1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) has completed a comprehensive ground water sampling at the Eddies Pitt Stop site located in Pageland, South Carolina. The purpose of this assessment was to determine the current ground water quality conditions from a reported underground storage tank (UST) release at the site. The work was performed in accordance with the South Carolina Department of Health and Environmental Control (SCDHEC) Cost Agreement #54003 dated March 3, 2017, Annual Contractor Quality Assurance Plan (ACQAP) approved February 13, 2014, and Site Specific Work Plan (SSWP) received by SCDHEC from Terracon on February 20, 2017. This report includes a description of the activities performed during this assessment, along with our current findings, conclusions and recommendations.

1.1 Site Description and History

The site is bound to the east by US Highway 601 and the Carolina Country Convenience Store (UST Permit # 02261) to the south by agricultural land; to the west by the remainder of the former Eddie's Pit Stop property; and to the north by residential land. A topographic map showing the site location is presented as Figure 1.

The site is composed of a vacant gas station. The property is owned by South Carolina Department of Transportation (SCDOT).

Carolina Country Convenience Store (UST Permit # 02261) currently operates an UST system located approximately 150 feet east from the former Eddie's UST basin across Highway 601. According to the SCDHEC database, the site has a reported release dated September 30, 2008 and a confirmed clean up date of November 6, 2008.

A water well survey was conducted as part of a previous assessment. Two irrigation or water supply wells (PW-1 and PW-2) were observed within a ½ mile radius of the site. PW-1 is an unused well on the subject site. PW-2 is used as an irrigation supply well located offsite on the adjacent residential property (Casper residence). The site and surrounding area is serviced drinking water from a municipal water supply system.

The site has been defined as the area of the former USTs, which is now located within the SCDOT right-of-way of Highway 601. The right-of-way and US Highway 601 were expanded in 2001 as part of road improvements in Chesterfield County. Eddies Pitt Stop convenience store/gas station previously operated one 750 gallon and one 2,000 gallon gasoline UST. These USTs were abandoned by removal in August 2002, and a release was reported with the UST closure in August 2002. Directives to conduct a Tier I and Tier II Assessments were issued by the SCDHEC in 2009 and 2012, respectively, which included installation of 22 shallow wells and 10 deep monitoring wells. A summary of the well construction and water level data is presented on Table

1. A site map with well locations and utilities is shown as Figure 2. The results of the previous assessments are listed below.

- Ground water was encountered at depths generally ranging from 17 to 20 feet and was observed to flow radially toward the south at a calculated rate of 13 ft/yr;
- Petroleum hydrocarbon compounds were detected above RBSLs in ground water samples collected from 14 shallow wells located in the vicinity of the USTs;
- Benzene and/or naphthalene were detected at concentrations above RBSLs in seven deep wells;
- 1,2-dichloroethane (1,2-DCA) was detected in two samples collected from an unused water supply well (PW-1) at concentrations above the laboratory reporting limits;
- The horizontal extent of the contaminants in the upper portion of the shallow aquifer downgradient from the former UST system was relatively defined by the monitoring well network;
- Elevated hydrocarbon levels were detected above RBSLs in four background monitoring wells. These detections may be associated with a potential separate release from the upgradient Carolina Convenience UST location (Permit #02261).
- Terracon recommended Aggressive Fluid Vapor Recovery (AFVR) at this site for monitoring wells MW-1, MW-2 and MW-12.

In February 2016, one 8-hour AFVR event (Event #1) was performed on monitoring and recovery wells MW-2, RW-1, and RW-2 to remove high dissolved concentrations from the shallow ground water. Approximately 477 gallons (1.24 pounds) of volatile organic compounds (VOCs) were extracted from the vadose zone, capillary fringe, and surficial aquifer as a result of this AFVR event.

In October 2016, two 96-hour AFVR events (Events #2 and #3) was performed on monitoring wells MW-5 and MW-12 to remove high dissolved concentrations from the shallow ground water. A combined total of approximately 1,051 gallons (270.2 pounds) of volatile organic compounds (VOCs) were extracted from the vadose zone, capillary fringe, and surficial aquifer as a result of these AFVR events. Free product has not previously been observed in any monitoring well since June 2009.

A ground water assessment was conducted in 2015 based on the Tier II Assessment results. The results of the previous assessment is listed below:

- Ground water was encountered at depths generally ranging from 12 to 18 feet. Ground water flow direction in the upper portion of the shallow aquifer is in a radial pattern generally toward the west and southwest;
- Approximately 0.02 ft. of free product was measured in monitoring well MW-2;

- Petroleum hydrocarbon compounds were detected above RBSLs in ground water samples collected from 7 of the 20 wells sampled. The highest petroleum hydrocarbon concentrations were detected in monitoring wells MW-1, MW-5 and MW-12, located in the area of Eddie's Pit Stop;
- Elevated hydrocarbon levels were detected above RBSLs in MW-10, MW-20, MW-21 and MW-22. The elevated levels in these monitoring wells were suspected to be associated with a separate release from the upgradient UST system release (Permit #02261);
- 1,2-DCA was detected in ground water in seven wells at concentrations above RBSLs ranging from 22.3 µg/l to 173 µg/l;
- 1,2-DCA was detected in the onsite water supply well at a concentration of 1.4 µg/l;
- EDB was detected above the RBSL in six wells at concentrations ranging from 0.32 µg/l to 5.58 µg/l;
- Petroleum oxygenates t-butanol (TBA), and tert-amyl alcohol (TAA) were detected in two monitoring wells above Action Levels (Als) established by the SCDHEC;
- The extent of impact in the lower portion of the shallow aquifer is not defined. Benzene and/or naphthalene was detected at concentrations above RBSLs in four of the ten deep wells (MW-3D, MW-15D, MW-16D and MW-18D) located north, northeast and southwest of the former USTs;
- Terracon also recommended Aggressive Fluid Vapor Recovery (AFVR) at this site to remove free product from monitoring MW-2 and reduce high dissolved concentrations observed in monitoring wells MW-1, MW-5 and MW-12, to limit further contaminant migration from the source area.

In February 2017, Terracon prepared a site specific work plan (SSWP) for sampling five monitoring wells and (MW-1, MW-4, MW-5, MW-8, and MW-12) and two recovery wells (RW-1 and RW-2), as directed by the SCDHEC. In March 2017, SCDHEC issued a directive for a Groundwater Sampling (GWS) for monitoring wells associated with the site and gauging product wells. This report includes a summary of the sampling event along with our conclusions and recommendations.

1.2 Site Geology and Hydrogeology

The site is located within the Carolina Slate Belt terrain of the Lower Piedmont physiographic province. The Carolina Slate Belt province consists of weathered low grade metamorphic rocks consisting of mixed gneiss; intermediate and felsic volcanic rocks; tuffaceous epiclastic rocks; and mafic and felsic volcanic rocks.

Surficial soils at the site included sands, silty/clayey sands, sandy silt, and saprolite. A thick sequence of low permeability clayey and silty sand was encountered beneath the site to depths ranging from approximately 15 to 30 feet across the site. Below this unit, partially weathered rock as hard clayey silt (saprolite) was encountered at depths ranging from 60 to 65 feet across the site, where air rotary was required for drilling, to the investigated depth of 98 feet.

Ground water occurs within the shallow aquifer under unconfined conditions. The depth to ground water in the study area ranged from approximately 8 to 20 feet during this assessment.

2.0 GROUND WATER SAMPLING

2.1 Setup and Methods

Water levels were recorded and ground water samples were collected on March 8, 2017. Water levels were measured in selected site monitoring wells using an electric oil/water level interface probe. Monitoring wells MW-2 and MW-3 were gauged for water levels and free product but were not sampled. A summary of the water level data is presented on Table 2. Potentiometric surface maps of the upper and lower portions of the shallow aquifer are included as Figures 5 and 5A, respectively.

Specific conductance, pH, and temperature were measured with a field calibrated YSI 1030 meter, and dissolved oxygen was recorded using an YSI 55 meter. The field parameters were recorded on Groundwater Sampling Logs. The Ground Water Sampling logs and equipment calibration logs are included in Appendix B.

Ground water samples were collected from five monitoring wells and two recovery wells as detailed in the SSWP. All seven wells were purged with a submersible pump prior to sampling, and grab samples were collected. Purge water generated during sampling was disposed of by Regulatory Solutions, Inc., Gaston, South Carolina. A copy of the disposal manifest is included in Appendix G.

Dissolved oxygen, specific conductance, pH, and temperature measurements were measured using calibrated field meters and recorded on Ground Water Sampling Logs, included in Appendix B. Samples were placed in an iced cooler and delivered along with chain of custody documentation to SGS Accutest Southeast in Orlando, Florida for analysis of the following parameters:

Analysis	Method
Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) Methyl-tert-butyl-ether (MTBE) Naphthalene 1,2-dichloroethane (1,2-DCA) 8 Oxygenates	SW-846 8260B
1,2-dibromoethane (EDB)	SW-846 8011

Ground water analytical results are included in Table 3 (Petroleum Compounds) and Table 3A (Petroleum-Related Compounds). A copy of the analytical report is included in Appendix B.

This assessment also included collection and analysis of three quality assurance (QA) samples as one duplicate sample, one field blank and one trip blank in accordance with the approved SSWP. No discrepancies were noted with these QA sample analyses. Ground Water Analytical Data (Petroleum Compounds and Petroleum Additives) is summarized in Table 3. A copy of the laboratory analytical report is included in Appendix B.

2.2 Significant Deviations

No significant deviations from the data collection activities were recorded.

2.3 Assessment Results

A summary of the ground water sampling results is provided below:

- Ground water occurs within the shallow aquifer under unconfined conditions. The depth to ground water in the study area ranges from approximately 8 feet below ground surface (bgs) to 19 feet bgs. A potentiometric surface map of the shallow aquifer, based on water level measurements obtained from site monitoring wells, is included as Figure 5. Inspection of this figure indicates ground water flow at the site is in a radial pattern generally toward the west;
- Approximately 0.03 ft. of free product was measured in monitoring well MW-2. This is an increase of approximately 0.01 ft from the previous sampling event (June 2015). Monitoring well MW-03 contained no free product;
- Petroleum hydrocarbon compounds were detected above ALs in ground water samples collected from four of the seven sampled wells located in the vicinity of the USTs;
- Petroleum additives were detected above RBSLs in ground water samples collected from two of the seven sampled wells located in the vicinity of the USTs;
- 1,2-dibromoethane (EDB) was detected in two samples collected from monitoring wells MW-4 and MW-5 at concentrations above RBSLs. Monitoring well MW-1 decreased in EDB concentration from 2.94 µg/l to 0.017 µg/l, below the RBSL. Monitoring well MW-12 did not contain EDB concentrations above RBSL, but EDB concentrations increased from less than 0.0061 µg/l to 0.031 µg/l;
- Monitoring wells MW-8 and MW-10 had the highest concentrations of contaminants above RBSLs or ALs;
- All contaminants MW-1 decreased to concentrations below RBSLs or ALs from the previous sampling event.

3.0 CONCLUSIONS AND RECOMMENDATIONS

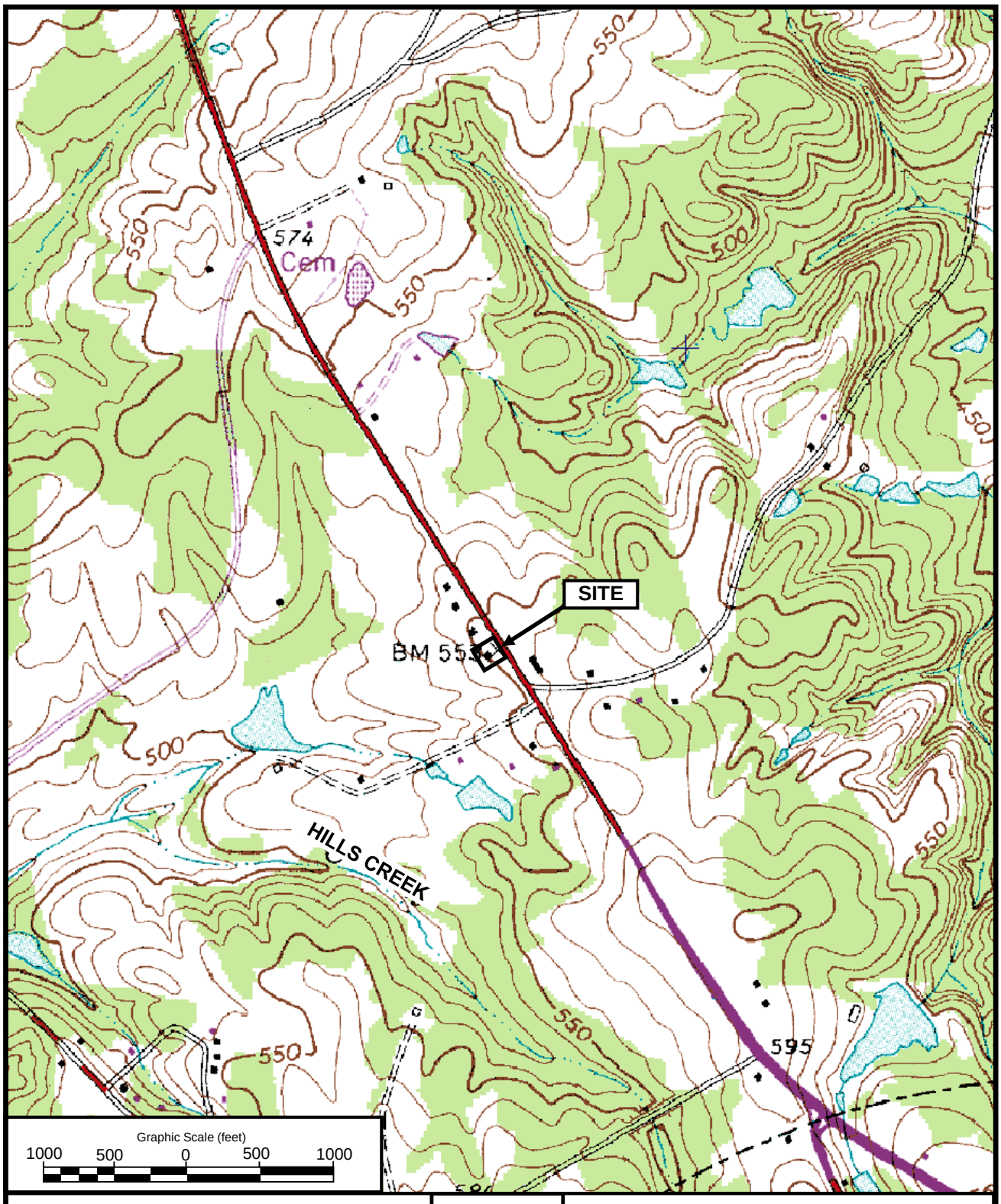
Based upon the results of our site assessment activities, the ground water beneath the site and adjacent properties have been impacted by free-phase and dissolved-phase hydrocarbons at concentrations above allowable levels. Free product was detected for a second time in monitoring well MW-2 at a thickness of 0.03 ft.

Terracon recommends Aggressive Fluid Vapor Recovery (AFVR) at this site. AFVR will remove free product from monitoring MW-2 and reduce high dissolved concentrations observed in monitoring wells MW-4, MW-5, MW-8, and MW-12, to limit further contaminant migration from the source area. Once the free product and high dissolved concentrations have been reduced, intrinsic corrective action may be an effective remedial method at this site.

Terracon also recommends initiation of quarterly ground water sampling events to assess the potential for intrinsic biodegradation of petroleum compounds at the site. Sampling unused supply well WS-1 should be included as part of the sampling program.

FIGURES

Figure 1 - Site Location Map
Figure 2 - Site Map
Figure 4 – COC Concentration Map
Figure 5 – Potentiometric Surface Map



USGS TOPOGRAPHIC QUADRANGLE MAP
PAGELAND, SOUTH CAROLINA

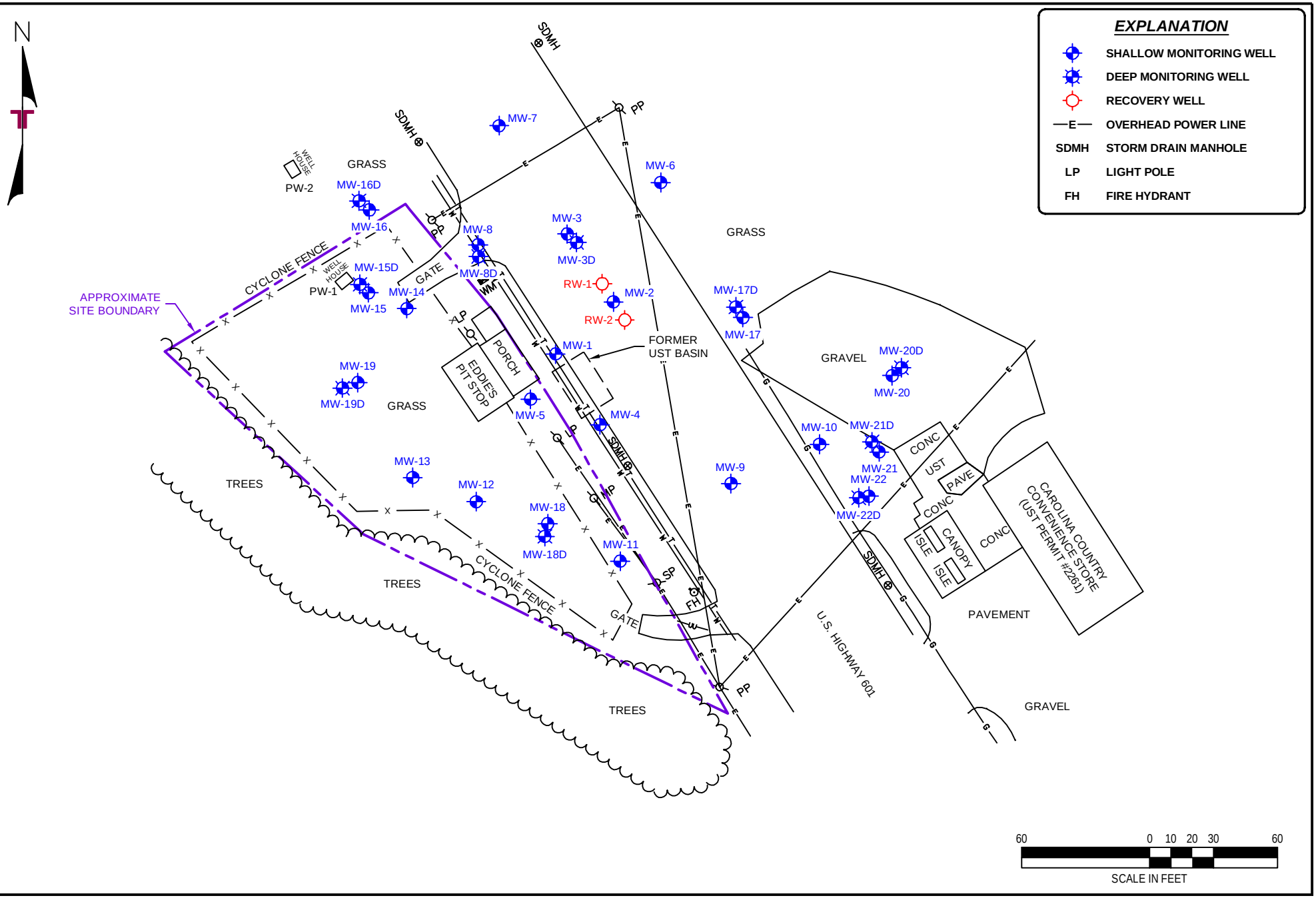
DATE: 1993
SCALE: 1 INCH = 1000 FEET
PROJECT NO. 73098106

