Former Eddie's Pitt Stop
Dirt Road

MW-35 TW-10 MW-33 TW-8 TW-6 MW-27 MW-5 MW-14 TW-4 MW-23 MW-28 SB-3 50' MW-34 TW-9 MW-30I MW-30 MW-28I SB-1 30' MW-24 MW-2 SB-2 30' MW-31 MW-31I MW-26 MW-4 MW-6 MW-19 MW-10 18871 MW-20D 18871 MW-20 MW-12 MW-21 MW-13 TW-5 MW-22 MW-29 MW-29I TW-7 18871 MW-21D 18871 MW-21 RW-1 MW-32 MW-1 18871 MW-22D 18871 MW-6 18871 MW-17 18871 MW-10 18871 MW-22 MW-15 MW-11 MW-20 MW-25 MW-3 18871 MW-17D 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:	11/19/19	Drawn by:	DTH	Figure:	3

APPENDICES

APPENDIX A
Subsurface Boring Logs

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	**02/10/22**
Sample Method	**Grab**	Drilling Method	**2" GeoProbe Macro-Core**
Completion Details	**Screen every 2'**		
Driller	**Sam Bowers, GRI**	Log By	**Chris Birchfield, GRI**

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						
2				0-2'	0.0	Tan sandy clay w/ mottling of black material
4				2-4'	23.9	Tan sandy clay w/ mottling of black material & veining of calcite
6				4-6'	0.1	Tan sandy clay w/iron staining and veining
8				6-8'	1.1	Tan sandy clay w/calcite veining & iron staining
9				9'		Refusal

Refusal @ 9' Argillite encountered

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	**02/10/22**
Sample Method	**Grab**	Drilling Method	**2" GeoProbe Macro-Core**
Completion Details	**Screen every 2'**		
Driller	**Sam Bowers, GRI**	Log By	**Chris Birchfield, GRI**

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						
2				0-2'	20.9	Light tan sandy clay w/calcite mottling
4				2-4'	9.6	Light tan sandy clay w/calcite mottling
6				4-6'	0.1	Orangish tan sandy clay w/iron veining
8				6-8'	0.0	Orangish tan sandy clay w/iron veining
10				8-10'	0.0	Orangish tan sandy clay w/iron veining

Refusal @ 10' Argillite encountered

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	**02/10/22**
Sample Method	**Grab**	Drilling Method	**2" GeoProbe Macro-Core**
Completion Details	**Screen every 2'**		
Driller	**Sam Bowers, GRI**	Log By	**Chris Birchfield, GRI**

Depth			Lab Sample	Sample Interval(ft)	OVA ppm	LITHOLOGY
0						
2				0-2'	0.0	Orange brown fat clay w/calcite nodules
4				2-4'	0.0	Orange brown fat clay w/calcite nodules
6				4-6'	0.0	Orange tan lean clay w/iron veining
8				6-8'	0.0	Orange tan sandy clay w/iron veining
10				8-10'	0.1	Orange tan sandy clay w/calcite lens' & veining
12				10-12'	0.0	Orange tan sandy clay w/calcite lens' & veining
14				12-14'	0.0	Orange tan sandy lean clay w/iron veining
16				14-16'	0.0	Orange tan sandy lean clay w/iron veining
18				16-18'	0.0	Orange tan sandy lean clay w/iron veining

Refusal @ 18' Argillite encountered

APPENDIX B
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.

JUL 01 2022

MICHAEL WALLACE
CAROLINA COUNTRY LLC
1908 HIGHWAY 601 NORTH
PAGELAND SC 29728

Re: **Site-Specific Work Plan Request for Groundwater Sampling**
Carolina Country Convenience, 1908 Highway 601 North, Pageland, SC
UST Permit #02261
Release reported October 11, 2012
Assessment Report received February 28, 2022
Chesterfield County



Dear Mr. Wallace:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels.

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations R.61-92, implementation of groundwater sampling is necessary. The groundwater sampling must be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and all applicable regulations. The QAPP is available at scdhec.gov/Environment/Land-Waste/Underground-Storage-Tanks/Release-Assessment-Clean/Quality-Assurance.