N

Terracon

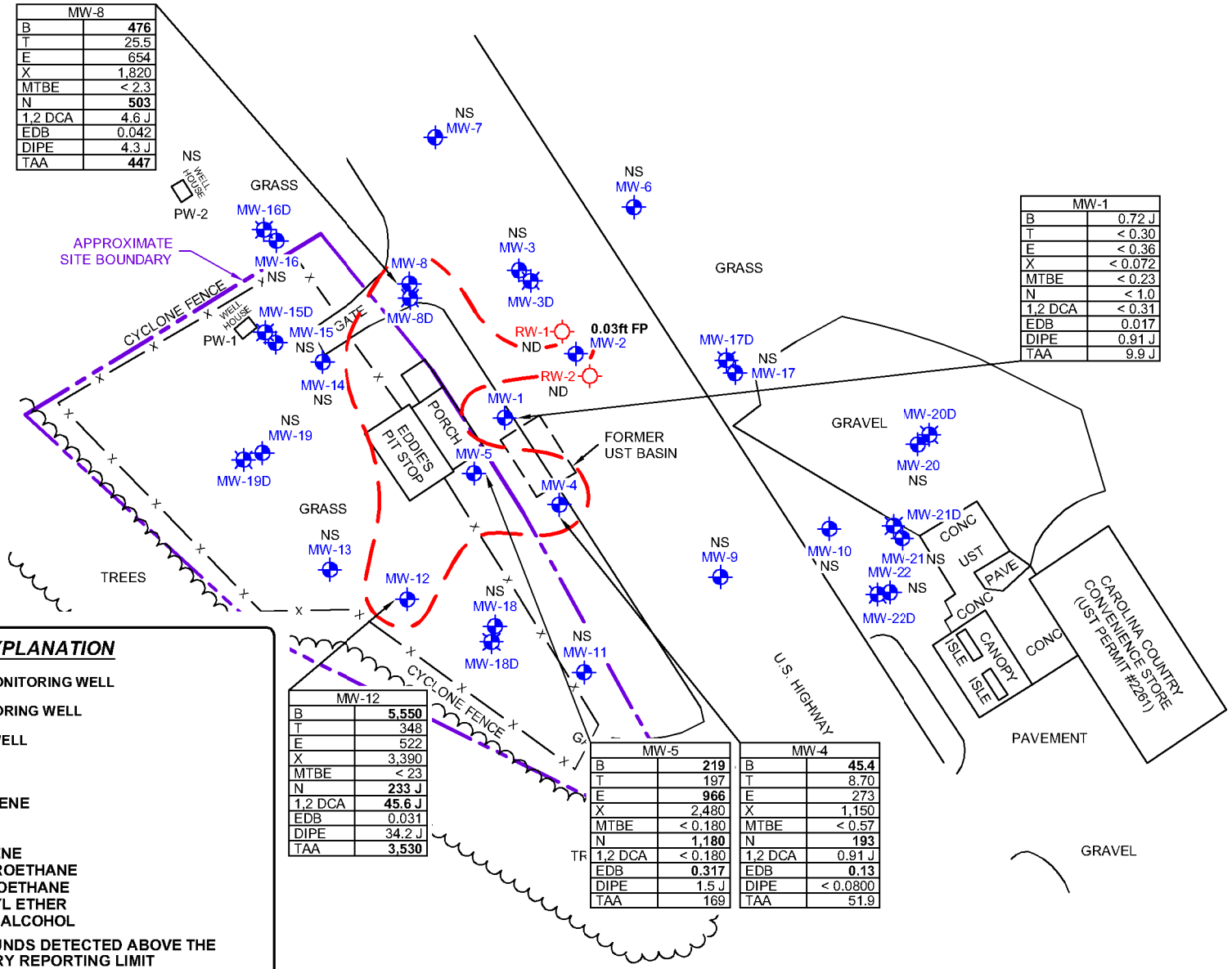
SITE LOCATION MAP
EDDIE'S PITT STOP
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA

FIGURE 1: TOPOGRAPHIC MAP



Project Mngr: RWN	Project No. 73098106	Terracon Consulting Engineers and Scientists	SITE MAP WITH UTILITIES
Drawn By: PTK	Scale: AS SHOWN	521 CLEMSON ROAD COLUMBIA, SC 29229	EDDIE'S PIT STOP - SCDOT
Checked By: RWN	File No. 73098106	PH. (803) 741-9000 FAX. (803) 741-9900	ROUTE 2, US HIGHWAY 601 NORTH
Approved By: PMH	Date: FEBRUARY 2016		PAGELAND, SOUTH CAROLINA
			UST PERMIT #18871

Figure 2



EXPLANATION

- SHALLOW MONITORING WELL
- DEEP MONITORING WELL
- RECOVERY WELL
- B — BENZENE
- T — TOLUENE
- E — ETHYLBENZENE
- X — XYLENES
- MTBE — MTBE
- N — NAPHTHALENE
- 1,2 DCA — 1,2-DICHLOROETHANE
- EDB — 1,2-DIBROMOETHANE
- DIPE — DIISOPROPYL ETHER
- TAA — TERT-AMYL ALCOHOL
- ND — NO COMPOUNDS DETECTED ABOVE THE LABORATORY REPORTING LIMIT
- 0.02ft FP — FREE PRODUCT THICKNESS IN FEET
- NS — NOT SAMPLED
- ESTIMATED EXTENT OF RBSLs EXCEEDANCE

NOTES:
1) GROUND WATER SAMPLES COLLECTED ON MARCH 8, 2017.
2) ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L)
3) CONCENTRATIONS IN BOLD EXCEED RBSLs

60 0 10 20 30 60
SCALE IN FEET

Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	MAY 2017

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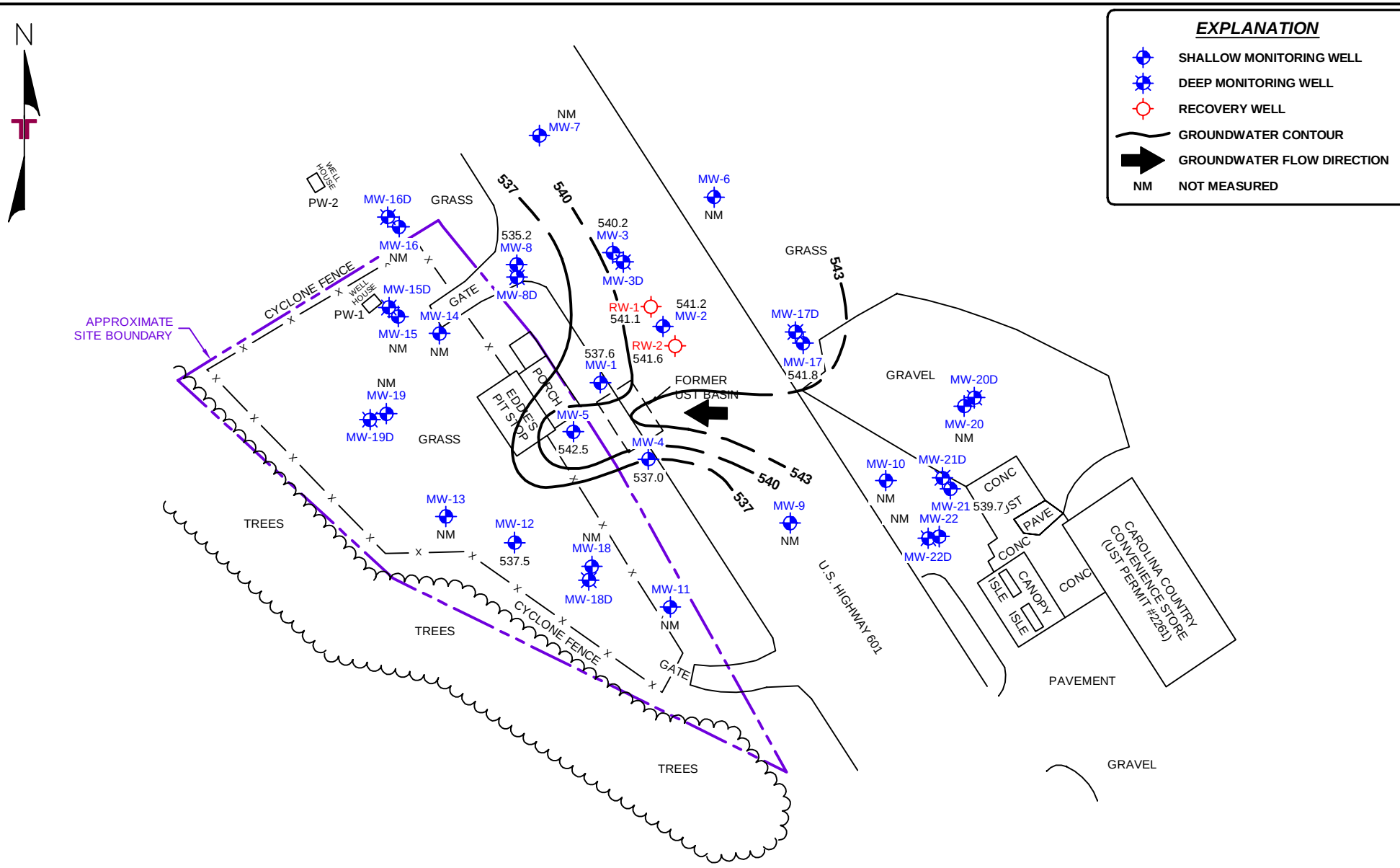
COC CONCENTRATION MAP OF THE UPPER FORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 4



NOTE:
1) GROUNDWATER ELEVATIONS WERE RECORDED ON MARCH 8, 2017.
2) MONITORING WELLS MW-1, MW-14, AND MW-22 WERE SCREENED WITHIN THE LOWER PORTION OF THE SHALLOW AQUIFER. THEREFORE THE GROUNDWATER ELEVATIONS WERE NOT USED DURING CONTOURING.
3) GROUNDWATER ELEVATIONS AT MONITORING WELLS MW-15 AND MW-16 APPEAR ANOMALOUS AND WERE NOT USED IN CONTOURING.

60 0 10 20 30 60
SCALE IN FEET

Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH

Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	MAY 2017

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POTENTIOMETRIC SURFACE MAP OF THE UPPER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 5

TABLES

Table 2 - Ground Water Elevation Data
Table 3 - Ground Water Analytical Data, Petroleum Compounds
Table 3A - Ground Water Analytical Data, Petroleum Oxygenates

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-1	05/20/03	43	33- 43	298.85	35.70	--	263.15
	05/11/09				19.35	--	279.50
	09/08/11				36.70	--	262.15
	01/06/12				34.63	--	264.22
	03/27/12				26.21	--	272.64
	04/04/12			554.13	25.80	--	528.33
	07/18/12				31.00	--	523.13
	06/08/15				18.94	--	535.19
	03/08/17				16.51	--	537.62
MW-2	05/11/09	43	28-43	298.98	17.25	--	281.73
	07/07/11				25.85	--	273.13
	08/22/11				31.82	--	267.16
	09/08/11				33.10	--	265.88
	01/06/12				31.91	--	267.07
	03/27/12				23.25	--	275.73
	04/04/12			554.18	23.65	--	530.53
	07/18/12				27.52	--	526.66
	06/08/15				14.97	0.02	539.23
	03/08/17				12.99	0.03	541.21
MW-3	05/11/09	45	30-45	298.36	19.20	--	279.16
	09/08/11				36.28	--	262.08
	01/06/12				35.45	--	262.91
	03/27/12				31.74	--	266.62
	04/04/12			553.62	28.89	--	524.73
	07/18/12				30.10	--	523.52
	06/08/15				19.29	--	534.33
	03/08/17				13.46	--	540.16

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-3D	09/08/11	60	55-60	298.51	25.19*	--	273.32
	01/05/12				35.12	--	263.39
	03/27/12				28.90	--	269.61
	04/04/12			553.74	29.48	--	524.26
	07/18/12				30.50	--	523.24
	06/08/15				19.98	--	533.76
MW-4	05/11/09	49	34-49	299.29	20.16	--	279.13
	09/08/11				37.20	--	262.09
	01/06/12				35.79	--	263.50
	03/27/12				27.85	--	271.44
	04/04/12			554.56	27.90	--	526.66
	07/18/12				32.13	--	522.43
	06/08/15				19.95	--	534.61
	03/08/17				17.52	--	537.04
MW-5	08/09/10	25	15 - 25	296.16	17.35	--	278.81
	07/07/11				23.10	--	273.06
	08/22/11				24.92	--	271.24
	09/08/11				24.91	--	271.25
	01/06/12				24.36	--	271.80
	03/27/12				20.22	--	275.94
	04/04/12			551.42	19.79	--	531.63
	07/18/12				23.46	--	527.96
	06/08/15				13.53	--	537.89
	03/08/17				8.97	--	542.45

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-6	08/23/11	35	25-35	298.58	Dry	Dry	Dry
	08/30/11				30.30	--	268.28
	09/08/11				28.45	--	270.13
	01/06/12				24.43	--	274.15
	03/27/12				19.21	--	279.37
	04/04/12			553.79	18.05	--	535.74
	07/18/12				20.90	--	532.89
	06/08/15				13.95	--	539.84
MW-7	08/25/11	35	24-34	298.18	Dry	Dry	Dry
	08/30/11				Dry	Dry	Dry
	09/08/11				33.40	--	264.78
	01/06/12				32.39	--	265.79
	03/27/12				29.95	--	268.23
	04/04/12			553.42	28.02	--	525.40
	07/18/12				25.16	--	528.26
	06/08/15				13.06	--	540.36
MW-8	08/29/11	35	25-35	297.5	Dry	Dry	Dry
	09/08/11				Dry	Dry	Dry
	01/06/12				32.85	--	264.65
	03/27/12				27.32	--	270.18
	04/04/12			552.76	27.05	--	525.71
	07/18/12				28.91	--	523.85
	06/08/15				18.33	--	534.43
	03/08/17				17.56	--	535.20

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-8D	09/08/11	60	55-60	297.35	25.35*	--	272.00
	01/05/12				34.24	--	263.11
	03/27/12				26.12	--	271.23
	04/04/12			552.53	26.07	--	526.46
	07/18/12				31.30	--	521.23
	06/08/15				18.93	--	533.60
MW-9	08/26/11	35	24-34	299.74	Dry	Dry	Dry
	08/30/11				Dry	Dry	Dry
	09/08/11				33.93	--	265.81
	01/06/12				33.60	--	266.14
	03/27/12				30.65	--	269.09
	04/04/12			554.89	29.12	--	525.77
	07/18/12				29.89	--	525.00
	06/08/15				18.96	--	535.93
MW-10	08/27/11	35	25-35	299.54	Dry	Dry	Dry
	09/08/11				34.40	--	265.14
	01/06/12				34.50	--	265.04
	03/27/12				24.57	--	274.97
	04/04/12			554.79	24.79	--	530.00
	07/18/12				28.71	--	526.08
	06/08/15				15.82	--	538.97
MW-11	01/06/12	35	19.5-34.5	293.42	32.00	--	261.42
	03/27/12				21.35	--	272.07
	04/04/12			548.76	21.50	--	527.26
	07/18/12				26.40	--	522.36
	06/08/15				12.49	--	536.27

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-12	01/06/12	35	20-35	290.46	26.05	--	264.41
	03/27/12				17.69	--	272.77
	04/04/12			545.68	21.50	--	524.18
	07/18/12				23.18	--	522.50
	06/08/15				7.47	--	538.21
	03/08/17				8.21	--	537.47
MW-13	01/06/12	35	20-35	289.98	27.90	--	262.08
	03/27/12				17.45	--	272.53
	04/04/12			545.2	16.90	--	528.30
	07/18/12				22.32	--	522.88
	06/08/15				11.81	--	533.39
MW-14	01/06/12	35	20-35	291.24	30.72	--	260.52
	03/27/12				19.34	--	271.90
	04/04/12			546.48	20.76	--	525.72
	07/18/12				22.52	--	523.96
	06/08/15				13.71	--	532.77
MW-15	04/04/12	32	17-32	545.77	25.45	--	520.32
	07/18/12				23.52	--	522.25
	06/08/15				12.88	--	532.89
MW-15D	04/04/12	60	55-60	545.89	18.11	--	527.78
	07/18/12				23.86	--	522.03
	06/08/15				14.60	--	531.29
MW-16	04/04/12	32	17-32	546.47	19.02	--	527.45
	07/18/12				24.20	--	522.27
	06/08/15				13.50	--	532.97
MW-16D	04/04/12	60	55-60	546.59	19.70	--	526.89
	07/18/12				24.47	--	522.12
	06/08/15				13.95	--	532.64

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-17	04/04/12	35	20-35	554.33	20.39	--	533.94
	07/18/12				21.53	--	532.80
	06/08/15				12.58	--	541.75
MW-17D	04/04/12	60	55-60	554.3	27.54	--	526.76
	07/18/12				31.37	--	522.93
	06/08/15				19.50	--	534.80
MW-18	04/04/12	32	17-32	546.56	19.65	--	526.91
	07/18/12				23.90	--	522.66
	06/08/15				14.38	--	532.18
MW-18D	04/04/12	60	55-60	546.27	19.17	--	527.10
	07/18/12				23.17	--	523.10
	06/08/15				12.26	--	534.01
MW-19	04/04/12	32	17.5-27.5	544.53	18.50	--	526.03
	07/18/12				22.53	--	522.00
	06/08/15				12.88	--	531.65
MW-19D	04/04/12	60	55-60	544.11	16.20	--	527.91
	07/18/12				22.41	--	521.70
	06/08/15				12.41	--	531.70
MW-20	07/18/12	35	25-35	556.55	27.02	--	529.53
	06/08/15				15.63	--	540.92
MW-20D	07/18/12	60	55-60	556.66	33.31	--	523.35
	06/08/15				18.86	--	537.80
MW-21	07/18/12	35	25-35	555.73	24.72	--	531.01
	06/08/15				16.04	--	539.69
MW-21D	07/18/12	60	55-60	555.75	32.83	--	522.92
	06/08/15				14.09	--	541.66
MW-22	07/18/12	35	25-35	555.29	31.34	--	523.95
	06/08/15				18.11	--	537.18

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-22D	07/18/12	60	55-60	554.98	32.23	--	522.75
	06/08/15				19.10	--	535.88
RW-1	06/02/16	25	10-25	553.32	12.25	--	541.07
	03/08/17				12.26	--	541.06
RW-2	06/02/16	25	10-25	553.57	10.97	--	542.60
	03/08/17				11.93	--	541.64

Notes:

1) Top of casing elevations surveyed by Terracon personnel

2) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-1	05/11/09	**3,250**	265	**1,580**	5,160	< 3.89	**841**	NA	**1.66**	12 *B*
	01/06/12	**3,020**	722	**1,080**	7,510	< 4.20	**773**	**57.5**	**2.91**	< 2.8
	04/05/12	**2,740**	378	**1,940**	9,660	< 3.36	**1,122**	**73.7**	**0.68**	< 2.8
	07/19/12	**2,520**	295	**1,280**	5,710	< 1.21	**663**	**60.9**	**0.986**	< 2.8
	06/11/15	**1,040**	148	**1,200**	4,180	< 0.180	**960**	**34.4**	**2.94**	NA
	03/08/17	0.72 J	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.017	NA
MW-2	05/11/09	**2,290**	73.6	699	2,140	< 1.94	**186**	NA	**0.385**	3.3
	01/06/12	**4,210**	262	**1,390**	6,280	< 3.36	**968**	**113**	**1.02**	< 2.8
	04/05/12	**2,740**	378	**1,940**	9,660	< 3.36	**1,120**	**73.7**	**0.682**	< 2.8
	07/17/12	**3,940**	146	**1,100**	4,250	< 1.51	**604**	**122**	**0.210**	1.1J
	06/08/15	**0.02ft. OF FREE PRODUCT**								
	03/08/17	**0.03ft. OF FREE PRODUCT**								
MW-3	05/11/09	**290**	63.5	154	217	< 0.194	**39.6**	NA	< 0.0035	**27**
	01/06/12	**138**	< 0.155	47.2	40.9	< 0.168	**105**	< 0.242	< 0.0032	< 2.8
	04/05/12	**148**	1.16	40.7	< 0.176	< 0.084	**73**	< 0.121	< 0.0029	13.0 J
	07/17/12	**91.6**	0.408J	48.9	5.71	< 0.06	**74.6**	1.26	< 0.0029	< 0.28
	06/09/15	**88.7**	< 0.140	32.7	1.98	< 0.180	**59.1**	< 0.180	< 0.00626	NA
	03/08/17	NOT SAMPLED								
MW-3D	01/05/12	**165**	< 0.388	42.3	20.1	< 0.42	**56.7**	**23.7**	< 0.0032	**65**
	04/05/12	**405**	10.7	115	83.3	< 0.42	**73**	**28**	< 0.0029	**64**
	07/17/12	**248**	4.08J	71.9	43.6	< 0.302	**51.2**	**24.3**	< 0.0029	5.3
	06/09/15	**10.1**	< 0.140	1.23	1.03	< 0.180	2.78	**13.1**	< 0.00619	NA
MW-4	05/11/09	**75.8**	< 0.082	14	200	1.16	16.7	NA	0.042	14 B
	01/06/12	**324**	< 0.155	32.6	437	< 0.168	**126**	< 0.242	0.077	< 2.8
	04/05/12	**98.3**	< 0.078	26.6	71.6	< 0.084	**94.4**	< 0.121	< 1.11	6.6 J
	07/18/12	**263**	< 0.254	83.7	361	< 0.121	**146**	4.97	0.033	< 2.8
	06/11/15	**27.2**	3.03	148	637	< 0.180	**180**	< 0.180	0.0314	NA
	03/08/17	**45.4**	8.70	273	1,150	< 0.57	**193**	0.91 J	**0.13**	NA
MW-4 Dup	06/11/15	**33.1**	3.67	146	771	< 0.180	**187**	< 0.180	0.0259	NA
	03/08/17	**45.5**	8.9	273	1,200	< 0.57	**191**	0.96 J	**0.13**	NA
MW-5	08/09/10	**166**	44.4	539	1,070	< 0.517	**307**	NA	**0.269**	3.4 B
	01/06/12	**125**	25.7	630	1,260	< 0.839	**334**	< 1.21	< 0.0032	< 2.8
	04/05/12	**93.7**	26.6	497	943	< 0.839	**242**	< 1.21	< 0.0029	< 2.8
	07/19/12	**70.6**	12.9	214	388	< 0.121	**154**	< 0.238	< 0.0029	< 2.8
	06/11/15	**141**	53.0	**966**	2,480	< 0.180	**1,180**	< 0.180	**0.317**	NA
	03/08/17	**219**	197	736	2,340	< 1.1	**414**	3.0 J	**0.47**	NA

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-6	01/06/12	< 0.049	< 0.078	< 0.18	1.37 J	< 0.084	6.42	< 0.121	< 0.0032	4.5 J
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	6.49	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	7.11	< 0.119	< 0.0029	< 2.8
	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00627	NA
MW-7	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	**22.0**
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	3.46 J	< 0.121	< 0.0029	12 J
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.0029	< 0.119	< 0.28
	06/09/15	1.01	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00612	NA
MW-8	01/06/12	**970**	31.6	262	450	< 0.839	**91.1**	< 1.21	< 0.0032	< 2.8
	04/05/12	**1,000**	86.4	828	2,420	< 1.68	**389**	**8.66 J**	< 0.0029	3.8 J
	07/19/12	**1,040**	117	962	3,060	< 0.604	**450**	**7.11 J**	< 0.0029	< 2.8
	06/12/15	**567**	25.7	689	909	< 0.180	**368**	< 0.180	0.0138	NA
	03/08/17	**476**	25.5	654	1,820	< 2.3	**503**	4.6 J	0.042	NA
MW-8D	01/05/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	5.21	1.34	< 0.0032	11.0
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	**27.0**
	07/19/12	< 0.099	< 0.127	1.48	4.59	< 0.06	5.24	< 0.119	< 0.0029	< 2.8
	06/10/15	2.65	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	2.28	< 0.00632	NA
MW-9	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	0.03
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.12	< 0.0029	< 2.8
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 0.28
	06/09/15	1.23	< 0.140	< 0.190	< 0.200	2.77	< 0.220	0.490	0.0115	NA
MW-10	01/06/12	**26.3**	< 0.078	11.4	21.8	**48.4**	5.34	< 0.121	0.015	< 2.8
	04/05/12	**2,150**	< 3.1	194	933	**259**	**263**	**57.5**	**0.268**	< 2.8
	07/18/12	**2,680**	< 3.18	148	1,150	**276**	**200**	**68.3**	**0.1**	< 2.8
	06/15/15	**1,820**	6.93	635	1,700	**200**	**382**	**48.2**	**2.13**	NA
MW-11	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	< 2.8
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	2.15 J	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00630	NA
MW-12	01/06/12	**3,140**	< 3.10	89.5	247	< 3.36	**465**	< 4.84	< 0.0032	< 2.8
	04/05/12	**2,980**	221	485	1,980	< 3.36	**204**	**33.6 J**	< 0.0029	< 2.8
	07/20/12	**5,580**	457	1,150	4,040	< 3.02	**460**	**39.4 J**	< 0.0029	< 2.8
	06/11/15	**4,540**	182	574	2,080	< 0.180	**450**	**35.0**	< 0.00610	NA
	03/08/17	**5,550**	348	522	3,390	< 23	**233 J**	**45.6 J**	0.031	NA
MW-13	01/06/12	**56**	< 0.388	< 0.9	4.56 J	< 0.42	**33.5**	10.7	< 0.0032	4.1 J
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	1.34	< 0.0029	< 2.8
	07/20/12	0.584 J	< 0.127	0.522 J	10.2	< 0.06	4.14 J	< 0.119	< 0.0029	< 2.8
	06/08/15	Not Sampled - Well Blocked								

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-14	01/06/12	**5.73**	7.77	< 0.18	< 0.123	< 0.084	5.57	1.74	< 0.0032	**25.0**
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/11/15	**20.1**	< 0.140	3.54	< 0.200	< 0.180	1.91	1.46	0.0148	NA
MW-15	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/20/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00620	NA
MW-15D	04/05/12	**5.95**	< 0.078	6.33	10.9	< 0.084	5.91	< 0.121	< 0.0029	< 2.8
	07/19/12	**9.42**	< 0.127	1.50	< 0.384	< 0.06	3.93 J	6.78	< 0.0029	< 2.8
	06/09/15	**31.7**	2.70	10.5	15.8	< 0.180	11.9	3.20	< 0.00627	NA
MW-16	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/11/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00619	NA
MW-16D	04/05/12	**15.9**	< 0.078	6.1	12.6	< 0.084	6.32	< 0.121	< 0.0029	3.8 J
	07/19/12	**7.7**	< 0.127	< 0.119	2.54 J	< 0.06	2.46 J	0.942 J	< 0.0029	< 2.8
	06/10/15	**32.9**	1.16	9.24	20.2	< 0.180	8.58	6.61	< 0.00646	NA
MW-17	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00613	NA
MW-17D	04/05/12	1.89	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	4.74	< 0.0029	< 2.8
	07/18/12	0.618 J	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.17	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	3.38	< 0.00644	NA
MW-18	04/05/12	3.73	< 0.078	19.0	21.9	< 0.084	4.01 J	< 0.121	< 0.0029	4.6 J
	07/20/12	< 0.099	< 0.127	4.8	5.5	< 0.06	4.27 J	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	1.00	1.25	< 0.180	< 0.220	< 0.180	< 0.00630	NA
MW-18D	04/05/12	**90.1**	< 0.078	< 0.18	1.17 J	< 0.084	4.46 J	**21.7**	< 0.0029	6.1 J
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	**19.4**	< 0.0029	< 2.8
	06/10/15	**27.7**	< 0.140	< 0.190	0.630	< 0.180	< 0.220	**22.1**	< 0.00634	NA
MW-19	04/05/12	4.87	< 0.078	0.328 J	1.01 J	< 0.084	< 0.175	**12.5**	< 0.0029	< 2.8
	07/20/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	**63.7**	< 0.0029	< 2.8
	06/11/15	3.61	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	**78.1**	< 0.00614	NA
MW-19D	04/05/12	3.07	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	4.87	< 0.0029	11.0 J
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.46	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	1.69	< 0.00629	NA
MW-20	07/18/12	**325**	1.77 J	53	105	35	2.56 J	**7.21**	**0.112**	< 2.8
	06/12/15	**3,500**	27.6	634	3,140	231	**252**	**48.4**	**5.58**	NA
MW-20 Dup	06/12/15	**2,010**	26.7	686	3,510	**228**	**250**	**47.5**	**5.45**	NA
MW-20D	07/18/12	**22.6**	< 0.127	1.7	8.1	25.1	1.26 J	3.43	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	30.0	< 0.220	< 0.180	< 0.00634	NA

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-21	07/18/12	**11,400**	12,100	1,170	5,840	**2,870**	294 J	**436**	**3.75**	< 2.8
	06/12/15	**4,380**	3,740	440	2,220	**833**	**141**	**173**	**2.78**	NA
MW-21D	07/18/12	**220**	473	151	785	**64.7**	**51.2**	8.19	0.017	< 2.8
	06/10/15	**1,460**	539	37.6	195	**335**	15.4	**38.9**	**0.327**	NA
MW-22	07/18/12	**262**	37.7	73.9	286	5.85	3.84 J	1.65 J	0.013	< 2.8
	06/12/15	**1,970**	56.3	307	1,760	**51.0**	**212**	**22.3**	**5.26**	NA
MW-22D	07/18/12	**1,300**	80.2	241	639	61	157	19.6	0.011	< 2.8
	06/10/15	**1,490**	76.0	296	569	**138**	**155**	**43.7**	**2.32**	NA
RW-1	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0095	NA
RW-2	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
PW-1	01/05/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	1.89	< 0.0032	NA
On-Site Supply Well	01/27/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	1.97	< 0.0029	NA
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.22	< 0.0029	NA
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	1.40	< 0.00620	NA
PW-2	01/05/12	4.64	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	NA
Casper Irrigation Well	01/27/12	1.15	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	07/17/12	0.448J	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	NA
	06/08/15	Not Sampled								
Casper Residence Municipal Water Supply	01/27/12	< 0.078	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0029	NA
Field Blank	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00631	NA
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00621	NA
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00618	NA
	06/11/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00615	NA
	06/12/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00604	NA
	03/08/17	< 0.31	< 0.31	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0095	NA
Trip Blank	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	NA	NA
	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	NA	NA

Notes:
1) Results shown in boldface type indicate concentrations which exceed the RBSL for that compound
2) µg/L - micrograms per liter or parts per billion
3) RBSL- Risk-Based Screening Level as defined by the SCDHEC RBCA Document
4) *J* - indicates an estimated value
5) *B* - indicates the result is between the Method Detection Limit and the Reporting Detection Limit
6) *NA* - Not Analyzed
7) 1,2 DCA - 1,2 Dichloroethane
8) Abbreviations:
MTBE = methyl-tert-butyl-ether
EDB = 1,2-dibromoethane
1,2 DCA - 1,2 Dichloroethane

Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-1	01/06/12	< 4090	< 55.5	< 5.25	< 1,880	< 14.5	< 52.5	**3,570**	< 108
	04/05/12	< 3,270	< 44.4	77.9J	< 1,500	< 11.6	< 42	**3,880**	< 86.4
	07/19/12	< 1640	< 22.2	32.8J	< 752	< 5.8	< 21.0	**3,520**	< 43.2
	06/11/15	< 8.00	< 0.300	15.7	980	27.5	< 0.300	**1,640**	< 1.00
	03/08/17	< 82	< 0.24	0.91 J	< 10	< 5.3	< 0.24	9.9 J	< 5.0
MW-2	01/06/12	< 3,270	< 44.4	**836 J**	< 1,500	< 11.6	< 42	**6,820**	< 86.4
	04/05/12	< 4,090	,55.5	124J	< 1,880	149J	< 52.5	**6,580**	< 108
	07/17/12	< 2,050	< 27.8	71.9J	< 940	158J	< 26.3	**6,590**	< 54
	06/08/15	**0.02ft. OF FREE PRODUCT**							
	03/08/17	**0.03ft. OF FREE PRODUCT**							
MW-3	01/06/12	< 164	< 2.22	3.40 J	< 75.2	< 0.58	< 2.1	**243**	< 4.32
	04/05/12	< 81.8	< 1.11	4.64 J	< 37.6	< 0.29	< 1.05	**254**	< 2.16
	07/17/12	< 81.8	< 1.11	1.53J	< 37.6	4.73J	< 1.05	**170**	< 2.16
	06/09/15	< 8.00	< 0.300	2.81	152	< 1.00	< 0.300	193	< 1.00
	03/08/17	NOT SAMPLED							
MW-3D	01/05/12	< 409	< 5.55	42.8	< 188	55.5	< 5.25	**2,280**	< 10.8
	04/05/12	< 409	< 5.55	< 43	< 188	< 62.1	< 5.25	**2,120**	< 10.8
	07/17/12	< 409	< 5.55	36.1	< 188	71	< 5.25	**2,340**	< 10.8
	06/09/15	< 8.00	< 0.300	13.7	81.6	< 1.00	< 0.300	**312**	< 1.00
MW-4	01/06/12	< 164	< 2.22	3.52 J	< 75.2	< 0.58	< 2.1	**691**	< 4.32
	04/05/12	< 81.8	< 1.11	2.34 J	< 37.6	8.65 J	< 1.05	**380**	< 2.16
	07/18/12	< 164	< 2.22	2.88 J	< 75.2	< 0.58	< 2.1	**463**	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	34.9	< 1.00	< 0.300	51.9	< 1.00
	03/08/17	< 200	< 0.59	< 0.60	< 25	< 13	< 0.61	54.2	< 13
MW-4 Dup	06/11/15	< 8.00	< 0.300	< 0.0800	44.9	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 200	< 0.59	< 0.60	< 25	< 13	< 0.61	56.4	< 13

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-5	01/06/12	< 818	< 11.1	< 1.05	< 376	< 2.90	< 10.5	**278**	< 21.6
	04/05/12	< 818	< 11.1	< 1.05	< 376	< 2.9	< 10.5	139 J	< 21.6
	07/19/12	< 164	< 2.22	< 0.210	< 75.2	< 0.58	< 2.10	134	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	167	< 1.00	< 0.300	106	< 1.00
	03/08/17	< 410	< 1.2	1.5 J	< 50	< 27	< 1.2	169	< 25
MW-6	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
MW-7	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
MW-8	01/06/12	< 818	< 376	25.9 J	< 11.1	< 2.90	< 10.5	**4,160**	< 21.6
	04/05/12	< 1,640	< 22.2	30.4 J	< 752	< 5.8	< 21.0	**1,360**	< 43.2
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/12/15	< 8.00	< 0.300	4.24	933	< 1.00	< 0.300	**756**	< 1.00
	03/08/17	< 820	< 2.4	4.3 J	< 100	< 53	< 2.4	**447**	< 50
MW-8D	01/05/12	< 81.8	< 1.11	2.74 J	< 37.6	< 0.29	< 1.05	21.4	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.5	18.1	< 1.00	< 0.300	193	< 1.00
MW-9	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	10.5 J	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	84.4	< 0.300	62.4	< 1.00