Groundwater samples should be collected from all monitoring wells associated with this release along with all water supply wells and surface waters within a 1,000 foot radius of the site. Samples should be analyzed for BTEX, Naphthalene, MTBE, 1,2-DCA, the 8 oxygenates, and EDB. Only wells with screens that do not bracket the water table should be purged prior to sampling.

Your contractor must complete the SSWP and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence concerning this site, please reference UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0599, by fax at (803) 898-0673, or by email at hillnl@dhec.sc.gov.

Sincerely,

Niki Hill

Niki Hill, Hydrogeologist
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Geological Resources Inc., 3502 Hayes Road, Monroe, NC 28110
Technical file

Geological Resources, Inc.

July 22, 2022



Ms. Niki Hill
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

RECEIVED
JUL 25 2022
UST DIVISION

Re: GRI Proposal No. 22-518
Site Specific Work Plan
Carolina Country Convenience
1908 Highway 601 North
Pageland, Chesterfield County
UST Permit No. 02261
GRI Project No. 3289

Dear Ms. Hill:

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. The scope of work includes a comprehensive ground water sampling event.

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: Niki Hill (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: 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: 10 days from approval Field Work Completion: 13 days from approval
Report Submittal: 60 days from approval # of Copies Provided to Property Owners: 1

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

Investigation Derived Waste Disposal
Soil: _____ Tons Purge Water: 300 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
Sample monitoring wells MW-1 through MW-35, 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: _____