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-10	01/06/12	< 81.8	< 1.11	1.07 J	< 37.6	41.2	< 1.05	106	< 2.16
	04/05/12	< 3,270	< 44.4	< 4.2	< 1,500	**1,420**	< 42	**3,930**	< 86.4
	07/18/12	< 2050	< 27.8	< 2.63	< 940	1,270	< 26.3	**3,680**	< 54
	06/12/15	< 8.00	< 0.300	< 0.0800	883	**2,070**	< 0.300	**2,410**	< 1.00
MW-11	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
MW-12	01/06/12	< 3,270	< 44.4	73.4 J	< 1,500	< 11.6	< 42	**10,600**	< 86.4
	04/05/12	< 3,270	< 44.4	77.5 J	< 1,500	< 11.6	< 42	**6,010**	< 86.4
	07/20/12	< 4090	< 55.5	43.5 J	< 1880	< 14.5	< 52.5	**5,210**	< 108
	06/11/15	< 8.00	< 0.300	34.3	4,370	< 1.00	< 0.300	**5,220**	< 1.00
	03/08/17	< 8,200	< 24	34.2 J	< 1,000	< 530	< 24	**3,530**	< 500
MW-13	01/06/12	< 409	< 5.55	15.6 J	< 188	47.2 J	< 5.25	**1,710**	< 10.8
	04/05/12	< 81.8	< 1.11	1.95 J	< 37.6	< 0.29	< 1.05	106	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	Not Sampled - Well Blocked							
MW-14	01/06/12	< 81.8	< 1.11	1.79 J	< 37.6	< 0.29	< 1.05	158	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	12.7 J	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	< 0.0800	39.7	< 1.00	< 0.300	98.5	< 1.00
MW-15	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	2.87 J	< 1.05	24.3	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
MW-15D	04/05/12	< 81.8	< 1.11	2.07 J	< 37.6	10.1	< 1.05	36.7	< 2.16
	07/19/12	< 81.8	< 1.11	4.47 J	< 37.6	< 0.29	< 1.05	43.7	< 2.16
	06/09/15	< 8.00	< 0.300	1.76	47.8	< 1.00	< 0.300	78.0	< 1.00

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-16	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
MW-16D	04/05/12	< 81.8	< 1.11	1.63 J	< 37.6	< 0.29	< 1.05	49.8	< 2.16
	07/21/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.87	69.5	< 1.00	< 0.300	**285**	< 1.00
MW-17	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	8.2 J	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
MW-17D	04/05/12	< 81.8	< 1.11	3.54 J	< 37.6	< 0.29	< 1.05	8.81 J	< 2.16
	07/18/12	< 81.8	< 1.11	0.875 J	< 37.6	< 0.29	< 1.05	6.61 J	< 2.16
	06/10/15	< 8.00	< 0.300	1.67	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
MW-18	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	7.91 J	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
MW-18D	04/05/12	< 81.8	< 1.11	31.4	< 37.6	< 0.29	< 1.05	93.6	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	53.8	< 2.16
	06/10/15	< 8.00	< 0.300	23.2	14.6	< 1.00	< 0.300	64.9	< 1.00
MW-19	04/05/12	< 81.8	< 1.11	< 74.2	< 37.6	190	< 1.05	**301**	< 2.16
	07/20/12	< 81.8	< 1.11	59	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	47.0	< 1.10	73.2	< 0.300	137	< 1.00
MW-19D	04/05/12	< 81.8	< 1.11	5.71	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	5.22	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	1.22	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
MW-20	07/18/12	< 164	< 2.22	< 0.210	< 75.2	51.2	< 2.1	420	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	719	714	< 0.300	**2,570**	< 1.00
MW-20 Dup	06/12/15	< 8.00	< 0.300	< 0.0800	909	865	< 0.300	**3,040**	< 1.00
MW-20D	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	46.2	2.09 J	66	< 2.16
	06/10/15	< 8.00	< 0.300	< 0.0800	< 1.10	55.6	< 0.300	45.5	< 1.00

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-21	07/18/12	< 8180	< 3760	< 10.5	< 3760	**16,300**	< 105	**32,100**	< 216
	06/21/15	< 8.00	< 0.300	< 0.0800	2,900	**16,100**	< 0.300	**11,200**	< 1.00
MW-21D	07/18/12	< 409	< 5.55	< 0.525	< 188	179	< 5.25	**670**	< 10.8
	06/10/15	< 8.00	< 0.300	< 0.0800	1,300	**2,290**	5.21	**6,830**	< 1.00
MW-22	07/18/12	< 164	< 2.22	< 0.21	< 75.2	27.2	< 2.1	163	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	845	617	< 0.300	**2,090**	< 1.00
MW-22D	07/18/12	< 818	< 11.1	< 1.05	< 376	566	< 10.5	2,780	< 21.6
	06/10/15	< 8.00	< 0.300	< 0.0800	1,730	**2,610**	< 0.300	**5,300**	< 1.00
RW-1	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
RW-2	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
PW-1	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/15	< 8.00	< 0.300	2.21	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
PW-2	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/08/15	Not Sampled							
Field Blank	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/10/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/11/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/12/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
Trip Blank	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0

Notes:

1) Results shown in boldface type indicate detected compounds.

2) µg/L - micrograms per liter or parts per billion

3) ALs- SCDHEC Action Levels for Oxygenate Compounds, dated November 2008.

4) NE - Not Established

6) J indicates an estimated value below the laboratory reporting limit

7) 8 Oxygenates abbreviated as:

ETBE = ethyl tert-butyl ether — *TAME = t-amyl methyl ether*
TBA = t-butanol — *1,2-DCA = 1,2-dichloroethane*
TBF = tert-butyl formate — *ETBA = ethyl tert-butanol*
DIPE = diisopropyl ether — *TAA = tert-amyl alcohol*

8) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

APPENDIX B

Ground Water Sampling Logs and Laboratory Analytical Report

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0
Automated Report

Technical Report for

Terracon Consulting

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

18871

SGS Accutest Job Number: FA41914

Sampling Date: 03/08/17

Report to:

Terracon Consulting
521 Clemson Rd
Columbia, SC 29229
regan.norris@terracon.com

ATTN: Regan Norris

Total number of pages in report: 42

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

Norm Farmer
Technical Director

Client Service contact: Muna Mohammed 407-425-6700

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

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Sample Summary

Terracon Consulting

Job No: FA41914

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Project No: 18871

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA41914-1	03/08/17	00:00	DL	03/09/17	AQ	Trip Blank Water	TRIP BLANK
FA41914-2	03/08/17	09:05	DL	03/09/17	AQ	Field Blank Water	FIELD BLANK/18871
FA41914-3	03/08/17	09:50	DL	03/09/17	AQ	Ground Water	MW-12/18871
FA41914-4	03/08/17	10:35	DL	03/09/17	AQ	Ground Water	MW-4/18871
FA41914-5	03/08/17	10:40	DL	03/09/17	AQ	Ground Water	MW-4 DUP/18871
FA41914-6	03/08/17	11:25	DL	03/09/17	AQ	Ground Water	MW-5/18871
FA41914-7	03/08/17	12:10	DL	03/09/17	AQ	Ground Water	MW-1/18871
FA41914-8	03/08/17	12:55	DL	03/09/17	AQ	Ground Water	MW-8/18871
FA41914-9	03/08/17	13:55	DL	03/09/17	AQ	Ground Water	RW-1/18871
FA41914-10	03/08/17	14:40	DL	03/09/17	AQ	Ground Water	RW-2/18871

Summary of Hits

Job Number: FA41914
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 03/08/17

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA41914-1	**TRIP BLANK**					
No hits reported in this sample.						
FA41914-2	**FIELD BLANK/18871**					
No hits reported in this sample.						
FA41914-3	**MW-12/18871**					
Benzene		5550	100	31	ug/l	SW846 8260B
Toluene		348	100	30	ug/l	SW846 8260B
Ethylbenzene		522	100	36	ug/l	SW846 8260B
Xylene (total)		3390	300	72	ug/l	SW846 8260B
Naphthalene		233 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		45.6 J	100	31	ug/l	SW846 8260B
Di-Isopropyl Ether		34.2 J	100	24	ug/l	SW846 8260B
Tert-Amyl Alcohol		3530	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.031	0.019	0.0095	ug/l	SW846 8011
FA41914-4	**MW-4/18871**					
Benzene		45.4	2.5	0.78	ug/l	SW846 8260B
Toluene		8.7	2.5	0.75	ug/l	SW846 8260B
Ethylbenzene		273	10	3.6	ug/l	SW846 8260B
Xylene (total)		1150	30	7.2	ug/l	SW846 8260B
Naphthalene		193	13	2.5	ug/l	SW846 8260B
1,2-Dichloroethane		0.91 J	2.5	0.78	ug/l	SW846 8260B
Tert-Amyl Alcohol		54.2	50	13	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.13	0.019	0.0094	ug/l	SW846 8011
FA41914-5	**MW-4 DUP/18871**					
Benzene		45.5	2.5	0.78	ug/l	SW846 8260B
Toluene		8.9	2.5	0.75	ug/l	SW846 8260B
Ethylbenzene		273	10	3.6	ug/l	SW846 8260B
Xylene (total)		1200	30	7.2	ug/l	SW846 8260B
Naphthalene		191	13	2.5	ug/l	SW846 8260B
1,2-Dichloroethane		0.96 J	2.5	0.78	ug/l	SW846 8260B
Tert-Amyl Alcohol		56.4	50	13	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.13	0.019	0.0094	ug/l	SW846 8011
FA41914-6	**MW-5/18871**					
Benzene		219	5.0	1.6	ug/l	SW846 8260B

Summary of Hits

Job Number: FA41914
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 03/08/17

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Toluene	197	5.0	1.5	ug/l	SW846 8260B
Ethylbenzene	736	25	8.9	ug/l	SW846 8260B
Xylene (total)	2340	75	18	ug/l	SW846 8260B
Naphthalene	414	25	5.0	ug/l	SW846 8260B
1,2-Dichloroethane	3.0 J	5.0	1.6	ug/l	SW846 8260B
Di-Isopropyl Ether	1.5 J	5.0	1.2	ug/l	SW846 8260B
Tert-Amyl Alcohol	169	100	26	ug/l	SW846 8260B
1,2-Dibromoethane [a]	0.47	0.019	0.0096	ug/l	SW846 8011
FA41914-7 MW-1/18871					
Benzene	0.72 J	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether	0.91 J	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol	9.9 J	20	5.3	ug/l	SW846 8260B
1,2-Dibromoethane [a]	0.017 J	0.019	0.0096	ug/l	SW846 8011
FA41914-8 MW-8/18871					
Benzene	476	10	3.1	ug/l	SW846 8260B
Toluene	25.5	10	3.0	ug/l	SW846 8260B
Ethylbenzene	654	10	3.6	ug/l	SW846 8260B
Xylene (total)	1820	30	7.2	ug/l	SW846 8260B
Naphthalene	503	50	10	ug/l	SW846 8260B
1,2-Dichloroethane	4.6 J	10	3.1	ug/l	SW846 8260B
Di-Isopropyl Ether	4.3 J	10	2.4	ug/l	SW846 8260B
Tert-Amyl Alcohol	447	200	53	ug/l	SW846 8260B
1,2-Dibromoethane [a]	0.042	0.019	0.0095	ug/l	SW846 8011
FA41914-9 RW-1/18871					
No hits reported in this sample.					
FA41914-10 RW-2/18871					
No hits reported in this sample.					

(a) All hits confirmed by dual column analysis.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	FA41914-1	**Date Sampled:**	03/08/17
Matrix:	AQ - Trip Blank Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46205.D	1	03/13/17	WV	n/a	n/a	VI1293
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	FIELD BLANK/18871		
Lab Sample ID:	FA41914-2	**Date Sampled:**	03/08/17
Matrix:	AQ - Field Blank Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46206.D	1	03/13/17	WV	n/a	n/a	VI1293
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: FIELD BLANK/18871
Lab Sample ID: FA41914-2
Matrix: AQ - Field Blank Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 03/08/17
Date Received: 03/09/17
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD91742.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
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	0.0095 U	0.019	0.0095	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	MW-12/18871		
Lab Sample ID:	FA41914-3	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46207.D	100	03/13/17	WV	n/a	n/a	VI1293
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5550	100	31	ug/l	
108-88-3	Toluene	348	100	30	ug/l	
100-41-4	Ethylbenzene	522	100	36	ug/l	
1330-20-7	Xylene (total)	3390	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	23 U	100	23	ug/l	
91-20-3	Naphthalene	233	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	45.6	100	31	ug/l	J
108-20-3	Di-Isopropyl Ether	34.2	100	24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	1000 U	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	8200 U	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	24 U	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	3530	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	24 U	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	530 U	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	500 U	2000	500	ug/l	

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

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

Report of Analysis

Client Sample ID:	MW-12/18871		
Lab Sample ID:	FA41914-3	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD91743.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
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	0.031	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		63-137%

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	MW-4/18871		
Lab Sample ID:	FA41914-4	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46222.D	2.5	03/14/17	WV	n/a	n/a	VI1294
Run #2	I46208.D	10	03/13/17	WV	n/a	n/a	VI1293

	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	45.4	2.5	0.78	ug/l	
108-88-3	Toluene	8.7	2.5	0.75	ug/l	
100-41-4	Ethylbenzene	273 [a]	10	3.6	ug/l	
1330-20-7	Xylene (total)	1150 [a]	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.57 U	2.5	0.57	ug/l	
91-20-3	Naphthalene	193	13	2.5	ug/l	
107-06-2	1,2-Dichloroethane	0.91	2.5	0.78	ug/l	J
108-20-3	Di-Isopropyl Ether	0.60 U	2.5	0.60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	25 U	130	25	ug/l	
64-17-5	Ethyl Alcohol	200 U	500	200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.59 U	5.0	0.59	ug/l	
75-85-4	Tert-Amyl Alcohol	54.2	50	13	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.61 U	5.0	0.61	ug/l	
75-65-0	Tert-Butyl Alcohol	13 U	50	13	ug/l	
762-75-4	Tert-Butyl Formate [b]	13 U	50	13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	102%	79-125%
2037-26-5	Toluene-D8	98%	101%	85-112%
460-00-4	4-Bromofluorobenzene	101%	97%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits.

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

Report of Analysis

Client Sample ID:	MW-4/18871		
Lab Sample ID:	FA41914-4	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD91744.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
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	0.13	0.019	0.0094	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	MW-4 DUP/18871		
Lab Sample ID:	FA41914-5	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46223.D	2.5	03/14/17	WV	n/a	n/a	VI1294
Run #2	I46209.D	10	03/13/17	WV	n/a	n/a	VI1293

	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	45.5	2.5	0.78	ug/l	
108-88-3	Toluene	8.9	2.5	0.75	ug/l	
100-41-4	Ethylbenzene	273 [a]	10	3.6	ug/l	
1330-20-7	Xylene (total)	1200 [a]	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.57 U	2.5	0.57	ug/l	
91-20-3	Naphthalene	191	13	2.5	ug/l	
107-06-2	1,2-Dichloroethane	0.96	2.5	0.78	ug/l	J
108-20-3	Di-Isopropyl Ether	0.60 U	2.5	0.60	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	25 U	130	25	ug/l	
64-17-5	Ethyl Alcohol	200 U	500	200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.59 U	5.0	0.59	ug/l	
75-85-4	Tert-Amyl Alcohol	56.4	50	13	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.61 U	5.0	0.61	ug/l	
75-65-0	Tert-Butyl Alcohol	13 U	50	13	ug/l	
762-75-4	Tert-Butyl Formate [b]	13 U	50	13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	102%	79-125%
2037-26-5	Toluene-D8	96%	100%	85-112%
460-00-4	4-Bromofluorobenzene	97%	101%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits.

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

Report of Analysis

Client Sample ID:	MW-4 DUP/18871		
Lab Sample ID:	FA41914-5	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD91745.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
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	0.13	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	112%		63-137%

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	MW-5/18871		
Lab Sample ID:	FA41914-6	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46224.D	5	03/14/17	WV	n/a	n/a	VI1294
Run #2	I46210.D	25	03/13/17	WV	n/a	n/a	VI1293

	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	219	5.0	1.6	ug/l	
108-88-3	Toluene	197	5.0	1.5	ug/l	
100-41-4	Ethylbenzene	736 [a]	25	8.9	ug/l	
1330-20-7	Xylene (total)	2340 [a]	75	18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.1 U	5.0	1.1	ug/l	
91-20-3	Naphthalene	414	25	5.0	ug/l	
107-06-2	1,2-Dichloroethane	3.0	5.0	1.6	ug/l	J
108-20-3	Di-Isopropyl Ether	1.5	5.0	1.2	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	50 U	250	50	ug/l	
64-17-5	Ethyl Alcohol	410 U	1000	410	ug/l	
637-92-3	Ethyl Tert Butyl Ether	1.2 U	10	1.2	ug/l	
75-85-4	Tert-Amyl Alcohol	169	100	26	ug/l	
994-05-8	Tert-Amyl Methyl Ether	1.2 U	10	1.2	ug/l	
75-65-0	Tert-Butyl Alcohol	27 U	100	27	ug/l	
762-75-4	Tert-Butyl Formate [b]	25 U	100	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	99%	101%	79-125%
2037-26-5	Toluene-D8	97%	98%	85-112%
460-00-4	4-Bromofluorobenzene	99%	96%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits.

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

Report of Analysis

Client Sample ID:	MW-5/18871		
Lab Sample ID:	FA41914-6	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD91746.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
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	0.47	0.019	0.0096	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.

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

Report of Analysis

Client Sample ID:	MW-1/18871		
Lab Sample ID:	FA41914-7	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46211.D	1	03/13/17	WV	n/a	n/a	VI1293
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.72	1.0	0.31	ug/l	J
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.91	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	9.9	20	5.3	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	20	5.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	MW-1/18871		
Lab Sample ID:	FA41914-7	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD91747.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.017	0.019	0.0096	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		63-137%

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	MW-8/18871		
Lab Sample ID:	FA41914-8	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46212.D	10	03/13/17	WV	n/a	n/a	VI1293
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	476	10	3.1	ug/l	
108-88-3	Toluene	25.5	10	3.0	ug/l	
100-41-4	Ethylbenzene	654	10	3.6	ug/l	
1330-20-7	Xylene (total)	1820	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.3 U	10	2.3	ug/l	
91-20-3	Naphthalene	503	50	10	ug/l	
107-06-2	1,2-Dichloroethane	4.6	10	3.1	ug/l	J
108-20-3	Di-Isopropyl Ether	4.3	10	2.4	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	100 U	500	100	ug/l	
64-17-5	Ethyl Alcohol	820 U	2000	820	ug/l	
637-92-3	Ethyl Tert Butyl Ether	2.4 U	20	2.4	ug/l	
75-85-4	Tert-Amyl Alcohol	447	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	2.4 U	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	53 U	200	53	ug/l	
762-75-4	Tert-Butyl Formate	50 U	200	50	ug/l	

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

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

Report of Analysis

Client Sample ID:	MW-8/18871		
Lab Sample ID:	FA41914-8	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD91748.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
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	0.042	0.019	0.0095	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.

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

Report of Analysis

Client Sample ID:	RW-1/18871		
Lab Sample ID:	FA41914-9	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46213.D	1	03/13/17	WV	n/a	n/a	VI1293
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: RW-1/18871
Lab Sample ID: FA41914-9
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 03/08/17
Date Received: 03/09/17
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD91749.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
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	0.0095 U	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	RW-2/18871		
Lab Sample ID:	FA41914-10	**Date Sampled:**	03/08/17
Matrix:	AQ - Ground Water	**Date Received:**	03/09/17
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I46214.D	1	03/13/17	WV	n/a	n/a	VI1293
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: RW-2/18871
Lab Sample ID: FA41914-10
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 03/08/17
Date Received: 03/09/17
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD91752.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
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	0.0094 U	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 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

FA 41914

SGS ACCUTEST

SGS Accutest Southeast
Chain of Custody

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

SGS ACCUTEST JOB # : PAGE 1 OF 1

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Terracon
Address: 521 Clemson Rd
City: Columbia State: SC Zip: 29229
Project Contact: Regan Norris Email: regan-norris@terracon.com
Phone #: 803-741-9000
Sampler(s) Name(s) (Printed) Sampler 1: David Lescano Sampler 2:

Project Information

Project Name: Eddie's Pit Stop
Street: Route 2 Highway 601 N
City: Pageland State: SC
Project #: 18871
Fax #: 803-741-9900
Client Purchase Order #: 73098106

Analytical Information

SGS Accutest 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	BTEX, Naph, MTBE, 1,2 DCA by EPA 8260	EDB	LAB USE ONLY
1	Trip Blank															2		
2	Field Blank / 18871	3-8-17	0905	DL		5			X							3	2	
3	MW-12 / 18871	3-8-17	0950	DL	GW	5			X							3	2	
4	MW-4 / 18871	3-8-17	1035	DL	GW	5			X							3	2	
5	MW-4 DUP / 18871	3-8-17	1040	DL	GW	5			X							3	2	
6	MW-5 / 18871	3-8-17	1125	DL	GW	5			X							3	2	
7	MW-1 / 18871	3-8-17	1210	DL	GW	5			X							3	2	
8	MW-8 / 18871	3-8-17	1255	DL	GW	5			X							3	2	
9	RW-1 / 18871	3-8-17	1355	DL	GW	5			X							3	2	
10	RW-2 / 18871	3-8-17	1440	DL	GW	5			X							3	2	

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

Turnaround Time (Business days)

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

Data Deliverable Information

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

ACCUTEST
2828-C QUEEN CITY DR
CLT NC 28203

Comments / Remarks

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	3-8-17 1645	2 Fx	3 Fx		4 03/09/17 945
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: 3.0

SGS ACCUTEST - ORLANDO SAMPLE RECEIPT CONFIRMATION

SGS ACCUTEST'S JOB NUMBER: FA 41914 CLIENT: Terracon PROJECT: Eddie's Pit Stop

DATE/TIME RECEIVED: 03/09/17 945 {MM/DD/YY 24:00} NUMBER OF COOLERS RECEIVED: 1

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

AIRBILL NUMBERS: 8110 6225 6576

COOLER INFORMATION

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

TRIP BLANK INFORMATION

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

MISC. INFORMATION

NUMBER OF ENCORES ? 25-GRAM_____ 5-GRAM_____

NUMBER OF 5035 FIELD KITS ? _____

NUMBER OF LAB FILTERED METALS ? _____

TEST STRIP LOT#s pH 0-3 230315 pH 10-12 219813A OTHER (specify) _____

TEMPERATURE INFORMATION

- [ ] IR THERM ID 1 CORR. FACTOR +0.8
- [ ] OBSERVED TEMPS: 2.2
- [ ] CORRECTED TEMPS: 3.0 (USED FOR LIMS)

SAMPLE INFORMATION

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

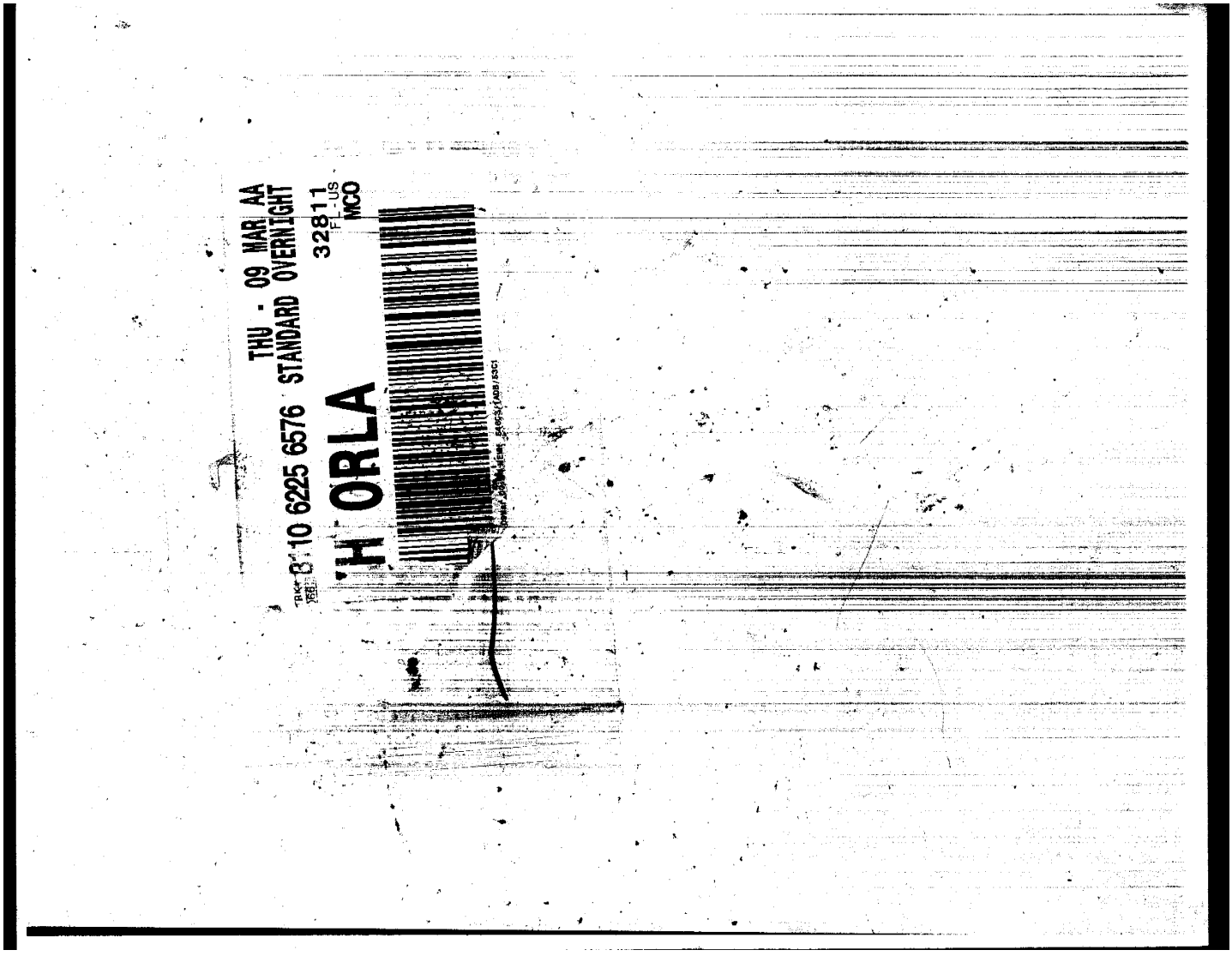
{APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE 03/10/17 REVIEWER SIGNATURE/DATE 3/10/17

NF 02/16

receipt confirmation 020116.xls



FA41914: Chain of Custody
Page 3 of 3

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1293-MB	I46191.D	1	03/13/17	WV	n/a	n/a	VI1293

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

FA41914-1, FA41914-2, FA41914-3, FA41914-4, FA41914-5, FA41914-6, FA41914-7, FA41914-8, FA41914-9, FA41914-10

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

Method Blank Summary

Job Number: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1294-MB	I46220.D	1	03/14/17	WV	n/a	n/a	VI1294

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

FA41914-4, FA41914-5, FA41914-6

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	
637-92-3	Ethyl Tert Butyl Ether	ND	2.0	0.24	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
75-85-4	Tert-Amyl Alcohol	ND	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	ND	20	5.0	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	

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

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile [a]		0	ug/l	

(a) No TICs detected.

Blank Spike Summary

Job Number: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1293-BS	I46192.D	1	03/13/17	WV	n/a	n/a	VI1293

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

FA41914-1, FA41914-2, FA41914-3, FA41914-4, FA41914-5, FA41914-6, FA41914-7, FA41914-8, FA41914-9, FA41914-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	29.5	118	81-122
107-06-2	1,2-Dichloroethane	25	25.5	102	75-125
108-20-3	Di-Isopropyl Ether	25	25.8	103	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1150	92	55-126
64-17-5	Ethyl Alcohol	500	498	100	46-145
100-41-4	Ethylbenzene	25	28.9	116	81-121
637-92-3	Ethyl Tert Butyl Ether	25	25.1	100	71-120
1634-04-4	Methyl Tert Butyl Ether	25	25.0	100	72-117
91-20-3	Naphthalene	25	25.5	102	63-132
75-85-4	Tert-Amyl Alcohol	250	252	101	65-124
994-05-8	Tert-Amyl Methyl Ether	25	25.5	102	73-122
75-65-0	Tert-Butyl Alcohol	250	218	87	63-129
762-75-4	Tert-Butyl Formate	250	309	124	46-130
108-88-3	Toluene	25	28.6	114	80-120
1330-20-7	Xylene (total)	75	84.6	113	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI1294-BS	I46219.D	1	03/14/17	WV	n/a	n/a	VI1294

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

FA41914-4, FA41914-5, FA41914-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.2	109	81-122
107-06-2	1,2-Dichloroethane	25	23.3	93	75-125
108-20-3	Di-Isopropyl Ether	25	23.5	94	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1220	98	55-126
64-17-5	Ethyl Alcohol	500	479	96	46-145
637-92-3	Ethyl Tert Butyl Ether	25	23.2	93	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.9	92	72-117
91-20-3	Naphthalene	25	23.5	94	63-132
75-85-4	Tert-Amyl Alcohol	250	230	92	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.6	94	73-122
75-65-0	Tert-Butyl Alcohol	250	206	82	63-129
762-75-4	Tert-Butyl Formate	250	349	140*	46-130
108-88-3	Toluene	25	26.1	104	80-120

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA41908-3MS	I46203.D	10	03/13/17	WV	n/a	n/a	VI1293
FA41908-3MSD	I46204.D	10	03/13/17	WV	n/a	n/a	VI1293
FA41908-3 [a]	I46195.D	10	03/13/17	WV	n/a	n/a	VI1293

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

FA41914-1, FA41914-2, FA41914-3, FA41914-4, FA41914-5, FA41914-6, FA41914-7, FA41914-8, FA41914-9, FA41914-10

CAS No.	Compound	FA41908-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	696		250	939	97	250	900	82	4	81-122/14
107-06-2	1,2-Dichloroethane	ND		250	254	102	250	232	93	9	75-125/14
108-20-3	Di-Isopropyl Ether	ND		250	263	105	250	241	96	9	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		12500	13900	111	12500	12700	102	9	55-126/17
64-17-5	Ethyl Alcohol	ND		5000	4480	90	5000	4100	82	9	46-145/30
100-41-4	Ethylbenzene	983		250	1150	67* [b]	250	1110	51* [b]	4	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		250	253	101	250	232	93	9	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		250	245	98	250	229	92	7	72-117/14
91-20-3	Naphthalene	425		250	743	127	250	704	112	5	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		2500	2730	107	2500	2460	96	10	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		250	252	101	250	233	93	8	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		2500	2160	86	2500	2010	80	7	63-129/27
762-75-4	Tert-Butyl Formate	ND		2500	3060	122	2500	3060	122	0	46-130/33
108-88-3	Toluene	37.4		250	329	117	250	303	106	8	80-120/14
1330-20-7	Xylene (total)	964		750	1720	101	750	1640	90	5	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA41908-3	Limits
1868-53-7	Dibromofluoromethane	100%	100%	99%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	100%	101%	79-125%
2037-26-5	Toluene-D8	100%	102%	98%	85-112%
460-00-4	4-Bromofluorobenzene	103%	104%	102%	83-118%

(a) Sample was not preserved to a pH < 2.
(b) 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: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA41991-3MS	I46235.D	100	03/14/17	WV	n/a	n/a	VI1294
FA41991-3MSD	I46236.D	100	03/14/17	WV	n/a	n/a	VI1294
FA41991-3	I46227.D	100	03/14/17	WV	n/a	n/a	VI1294

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

FA41914-4, FA41914-5, FA41914-6

CAS No.	Compound	FA41991-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	3370		2500	5950	103	2500	5780	96	3	81-122/14
107-06-2	1,2-Dichloroethane	ND		2500	2430	97	2500	2330	93	4	75-125/14
108-20-3	Di-Isopropyl Ether	ND		2500	2400	96	2500	2330	93	3	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		125000	112000	90	125000	107000	86	5	55-126/17
64-17-5	Ethyl Alcohol	ND		50000	52500	105	50000	51600	103	2	46-145/30
637-92-3	Ethyl Tert Butyl Ether	ND		2500	2360	94	2500	2300	92	3	71-120/14
1634-04-4	Methyl Tert Butyl Ether	65.5	J	2500	2330	91	2500	2290	89	2	72-117/14
91-20-3	Naphthalene	243	J	2500	2860	105	2500	2650	96	8	63-132/25
75-85-4	Tert-Amyl Alcohol	6700		25000	31200	98	25000	30700	96	2	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		2500	2330	93	2500	2310	92	1	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		25000	20700	83	25000	20600	82	0	63-129/27
762-75-4	Tert-Butyl Formate	ND		25000	30500	122	25000	30000	120	2	46-130/33
108-88-3	Toluene	8350		2500	10100	70* [a]	2500	10200	74* [a]	1	80-120/14

CAS No.	Surrogate Recoveries	MS	MSD	FA41991-3	Limits
1868-53-7	Dibromofluoromethane	103%	101%	97%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	101%	101%	79-125%
2037-26-5	Toluene-D8	97%	99%	103%	85-112%
460-00-4	4-Bromofluorobenzene	103%	99%	101%	83-118%

(a) Outside control limits due to high level in sample relative to spike amount.

* = 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: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64135-MB	DD91734.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702

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

FA41914-2, FA41914-3, FA41914-4, FA41914-5, FA41914-6, FA41914-7, FA41914-8, FA41914-9, FA41914-10

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	106%	63-137%

Blank Spike Summary

Job Number: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64135-BS	DD91732.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702

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

FA41914-2, FA41914-3, FA41914-4, FA41914-5, FA41914-6, FA41914-7, FA41914-8, FA41914-9, FA41914-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.27	108	72-134

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64135-BS2	DD91733.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702

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

FA41914-2, FA41914-3, FA41914-4, FA41914-5, FA41914-6, FA41914-7, FA41914-8, FA41914-9, FA41914-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.27	108	72-134

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA41914
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP64135-MS	DD91736.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
OP64135-MSD	DD91737.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702
FA41909-1	DD91735.D	1	03/13/17	AN	03/13/17	OP64135	GDD2702

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

FA41914-2, FA41914-3, FA41914-4, FA41914-5, FA41914-6, FA41914-7, FA41914-8, FA41914-9, FA41914-10

CAS No.	Compound	FA41909-1 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	0.24	0.26	108	0.24	0.24	100	8	72-134/28

CAS No.	Surrogate Recoveries	MS	MSD	FA41909-1	Limits
460-00-4	4-Bromofluorobenzene	110%	101%	113%	63-137%

* = Outside of Control Limits.

APPENDIX G

Disposal Manifest

INBOUND
02:22 PM Mar/13/2017
ID:7899
24420 lb

OUTBOUND
02:50 PM Mar/13/2017
ID:7899
24420 lb G
17800 lb PT
6620 lb N

regulatory solutions, inc.

CUSTOMER NAME: Tenaco

GENERATOR:	S+D	Eddie's	Farmer Scout 3
TRUCK/CONTAINER #:			
MANIFEST#:	246675	246676	246677
	175 gal.	7 gal.	612 gal.

WEIGHER (INITIALS): TK

794 gallons

7899

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	803-926-0089	24676

GENERATOR

5. Generator's Name and Mailing Address
SCDOT
, SC
Generator's Phone: 803-741-9000

Generator's Site Address (if different than mailing address)
SCDOT - Eddie's Pit Stop
1908 US-601,
Pageland, SC 29728

6. Transporter 1 Company Name: Terracon — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Regulatory Solutions, Inc.
40 Pascon Court
Gaston, SC 29053-
Facility's Phone: 803-926-0089 — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-RCRA, NOT DOT REGULATED MATERIAL 10471 - 1247	1	TT	7	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Brian P. Wyatt — Signature: Brian P. Wyatt — Month: 3 — Day: 13 — Year: 17

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brian P Wyatt — Signature: Brian P. Wyatt — Month: 3 — Day: 13 — Year: 17

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Amy McKenzie — Signature: Amy McKenzie — Month: 3 — Day: 13 — Year: 17

APPENDIX K

SCDHEC QAPP Contractors Checklist

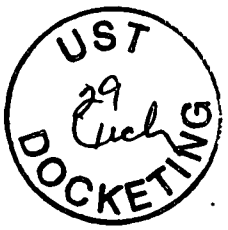
CONTRACTOR CHECKLIST

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
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.



MR MARK HUNTER
SC DEPARTMENT OF TRANSPORTATION
PO BOX 191
COLUMBIA SC 29202-0191

DEC 19 2017

Re: **Site Specific Work Plan (SSWP) Directive**
Eddies Pit Stop, RT 2 Highway 601 N., Pageland, SC
UST Permit #18871
Release Reported August 29, 2002
Chesterfield County

Mr. Hunter:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) recognizes your commitment to continue work at this site using Terracon Consultants, Inc., as your contractor. The next appropriate scope of work at the site is two Aggressive Fluid Vapor Recovery (AFVR) followed by a comprehensive groundwater sampling event.

One of the two 96-hour AFVR events will be conducted on MW-02 and the second AFVR event will be conducted on MW-21 and MW-22. The stingers shall be lowered at six inch intervals starting at the water table interface to the target depth of 24 feet. Thereafter, the stinger should be adjusted to achieve the highest vapor recovery while maintaining dewatering of the smear zone.