NA 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

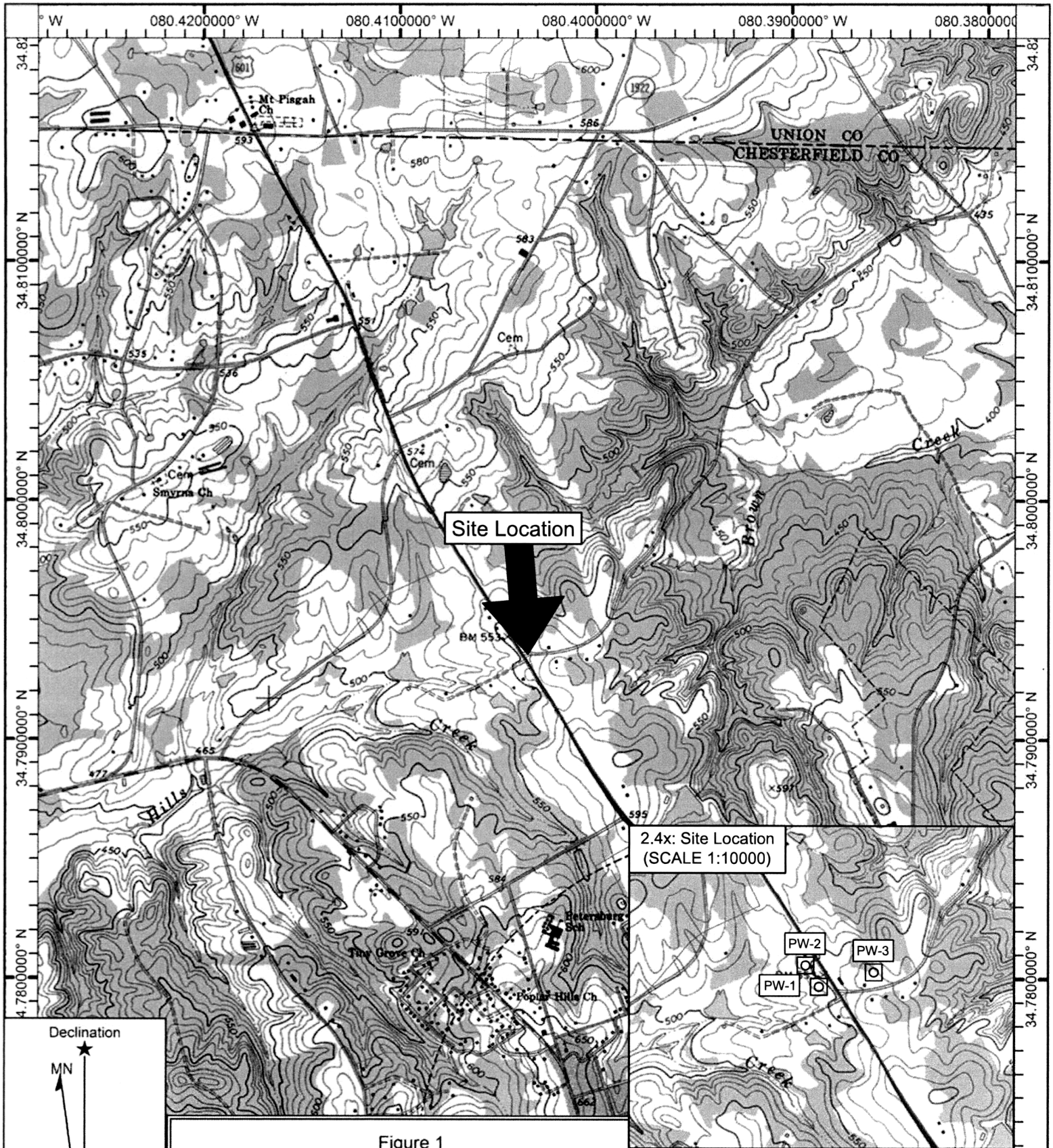


Figure 1
Carolina Country Convenience
1908 Highway 601 North
Pageland, South Carolina
UST Permit No. 02261
GRI Project No. 3289

Name: Topographic Map
Date: 04/19/16
Scale: 1 inch = 2,000 ft.

Map Center Location: 034.7940878° N 080.4035483° W

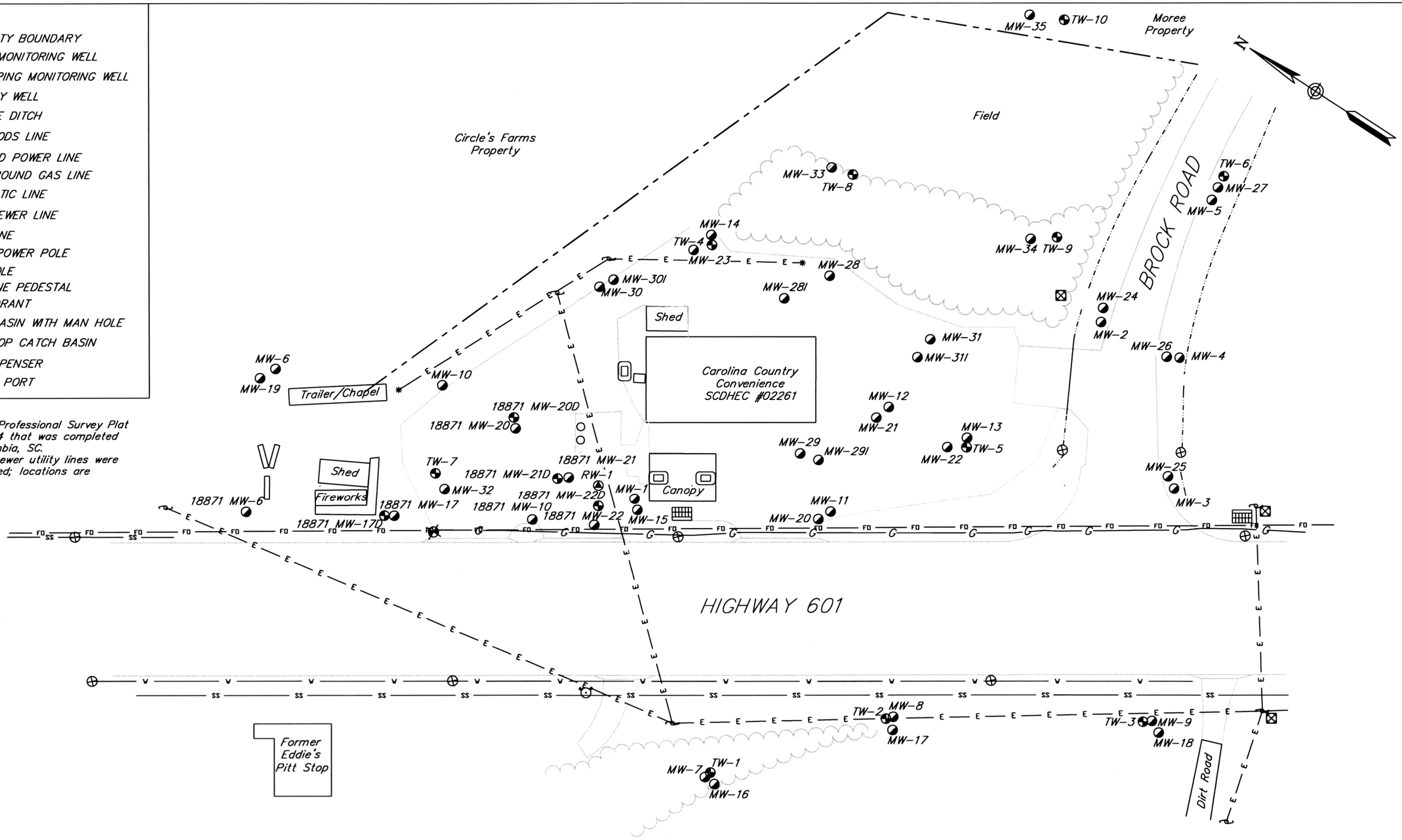
Generated by Geological Resources, Inc.