The groundwater sampling event will be conducted approximately 30 days after completion of the AFVR event and should be conducted in accordance with the UST Quality Assurance Program Plan (QAPP) Revision 3.1 and must be conducted in compliance with all applicable regulations. Groundwater samples should be collected from all monitoring wells and analyzed for BTEX + Naphth + MtBE, 1,2-DCA, 8 oxygenates, EDB, and Lead. A copy of the DHEC QAPP Revision 3.1 for the UST Management Division is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/.

Please have your contractor complete and submit the Site Specific Work Plan (SSWP) and Cost Proposal within thirty (30) days of 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 technical and financial preapproval from DHEC must be issued before work begins.**

On all correspondence concerning this site, please reference **UST Permit #18871.** If there are any questions concerning this project, please contact me at (803) 898-0655 or by email at hofferqm@dhec.sc.gov.

Sincerely,

Quincy Hoffer, Hydrogeologist
Corrective Action and Quality Assurance Section
UST Management Division
Bureau of Land and Waste Management

cc: Terracon Consultants, Inc, 521 Clemson Road, Columbia, SC 29229-4307
Technical File

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Quincy Hoffer (SCDHEC Project Manager)
From: Mike Hudgins (Contractor Project Manager)
Contractor: Terracon Consultants UST Contractor Certification Number: 246

Facility Name: Eddie's Pit Stop UST Permit #: 18871
Facility Address: Route 2 & Highway 601, Pageland, SC
Responsible Party: South Carolina Department of Transportation Phone: 803-737-1395
RP Address: P.O. Box 191, Columbia, SC 29202-0191
Property Owner (if different): Eric Simpson
Property Owner Address: P.O. Box 1513, Lancaster, SC 29721
Current Use of Property: Vacant gas station.

UST JAN 08 2018 DIVISION

Scope of Work (Please check all that apply)

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

DOCKETING 80 Tech UST

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	5 Field Blank
34 Monitoring Wells	____ Surface Water	3 Duplicate	2 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: _____ Estimated Footage: _____ feet per point
# of deep points proposed: _____ Estimated Footage: _____ feet per point
Field Screening Methodology: _____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: _____ Estimated Footage: _____ feet per point
# of deep wells: _____ Estimated Footage: _____ feet per point
# of recovery wells: _____ Estimated Footage: _____ feet per point
Comments, if warranted:

_____

_____

UST Permit #: 18871 Facility Name: Eddie's Pit Stop

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 7 Field Work Completion: 31
Report Submittal: 46 # of Copies Provided to Property Owners: 2

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

Investigation Derived Waste Disposal
Soil: _____ Tons Purge Water: 100 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

Due to the location of MW-2 (located in the median of Hwy 601), the requested 96 Hr. AFVR will be conducted as two 8-hr. AFVR events, to be performed in two consecutive days. The SCDOT will require will require professional traffic control for the events, and highway traffic control is only permitted between the hours of 7 a.m.- 5 p.m. The cost for 2 days of traffic control is include on line item 18 on the SCDHEC Cost Agreement page.

Following the the two 8-hr AFVR events, a 96-hr AFVR event will be performed at monitoring wells MW-21 and MW-22.

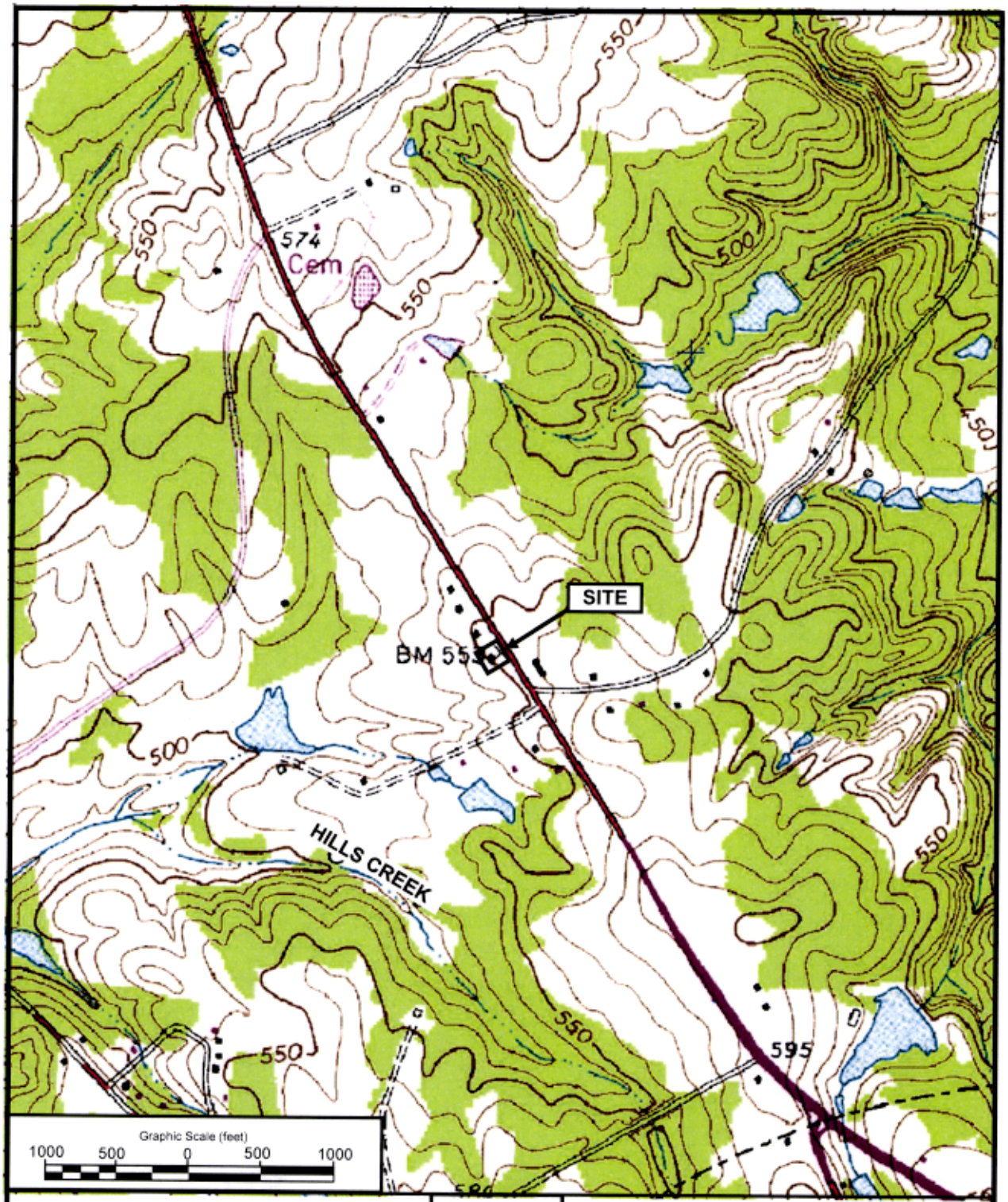
Compliance With Annual Contractor Quality Assurance Plan (ACQAP)
____ Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.
Name of Laboratory: _____
SCDHEC Certification Number: _____
Name of Laboratory Director: _____

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

____ Other variations from ACQAP. Please describe below.

A comprehensive ground water sampling event will be performed 30 days after these AFVR events. Due to the proposed locations of the monitoring wells inside of US Hwy 601 median, one day of professional traffic control will be required to sample monitoring wells: MW-2, MW-3, MW-3D, MW-7, MW-9, RW-1, and RW-2. Cost for traffic control as furnished for the last sampling event are included in the Miscellaneous line item 18 of the SCDHEC Cost Agreement. A copy of the invoice (Feb. 2016) is provided with this SSWP. All monitoring wells associated with the site will be sampled during this ground water sampling event. Monitoring wells with well screens bracketing the water table will be sampled as non-purge sample collection. Wells with screens bracketed below the water table and water supply well PW-1 will be will be purged utilizing the low-flow parametric method listed in Terracon's SOP.

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



USGS TOPOGRAPHIC QUADRANGLE MAP
PAGELAND, SOUTH CAROLINA

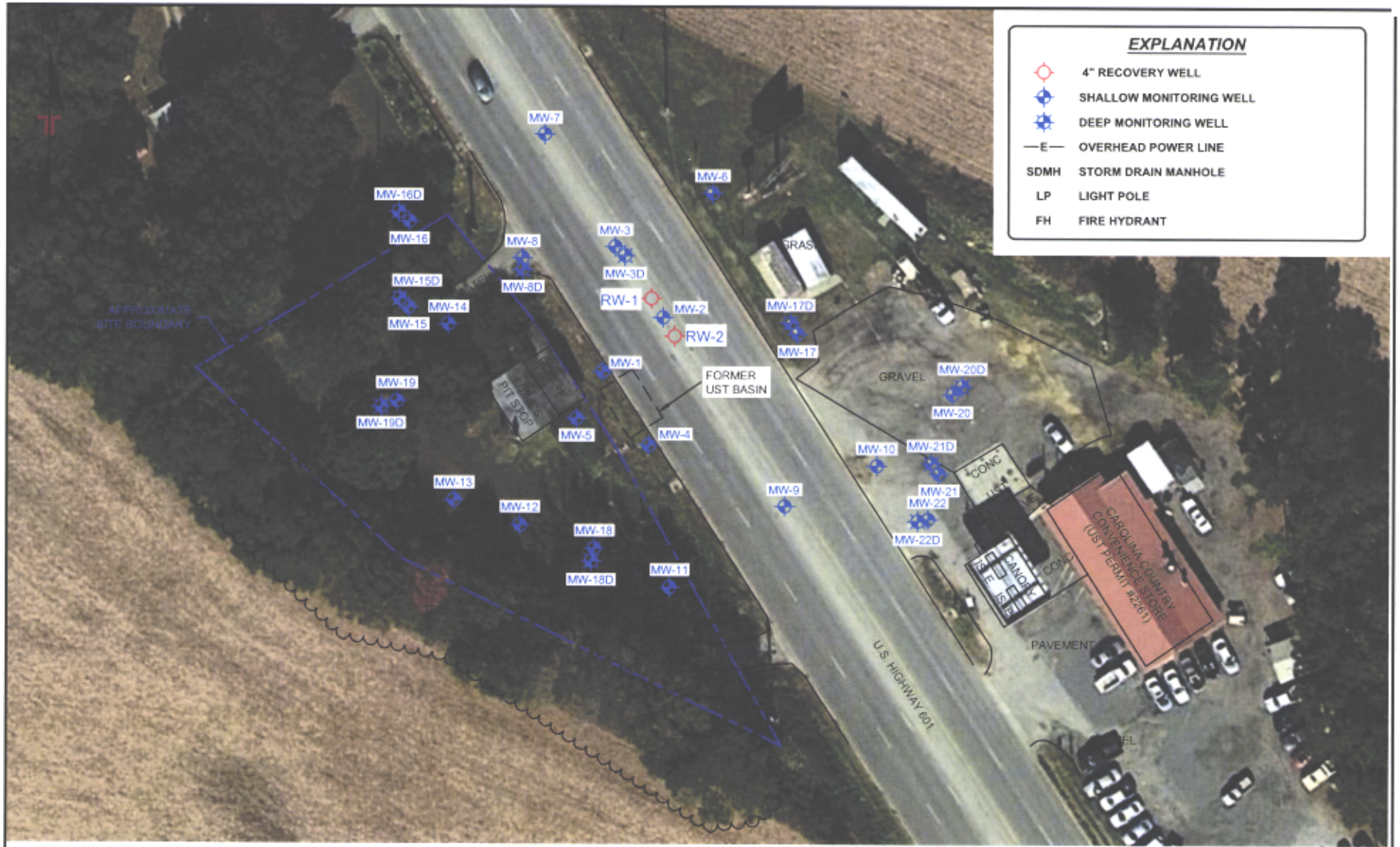
DATE: 1993
SCALE: 1 INCH = 1000 FEET
PROJECT NO. 73098106

N

Terracon

SITE LOCATION MAP
EDDIE'S PITT STOP
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA

FIGURE 1: TOPOGRAPHIC MAP



Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No:	73098106
Scale:	AS SHOWN
File No:	73098106
Date:	JULY 2015

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

SITE MAP WITH 4" RECOVERY WELL LOCATIONS

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 2

dhec
Healthy People Healthy Communities

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
August 16, 2016

Facility Name: Eddies Pit Stop

UST Permit #: 18871 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1. Plan Preparation				
A1. Site-specific Work Plan	1	each	$150.00	$150.00
B1. Tax Map		each	$70.00	$0.00
C1. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00	$0.00
2. A1. **Receptor Survey** *		each	$551.00	$0.00
3. **Survey (500 ft x 500 ft)**				
A1. Comprehensive Survey		each	$1,040.00	$0.00
B. Subsurface Geophysical Survey				
1B. < 10 meters below grade		each	$1,300.00	$0.00
2B. > 10 meters below grade		each	$2,310.00	$0.00
C1. Geophysical UST or Drum Survey		each	$910.00	$0.00
4. **Mob/Demob**				
A1. Equipment		each	$1,020.00	$0.00
B1. Personnel **Sample, Disposal**	2	each	$423.00	$846.00
C1. Adverse Terrain Vehicle		each	$500.00	$0.00
5. A1. **Soil Borings (hand auger)***		foot	$5.00	$0.00
6. **Soil Borings (requiring equipment, push technology, etc)* or Field Screening (including water sample, soil sample, soil gas sample, etc.)***				
AA. Standard		per foot	$15.00	$0.00
C1. Fractured Rock		per foot	$20.20	$0.00
7. A1. **Soil Leachability Model**		each	$60.00	$0.00
8. **Abandonment (per foot)***				
A1. 2" diameter or less		per foot	$3.10	$0.00
B1. Greater than 2" to 6" diameter		per foot	$4.50	$0.00
C1. Dug/Bored well (up to 6 feet diameter)		per foot	$15.00	$0.00
9. **Well Installation (per foot)***				
A1. Water Table (hand augered)		per foot	$10.60	$0.00
B1. Water Table (drill rig)		per foot	$38.00	$0.00
CC. Telescoping		per foot	$50.00	$0.00
DD. Rock Drilling		per foot	$58.00	$0.00
E1. 2" Rock Coring		per foot	$30.90	$0.00
G1. Rock Multi-sampling ports/screens		per foot	$33.40	$0.00
HH. Recovery Well (4" diameter)		per foot	$45.00	$0.00
II. Pushed Pre-packed screen (1.25" dia)		per foot	$15.00	$0.00
J1. Rotosonic (2" diameter)		per foot	$44.00	$0.00
K. Re-develop Existing Well		per foot	$11.00	$0.00
10. **Groundwater Sample Collection / Gauge Depth to Water or Product ***				
A1. Groundwater Purge		per well/receptor	$60.00	$0.00
B1. Air or Vapors		per receptor	$12.00	$0.00
C1. Water Supply	1	per well/receptor	$22.00	$22.00
D1. Groundwater (No Purge or Duplicate)	29	per well/receptor	$28.00	$812.00
E1. Gauge Well only		per well	$7.00	$0.00
F1. Sample Below Product		per well	$12.00	$0.00
G1. Passive Diffusion Bag		each	$26.00	$0.00
H1. Field Blank	5	each	$24.60	$123.00
I. Groundwater (low flow purge)	8	per well/receptor	$91.00	$728.00

UST
JAN 06 2016
DIVISION

Facility Name: Eddies Pit Stop

UST Permit #: 18871 **Cost Agreement #:**

11. Laboratory Analyses-Groundwater					
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	45	per sample	$122.00		$5,490.00
AA1. Lead, Filtered		per sample	$13.80		$0.00
B2. Rush EPA Method 8260B (All of item A.)		per sample	$153.60		$0.00
C2. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$36.40		$0.00
D1. PAH's		per sample	$60.60		$0.00
E1. Lead	43	per sample	$16.00		$688.00
F1. EDB by EPA 8011	43	per sample	$45.20		$1,943.60
FF1. EDB by EPA Method 8011 Rush		per sample	$68.20		$0.00
G1. 8 RCRA Metals		per sample	$63.40		$0.00
H1. TPH (9070)		per sample	$41.00		$0.00
II. pH		per sample	$5.20		$0.00
J1. BOD		per sample	$20.00		$0.00
PP. Ethanol		per sample	$14.80		$0.00
11. Analyses-Drinking Water					
L. BTEXNM+1,2 DCA (524.2); Well, Dup, Field, Trip	4	per sample	$124.05		$496.20
M. 7-OXYGENATES & ETHANOL (8260B)	4	per sample	$91.75		$367.00
N. EDB (504.1) Well, Dup, Field	3	per sample	$79.50		$238.50
O. RCRA METALS (200.8)		per sample	$100.00		$0.00
11. Analyses-Soil					
Q1. BTEX + Naphth.		per sample	$64.00		$0.00
R1. PAH's		per sample	$64.04		$0.00
S1. 8 RCRA Metals		per sample	$56.40		$0.00
U1. TPH-DRO (3550C/8015C)		per sample	$40.00		$0.00
V1. TPH- GRO (5030B/8015C)		per sample	$35.96		$0.00
W1. Grain size/hydrometer		per sample	$104.00		$0.00
X1. Total Organic Carbon		per sample	$30.60		$0.00
11. Analyses-Air					
Y1. BTEX + Naphthalene		per sample	$216.00		$0.00
11. Analyses-Free Phase Product					
Z1. Hydrocarbon Fuel Identification		per sample	$357.00		$0.00
12. Aquifer Characterization					
A1. Pumping Test*		per hour	$23.00		$0.00
B1. Slug Test*		per test	$191.00		$0.00
C1. Fractured Rock		per test	$100.00		$0.00
13. A1. Free Product Recovery Rate Test*		each	$38.00		$0.00
14. Fate/Transport Modeling					
A1. Mathematical Model		each	$100.00		$0.00
B1. Computer Model		each	$100.00		$0.00
15. Risk Evaluation					
A. Tier I Risk Evaluation		each	$300.00		$0.00
B1. Tier II Risk Evaluation		each	$100.00		$0.00
16. A1. Subsequent Survey*		each	$260.00		$0.00
17. Disposal (gallons or tons)*					
AA. Wastewater	100	gallon	$0.56		$56.00
BB. Free Product		gallon	$0.50		$0.00
C1. Soil Treatment/Disposal		ton	$60.00		$0.00
D1. Drilling fluids		gallon	$0.42		$0.00