N
LEGEND
Water Supply Well
030-000-000-005
Parcel ID Number
Outline of Pond
PW-2
PW-1
030-000-000-003
030-000-000-005
030-000-000-004
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
1,000-FT RADIUS
POND
POND
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

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
July 1, 2022

Facility Name: Carolina Country Convvenience

GRI Prop. No. 22-518

UST Permit #: 02261 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. Plan Preparation					
1.1 Site-specific Work Plan	1	each	$169.65		$169.65
2.1 Tax Map		each	$79.17		$0.00
3.1 QAPP Contractor Addendum (App B)		each	$250.00		$0.00
B. Survey *					
1. Receptor Survey		each	$623.20		$0.00
C. Survey					
1.1 Comprehensive Survey		each	$1,176.26		$0.00
5. Ground Penetrating Radar Survey (100 x 100)		each	$1,029.23		$0.00
D. Mob/Demob					
1.1 Equipment		each	$1,153.64		$0.00
2.1 Personnel	3	each	$478.42		$1,435.26
3.1 Adverse Terrain Vehicle		each	$565.51		$0.00
E. Soil Borings*					
1. Soil Borings (hand auger)		foot	$5.66		$0.00
F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)*					
1.1 Standard		per foot	$16.97		$0.00
2.1 Fractured Rock		per foot	$21.84		$0.00
G.					
H. Well Abandonment (does not include Field Screening)*					
1.1 2" diameter or less		per foot	$3.51		$0.00
2.1 Greater than 2" to 6" diameter		per foot	$5.09		$0.00
3.1 Dug/Bored well (up to 6 feet diameter)		per foot	$16.96		$0.00
I. **Well Installation (In accordance with R.61-71)***					
1.1 Water Table (hand augered)		per foot	$11.99		$0.00
2.A Water Table (drill rig) 2" Diameter		per foot	$42.98		$0.00
2.1 Single-cased 2" Diameter Monitoring Well >50ft		per foot	$43.46		$0.00
3.1 Telescoping		per foot	$56.55		$0.00
4.1 Rock Drilling		per foot	$65.60		$0.00
5.1 2" Rock Coring		per foot	$34.95		$0.00
6.1 Multi-sampling ports/screens		per foot	$37.78		$0.00
7.1 Recovery Well (4" diameter)		per foot	$50.90		$0.00
9.1 Rotosonic (2" diameter)		per foot	$49.77		$0.00
10.1 Re-develop Existing Well		per foot	$12.44		$0.00
J. Groundwater Sample Collection / Gauging Depth to Water/Product *					
1.1 Groundwater Purge	49	per well	$67.86		$3,325.14
2.1 Air or Vapors		sample	$13.57		$0.00