UST JAN 08 2018 DIVISION

Facility Name: Eddies Pit Stop					
UST Permit #: 18871		Cost Agreement #:			
18. **Miscellaneous (attach receipts)**					
Traffic Control - 3 days	3	each	$2,250.00		$6,750.00
8 Hour AFVR events: 2 days		each	$0.00		$0.00
Ground Water Sampling: 1 day		each	$0.00		$0.00
20. **Tier I Assessment (Use DHEC 3665 form)**		standard			$0.00
21. **IGWA (Use DHEC 3666 form)**		standard			$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
23. **Aggressive Fluid & Vapor Recovery (AFVR)**					
A1. 8-hour Event*	2	each	$1,375.00		$2,750.00
AA. 24-hour Event*		each	$3,825.00		$0.00
A3. 48-hour Event*		each	$6,265.00		$0.00
A4. 96-hour Event*	1	each	$12,567.50		$12,567.50
C1. Off-gas Treatment 8 hour		per event	$122.50		$0.00
C2. Off-gas Treatment 24 hour		per event	$241.50		$0.00
C3. Off-gas Treatment 48 hour		per event	$327.00		$0.00
C4. Off-gas Treatment 96 hour		per event	$780.00		$0.00
D. Site Reconnaissance	1	each	$203.25		$203.25
E1. Additional Hook-ups		each	$25.75		$0.00
F1. Effluent Disposal	30,000	gallon	$0.44		$13,200.00
G. AFVR Mobilization/Demobilization	2	each	$391.50		$783.00
24. **Granulated Activated Carbon (GAC) filter system installation & service:**					
A1. New GAC System Installation*		each	$1,900.00		$0.00
BB. Refurbished GAC Sys. Install*		each	$900.00		$0.00
C1. Filter replacement/removal*		each	$350.00		$0.00
DD. GAC System removal, cleaning, & refurbishment*		each	$275.00		$0.00
E1. GAC System housing*		each	$250.00		$0.00
F. In-line particulate filter		each	$150.00		$0.00
G1. Additional piping & fittings		foot	$1.50		$0.00
25. **Well Repair**					
A1. Additional Copies of the Report Delivered		each	$50.00		$0.00
B1. Repair 2x2 MW pad*		each	$50.00		$0.00
C1. Repair 4x4 MW pad*		each	$88.00		$0.00
D1. Repair well vault*		each	$118.00		$0.00
F1. Replace well cover bolts		each	$2.60		$0.00
G. Replace locking well cap & lock		each	$15.00		$0.00
H1. Replace/Repair stick-up*		each	$134.00		$0.00
I1. Convert Flush-mount to Stick-up*		each	$150.00		$0.00
J1. Convert Stick-up to Flush-mount*		each	$130.00		$0.00
K1. Replace missing/illegible well ID plate		each	$12.00		$0.00
Report Prep & Project Coordination	12%	percent	$48,214.05		$5,785.69
TOTAL					$53,999.74

UST
JAN 18 2018
DIVISION

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

STAY ALERT SAFETY SERVICES INC

P.O. Box 467, Kernersville, NC 27285-0467

"Work Zone Traffic Control Products and Services"

Telephone (336) 993-2828
FAX (336) 993-6929

Invoice

Bill To

Terracon Consultants
521 Clemson Rd.
Columbia, SC
29229

Date
2/8/16
Invoice #
74399

UST
JAN 0 8 2018
DIVISION

P.O. Number	Payment Terms	Due Date
	NET 30 Days	3/9/16

Quantity	Item Code	Description	Price Each	Amount
1	SVC SC	Lane Closure 2-2-16	2,250.00	2,250.00
		Job Info: Hwy 601 Pageland, SC		
		Sales Tax	8.00%	0.00

RECEIVED
MAR - 3 2016

Unless a signed subcontract exist between Stay Alert and it's customer, pay when paid is not applicable. Invoices are payable in full upon receipt. A service charge of 1.5 percent per month, along with collection costs, and reasonable attorney fees will be added to the principal amount of invoices after thirty days from the date of their receipt and until collected. By using a check for payment, you agree to the following terms: In the event your check is dishonored or returned for any reason, you authorize us to electronically (or by paper draft) re-present the check to your bank account for collection of the amount of the check plus any applicable fees as permitted by state law.

Total $2,250.00

dhec
Healthy People Healthy Communities

UST 31 DOCKETING

MR MARK HUNTER
SC DEPARTMENT OF TRANSPORTATION
PO BOX 191
COLUMBIA SC 29202-0191

FEB 05 2018

Re: **AFVR and Groundwater Sampling Directive**
Eddie's Pit Stop, RT. 2 Hwy. 601 N., Pageland, SC
UST Permit #18871; CA#56169
Release Reported August 29, 2002
Site Specific Work Plan Received January 8, 2018
Chesterfield County

Dear Mr. Hunter

The Underground Storage Tank (UST) Management Division (Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced Site-Specific Work Plan submitted on your behalf by Terracon Consultants, Inc. This scope of work will include Aggressive Fluid & Vapor Recovery (AFVR) events to remove residual free-phase product and reduce dissolved Chemicals of Concern (CoC), and comprehensive groundwater sampling to evaluate current site conditions. All work should be conducted in accordance with Terracon Consultants AQAPP and must be conducted in compliance with all applicable regulations.

The AFVR events should begin immediately upon receipt of this letter followed by a comprehensive groundwater sampling event 30 days after the conclusion of the AFVR events. Cost agreement # 56169 has been approved for the amount shown on the enclosed cost agreement form. Please note the following changes to the cost agreement and SSWP:

- Item 11 E1 – 43 Laboratory analyses for Lead have been removed from the cost agreement.
- Item 23 A4- 1 96-hour AFVR Event has been removed from the cost agreement
- Item 23 C1 – 2 Off-gas Treatment 8-Hours have been added to the cost agreement.

AFVR activities at the site should begin immediately upon receipt of this letter. **Cost agreement #56169** has been approved for the amount shown on the enclosed cost agreement form for two 8hour AFVR events conducted two consecutive days, followed by comprehensive groundwater sampling. The two 8-hour AFVR events should be conducted on MW-2. The stinger shall be lowered at six inch intervals starting at the water table interface to the estimated historical low water table elevation for each well. Stingers should be placed as to maximize FP and/or vapor recovery. Approximately 30 days after the AFVR event has been completed, plan to conduct comprehensive groundwater sampling for BTEX, Naphthalene, Oxygenates, 1,2-DCA, MTBE, and EDB. Sampling and analyses should be conducted in accordance with Appendix E of the QAPP, Rev. 3.1, and to include duplicate samples, field and trip blanks.

The AFVR & Monitoring Report and invoice are due within 75 days from the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the AQAPP. 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.

Terracon Consultants, Inc. can submit an invoice for direct payment from State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved. Please note that applicable South Carolina certification requirements regarding the services and report preparation must be satisfied. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be allowed unless prior approval from DHEC is obtained. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by DHEC for the cost to be paid. 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, UST Management reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note; if unnecessary dilutions are completed resulting in reporting limits of individual Chemicals of Concern in excess of Risk-Based Screening Levels (RBSLs), the data cannot be used. In those cases, the Division may deny payment for any non-detect analysis where the reporting limit exceeds the RBSL. The UST Management Division encourages the use of 'J' values as necessary so the appropriate action can be determined for a release.

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

On all correspondence regarding this site, please reference **UST Permit #18871**and **CA #56169**. If you have any questions regarding this correspondence, please contact me by telephone at (803) 898-0655 or by e-mail at hofferqm@dhec.sc.gov.

Sincerely,

Quincy Hoffer, Hydrogeologist
Corrective Action and Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: Terracon Consultants Inc., 521 Clemson Road, Columbia, SC 29223 (w/ enc)
Technical File (w/ enc)

Approved Cost Agreement 56169

Facility. 18871 EDDIES PIT STOP
HOFFERQM
PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
01 PLAN					
		A1 SITE SPECIFIC WORK PLAN	1.0000	$150.000	150.00
04 MOB/DEMOB					
		B1 PERSONNEL	2.0000	$423.000	846.00
10 SAMPLE COLLECTION					
		C1 WATER SUPPLY	1.0000	$22 000	22.00
		D1 GROUNDWATER NO PURGE/DUPLICATE	29.0000	$28.000	812.00
		H1 FIELD BLANK	5.0000	$24.600	123.00
		I GROUNDWATER (LOW FLOW PURGE)	8 0000	$91.000	728.00
11 ANALYSES					
	GW GROUNDWATER	A2 BTEXNM+OXYGS+1,2-DCA+ETH-8260B	45 0000	$122.000	5,490.00
		F1 EDB BY 8011	43.0000	$45.200	1,943 60
	WATER DRINKING WATER	L BTEXNM+1,2 DCA (524 2)	4.0000	$124.050	496.20
		M 7-OXYGENATES & ETHANOL (8260B)	4.0000	$91.750	367.00
		N EDB (504.1)	3.0000	$79.500	238.50
17 DISPOSAL					
		AA WASTEWATER	100.0000	$0.560	56.00
18 MISCELLANEOUS					
		TRAFFIC CONTROL	3.0000	$2,250 000	6,750.00
19 RPT/PROJECT MNGT & COORDINATIO					
		PRT REPORT PREPARATION	0.1200	$35,000 300	4,200.04
23 EFR					
		A1 8 HOUR EVENT	2.0000	$1,375.000	2,750.00
		C1 OFF GAS TREATMENT 8 HOUR	2.0000	$122.500	245.00
		F1 EFFLUENT DISPOSAL	30,000.0000	$0.440	13,200 00
		G AFVR EQUIPMENT MOB	2.0000	$391.500	783.00
			Total Amount		39,200.34

UST
JUL 27 2018
PROGRAM

LETTER OF TRANSMITTAL

UST
37
DOCKETING

Terracon
521 Clemson Rd.
Columbia, SC 29229
803-741-9000 / 803-741-9900 fax

TO Read S. Miner

SCDHEC
Bureau of Land and Waste Management

UST Program
2600 Bull St.

Columbia, SC 29201

DATE 7/26/18	JOB NO 73098106
RE: Eddie's Pit Stop AFVR/ GWS Report	
UST Permit # 18871	

WE ARE SENDING YOU **X** Attached 9 Under separate cover via _____ the following items:

COPIES	DATE	DESCRIPTION
1	7/26/18	Report of AFVR and Ground Water Sampling (CD + Hard Copy)

THESE ARE TRANSMITTED as checked below:

9 For approval
9 For your use
9 As requested
9 For review and comment
9 Approved as submitted
9 Approved as noted
9 Returned for corrections
9 Resubmit ___ copies for approval
9 Submit ___ copies for distribution
9 Return ___ corrected prints

REMARKS:

Enclosed is the report for the above referenced site. Please feel free to call me if you have any questions.

COPY TO: Tim Hunter / SCDOT (e-mail)

SIGNED: **Mike Hudgins**

If enclosures are not as noted, kindly notify us at once

LETTER OF TRANSMITTAL

Terracon

521 Clemson Rd.
Columbia, SC 29229
803-741-9000 / 803-741-9900 fax

TO Read S. Miner

SCDHEC
Bureau of Land and Waste Management

UST Program
2600 Bull St.

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REMARKS:

Enclosed is the report for the above referenced site. Please feel free to call me if you have any questions.

COPY TO: Tim Hunter / SCDOT (e-mail)

SIGNED: **Mike Hudgins**

If enclosures are not as noted, kindly notify us at once.

Ground Water Assessment Report

Eddies Pitt Stop
Route 2, US Highway 601 North
Pageland, South Carolina

UST PERMIT # 18871

July 26, 2018
Terracon Project No. 73098106

Prepared for:
South Carolina Department of Transportation
P.O. Box 191
Columbia, South Carolina 29202

Prepared by:
Terracon Consultants, Inc.
Columbia, South Carolina

Offices Nationwide Established in 1965
Employee-Owned terracon.com
Terracon
Geotechnical ■ Environmental ■ Construction Materials ■ Facilities

Terracon

July 26, 2018

Mr. Quincy Hoffer
South Carolina Department of Health
and Environmental Control
Bureau of Land and Waste Management
UST Program
2600 Bull Street
Columbia, South Carolina 29201

Re: ***Report of AFVR and Ground Water Assessment***
Eddies Pitt Stop
Route 2, US Highway 601 North, Pageland, South Carolina
UST Permit # 18871; CA # 56169
Terracon Project No. 73098106

Dear Mr. Hoffer:

On behalf of the South Carolina Department of Transportation, **Terracon Consultants, Inc.** is pleased to submit this Ground Water Assessment Report for the Eddies Pitt Stop in Pageland, South Carolina. This report summarizes the results of the assessment activities and our conclusions and recommendations.

If you have any questions regarding the contents of this report, or if you need additional information, please contact us at (803) 741-9000.

Sincerely,

Terracon Consultants, Inc.
UST Contractor Certification No. 246

Regan W. Norris
Project Environmental Scientist

P. Michael Hudgins, P.G.
Senior Hydrogeologist
S.C. Registration No. 1137

P. MICHAEL HUDGINS REGISTERED NO. 1137 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

Attachment

cc: Tim Hunter/SCDOT

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SECTION **PAGE NO.**

Cover Letter

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A AFVR Field Data Sheets
B Ground Water Sampling Logs and Laboratory Analytical Report
G Waste Disposal Manifest
K SCDHEC QAPP Contractors Checklist

Note: *Figure 3, Table 1, and select Appendices were omitted intentionally to adhere to the reporting format as required by the QAPP.*

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) has completed a comprehensive ground water sampling at the Eddies Pitt Stop site located in Pageland, South Carolina. The purpose of this assessment was to determine the current ground water quality conditions from a reported underground storage tank (UST) release at the site. The work was performed in accordance with the South Carolina Department of Health and Environmental Control (SCDHEC) Cost Agreement #56169 dated February 5, 2018, Terracon's Annual Contractor Quality Assurance Plan (ACQAP), and Site Specific Work Plan (SSWP) received by SCDHEC from Terracon on January 8, 2018. This report includes a description of the activities performed during this assessment, along with our current findings, conclusions and recommendations.

1.1 Site Description and History

The site is bound to the east by US Highway 601 and the Carolina Country Convenience Store (UST Permit # 02261) to the south by agricultural land; to the west by the remainder of the former Eddie's Pit Stop property; and to the north by residential land. A topographic map showing the site location is presented as Figure 1.

The site is composed of a vacant gas station. The property is owned by South Carolina Department of Transportation (SCDOT).

Carolina Country Convenience Store (UST Permit # 02261) currently operates an UST system located approximately 150 feet east from the former Eddie's UST basin across Highway 601. According to the SCDHEC database, the site has a reported release dated September 30, 2008 and a confirmed clean up date of November 6, 2008.

A water well survey was conducted as part of a previous assessment. Two irrigation or water supply wells (PW-1 and PW-2) were observed within a ½ mile radius of the site. PW-1 is an unused well on the subject site. PW-2 is used as an irrigation supply well located offsite on the adjacent residential property (Casper residence). The site and surrounding area is serviced drinking water from a municipal water supply system.

The site has been defined as the area of the former USTs, which is now located within the SCDOT right-of-way of Highway 601. The right-of-way and US Highway 601 were expanded in 2001 as part of road improvements in Chesterfield County. Eddies Pitt Stop convenience store/gas station previously operated one 750 gallon and one 2,000 gallon gasoline UST. These USTs were abandoned by removal in August 2002, and a release was reported with the UST closure in August 2002. Directives to conduct a Tier I and Tier II Assessments were issued by the SCDHEC in 2009 and 2012, respectively, which included installation of 22 shallow wells and 10 deep monitoring wells. A summary of the well construction and water level data is presented on Table

1. A site map with well locations and utilities is shown as Figure 2. The results of the previous assessments are listed below.

- Ground water was encountered at depths generally ranging from 17 to 20 feet and was observed to flow radially toward the south at a calculated rate of 13 ft/yr;
- Petroleum hydrocarbon compounds were detected above RBSLs in ground water samples collected from 14 shallow wells located in the vicinity of the USTs;
- Benzene and/or naphthalene were detected at concentrations above RBSLs in seven deep wells;
- 1,2-dichloroethane (1,2-DCA) was detected in two samples collected from an unused water supply well (PW-1) at concentrations above the laboratory reporting limits;
- The horizontal extent of the contaminants in the upper portion of the shallow aquifer downgradient from the former UST system was relatively defined by the monitoring well network;
- Elevated hydrocarbon levels were detected above RBSLs in four background monitoring wells. These detections may be associated with a potential separate release from the upgradient Carolina Convenience UST location (Permit #02261).

In February 2016, one 8-hour AFVR event (Event #1) was performed on monitoring and recovery wells MW-2, RW-1, and RW-2 to remove high dissolved concentrations from the shallow ground water. Approximately 477 gallons (1.24 pounds) of volatile organic compounds (VOCs) were extracted from the vadose zone, capillary fringe, and surficial aquifer as a result of this AFVR event.

In October 2016, two 96-hour AFVR events (Events #2 and #3) were performed on monitoring wells MW-5 and MW-12 to remove high dissolved concentrations from the shallow ground water. A combined total of approximately 1,051 gallons (270.2 pounds) of volatile organic compounds (VOCs) were extracted from the vadose zone, capillary fringe, and surficial aquifer as a result of these AFVR events. Free product has not previously been observed in any monitoring well since June 2009.

Additional ground water assessment was conducted in 2015 based on the observed results. The results of the assessment is listed below:

- Approximately 0.02 ft. of free product was measured in monitoring well MW-2;
- Petroleum hydrocarbon compounds were detected above RBSLs in ground water samples collected from 7 of the 20 wells sampled. The highest petroleum hydrocarbon concentrations were detected in monitoring wells MW-1, MW-5 and MW-12, located in the area of Eddie's Pit Stop;
- Elevated hydrocarbon levels were detected above RBSLs in MW-10, MW-20, MW-21 and MW-22. The elevated levels in these monitoring wells were suspected to be associated with a separate release from the upgradient UST system release (Permit #02261);

- The extent of impact in the lower portion of the shallow aquifer is not defined. Benzene and/or naphthalene was detected at concentrations above RBSLs in four of the ten deep wells (MW-3D, MW-15D, MW-16D and MW-18D) located north, northeast and southwest of the former USTs;

In February 2018, the SCDHEC issued a directive for two 8-hour Aggressive Fluid and Vapor Recovery (AFVR) events on monitoring well MW-2 and comprehensive ground water sampling (GWS) for monitoring wells associated with the site. This report includes a summary of the sampling event along with our conclusions and recommendations.

1.2 Site Geology and Hydrogeology

The site is located within the Carolina Slate Belt terrain of the Lower Piedmont physiographic province. The Carolina Slate Belt province consists of weathered low grade metamorphic rocks consisting of mixed gneiss; intermediate and felsic volcanic rocks; tuffaceous epiclastic rocks; and mafic and felsic volcanic rocks.

Surficial soils at the site included sands, silty/clayey sands, sandy silt, and saprolite. A thick sequence of low permeability clayey and silty sand was encountered beneath the site to depths ranging from approximately 15 to 30 feet across the site. Below this unit, partially weathered rock as hard clayey silt (saprolite) was encountered at depths ranging from 60 to 65 feet across the site, where air rotary was required for drilling, to the investigated depth of 98 feet.

Ground water occurs within the shallow aquifer under unconfined conditions. The depth to ground water in the study area ranged from approximately 9.5 to 21.2 feet during this assessment.

2.0 AGGRESSIVE FLUID VAPOR RECOVERY

2.1 AFVR Setup and Methods

Aggressive Fluid Vapor Recovery (AFVR) was utilized to extract free-phase and dissolved-phase hydrocarbons from the upper portion of the shallow aquifer at the site. AFVR is a proven remediation method that utilizes high vacuum pressures and flow rates to remove multiple phase (vapor, dissolved, and free phase) VOCs from the subsurface. Figure 2 is a site map showing monitoring well locations.

The AFVR event was performed using trailer-mounted vacuum extraction rig equipped with a rotary claw pump and an air-water separator unit. Prior to system start up, the trailer mounted unit was properly grounded to the land surface with a copper grounding rod, and connected to the

trailer by a metal ground lead, thus reducing the potential for static electricity to cause an explosion hazard.

One-inch diameter PVC stinger tubes were set approximately six-inches into the water table. The tubes were adjusted during the event according to the historical low water levels recorded in the wells. Adjustments were made thereafter to minimize water production and maximize product recovery and contaminant mass removal from the vadose zone/water table interface. Stinger depths are listed on the AFVR Field Data Sheets, included in Appendix A.

Vacuum pressures were monitored at select monitoring wells during the event, and were adjusted to optimize the flow to the system. System readings were recorded for off-gas concentrations, flow measurements, and vacuum pressure throughout the event.

System off-gassing measurements were conducted every half-hour for the duration of the event. Off-gas concentrations were recorded with a Bacharach TLV Sniffer, and the off -gas velocity was measured using an anemometer at the system exhaust stack. The concentrations were recorded on the AFVR Field Data Sheet, included in Appendix A. A summary of the AFVR events is provided below.

2.2 AFVR Results

8-hour AFVR Event #4
March 20, 2018
Monitoring Well MW-2

No free product was detected in monitoring well MW-2 prior to the start of the AFVR. Stingers were initially set just below the ground water table and lowered to maximize product or vapor recovery.

VOC concentrations measured during extraction were recorded at 75 parts per million (PPM) at the start of the event, increasing from an average of 25 ppm, dropping to below 10 ppm for the remainder of the event. These VOC concentrations resulted removal of approximately 0.08 pounds of volatile organic compounds (0.014 gallons) during AFVR Event #4.

Ground water measurements were recorded at the extraction and observation monitoring wells every two hours during the AFVR event to monitor ground water drawdown in the upper portion of the shallow aquifer. Observation wells located closest to the nearest extraction well exhibited groundwater drawdowns ranging from 0.03 feet (MW-4) to 0.15 feet (MW-3). The ground water drawdown measurements are included in Appendix A.

Differential pressures (vacuum) measurements recorded with a digital magnehelic gauge at monitoring wells MW-1, MW-3 and MW-4 indicated that the zone of influence did not extend to

the closest observation wells located 25 feet away from the extraction well. The vacuum radius of influence was recorded on the AFVR Field Data Sheet, included in Appendix A.

Approximately 35 gallons of groundwater were extracted during Event #4. This groundwater was transported to and disposed by Regulatory Solutions, LLC. in Gaston, South Carolina. The disposal manifest for the extracted ground water generated are included in Appendix G.

8-hour AFVR Event #4A
April 13, 2018
Monitoring Well MW-2

No free product was detected in monitoring well MW-2 prior to the start of the AFVR. Stingers were initially set just below the ground water table and lowered to maximize product or vapor recovery.

VOC concentrations measured during extraction averaged 20 ppm at the start of the event, dropping to below 10 ppm for the remainder of the event. These VOC concentrations resulted removal of approximately 0.03 pounds of volatile organic compounds (0.0057 gallons) during AFVR Event #4A.

Ground water measurements were recorded at the extraction and observation monitoring wells every two hours during the AFVR event to monitor ground water drawdown in the upper portion of the shallow aquifer. Observation wells located closest to the nearest extraction well exhibited groundwater drawdowns ranging from 0.01 feet in monitoring well MW-17 and RW-2. The ground water drawdown measurements are included in Appendix A.

Differential pressures (vacuum) measurements recorded with a digital magnehelic gauge at monitoring wells MW-1, MW-3 and MW-4 indicated that the zone of influence did not extend to the closest observation wells located 25 feet away from the extraction well. The vacuum radius of influence was recorded on the AFVR Field Data Sheet, included in Appendix A.

Approximately 40 gallons of groundwater were extracted during Event #4A. This groundwater was transported to and disposed by Regulatory Solutions, LLC. in Gaston, South Carolina. The disposal manifest for the extracted ground water generated are included in Appendix G.

3.0 GROUND WATER SAMPLING

3.1 Setup and Methods

Water levels were recorded on May 21, 2018. Water levels were measured in selected site monitoring wells using an electric oil/water level interface probe. A summary of the water level

data is presented on Table 2. Potentiometric surface maps of the upper and lower portions of the shallow aquifer are included as Figures 5 and 5A, respectively.

Specific conductance, pH, dissolved oxygen, and temperature were measured with a field calibrated Hanna HI 9829 meter. The field parameters were recorded on Groundwater Sampling Logs. The Ground Water Sampling logs and equipment calibration logs are included in Appendix B.

Ground water samples were collected on May 21-22, 2018 from 31 monitoring wells, two recovery wells, and one water supply well (PW-1), as detailed in the SSWP. As most of the water levels were above the well screen, all wells were purged prior to sampling except MW-5 (insufficient water) and the two recovery wells (bracketing). 22 wells were sampled using disposable polyethylene bailers dedicated to each well, 11 wells were sampled using a low-flow peristaltic pump, and one well was sampled using a submersible pump. Purge water generated during sampling was disposed of by Regulatory Solutions, Inc., Gaston, South Carolina. A copy of the disposal manifest is included in Appendix G.

Dissolved oxygen, specific conductance, pH, and temperature measurements were measured using calibrated field meters and recorded on Ground Water Sampling Logs, included in Appendix B. Samples were placed in an iced cooler and delivered along with chain of custody documentation to SGS Accutest Southeast in Orlando, Florida for analysis of the following parameters:

Analysis	Method
Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) Methyl-tert-butyl-ether (MTBE) Naphthalene 1,2-dichloroethane (1,2-DCA) 8 Oxygenates	SW-846 8260B
1,2-dibromoethane (EDB)	SW-846 8011

Ground water analytical results are included in Table 3 (Petroleum Compounds) and Table 3A (Petroleum-Related Compounds). A copy of the analytical report is included in Appendix B.

This assessment also included collection and analysis of nine quality assurance (QA) samples as three duplicate samples, three field blanks and three trip blanks in accordance with the approved SSWP. No discrepancies were noted with these QA sample analyses. Ground Water Analytical Data (Petroleum Compounds and Petroleum Additives) is summarized in Table 3. A copy of the laboratory analytical report is included in Appendix B.

3.2 Significant Deviations

Monitoring well MW-21 was paved over and was unable to be accessed. Monitoring well MW-5 contained insufficient waster to sample the water quality parameters. No other significant deviations from the data collection activities were recorded.

3.3 Assessment Results

A summary of the ground water sampling results is provided below:

- Ground water occurs within the shallow aquifer under unconfined conditions. The depth to ground water in the study area ranges from approximately 9.5 feet below ground surface (bgs) to 21.2 feet bgs. A potentiometric surface map of the shallow aquifer, based on water level measurements obtained from site monitoring wells, is included as Figure 5. Inspection of this figure indicates ground water flow at the site is in a radial pattern generally toward the west;

- No free product was measured in monitoring well MW-2. This is a decrease of approximately 0.03 ft from the previous sampling event (March 2017), likely due to the AFVR Events 4 and 4A. Free product was also not detected at any of the other monitoring wells on site;

- Concentrations detected in offsite and downgradient of the source area were below detection limits, indicating the ground water plume is defined downgradient from the USTs. A COC concentration map of the upper portion of the shallow aquifer is included as Figure 4.

- The extent of impact in the lower portion of the shallow aquifer is not defined at the upgradient release (Permit #02261). Benzene and/or naphthalene was detected at concentrations above RBSLs in deep wells MW-21D and 22D on the adjacent property.

- No compounds were detected in deep wells MW-18D and MW-19D. A benzene/naphthalene concentration map of the lower portion of the shallow aquifer is included as Figure 4D.

- 1,2 DCA was detected in the sample collected from an unused water supply well (PW-1) at concentrations above the laboratory reporting limits. These detections may represent the leading edge of the dissolved plume extending toward this well in the deep portion of the shallow aquifer. Irrigation well PW-2 should be reactivated or otherwise made available for sample collection.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Terracon recommends Aggressive Fluid Vapor Recovery (AFVR) at this site. AFVR will reduce high dissolved concentrations observed in monitoring wells MW-1, MW-4, MW-5, MW-8, and MW-12, to limit further contaminant migration from the source area. Once the free product and high dissolved concentrations have been reduced, intrinsic corrective action may be an effective remedial method at this site.

Terracon recommends a comprehensive groundwater sampling event as the next scope of work at this site. If high dissolved-phase hydrocarbons persist, additional 96-hour AFVR events are suggested to further reduce contaminant concentrations in the source area. Once the high concentrations of dissolved contaminants are reduced, this site may a candidate for monitored natural attenuation.

FIGURES

Figure 1 Site Location Map

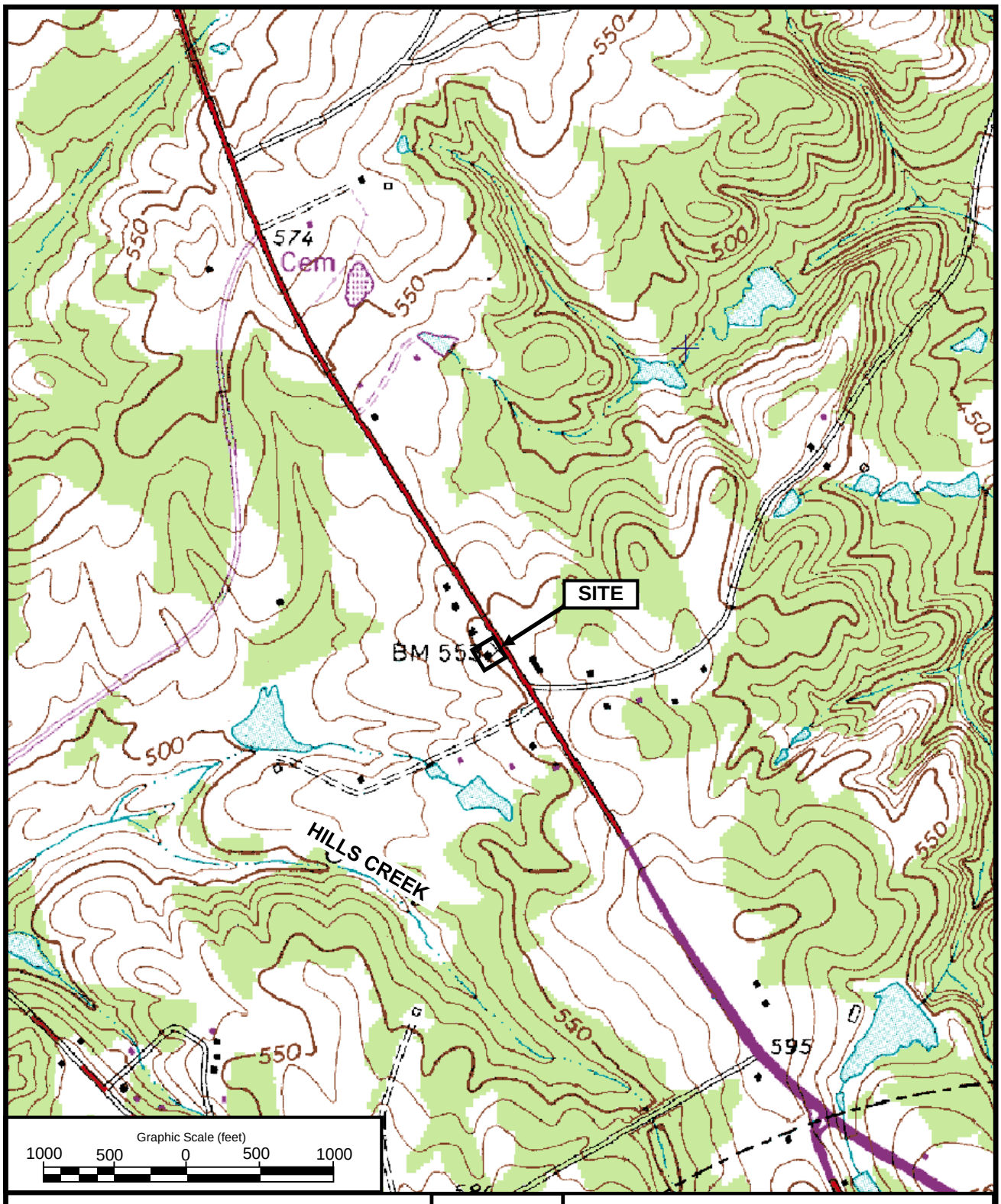
Figure 2 Site Map with Utilities

Figure 4 COC Concentration Map of the Upper Portion of the Shallow Aquifer

Figure 4A COC Concentration Map of the Lower Portion of the Shallow Aquifer

Figure 5 Potentiometric Surface Map of the Upper Portion of the Shallow Aquifer

Figure 5A Potentiometric Surface Map of the Lower Portion of the Shallow Aquifer



USGS TOPOGRAPHIC QUADRANGLE MAP
PAGELAND, SOUTH CAROLINA

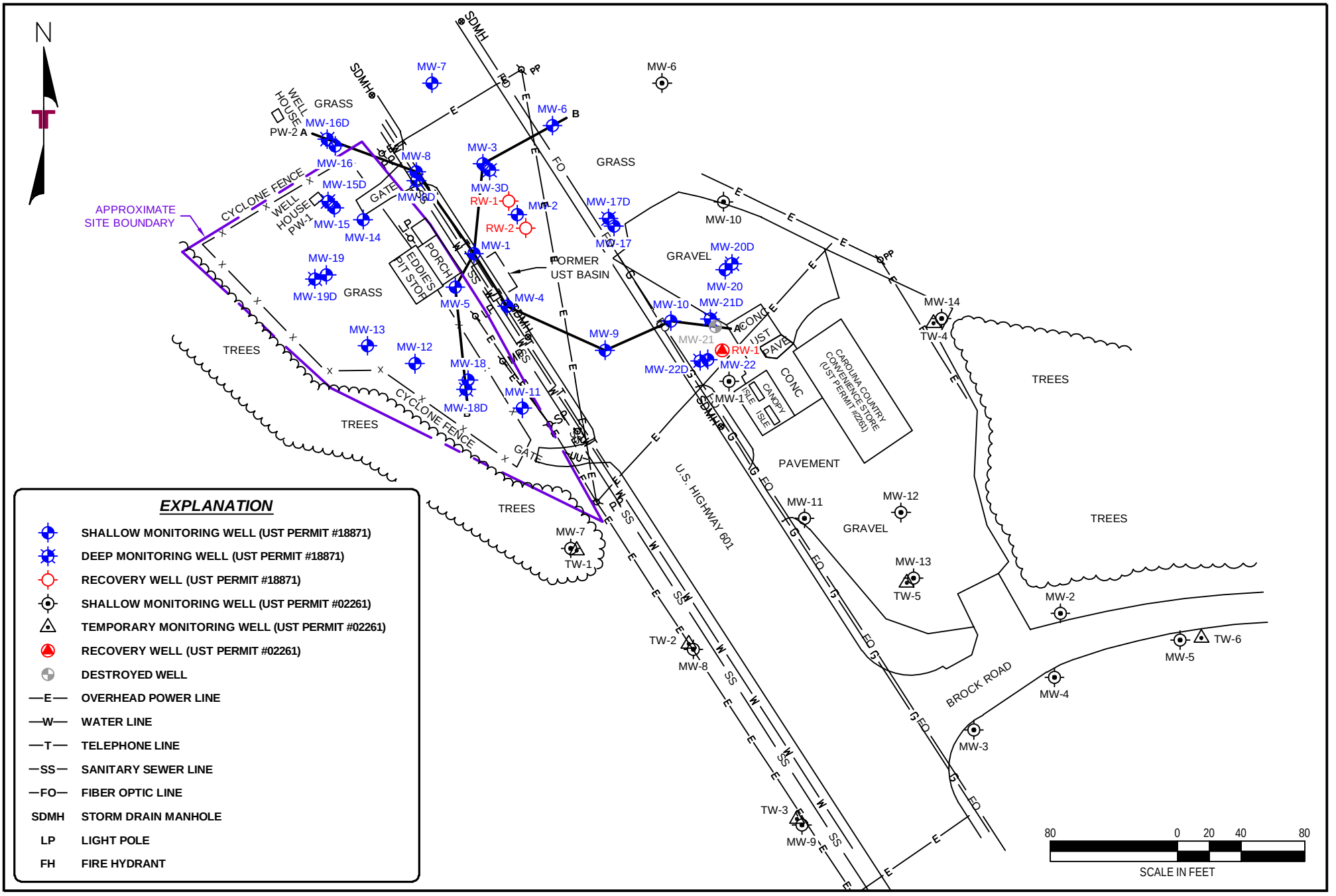
DATE: 1993
SCALE: 1 INCH = 1000 FEET
PROJECT NO. 73098106

N

Terracon

SITE LOCATION MAP
EDDIE'S PITT STOP
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA

FIGURE 1: TOPOGRAPHIC MAP



EXPLANATION

- SHALLOW MONITORING WELL (UST PERMIT #18871)
- DEEP MONITORING WELL (UST PERMIT #18871)
- RECOVERY WELL (UST PERMIT #18871)
- SHALLOW MONITORING WELL (UST PERMIT #02261)
- TEMPORARY MONITORING WELL (UST PERMIT #02261)
- RECOVERY WELL (UST PERMIT #02261)
- DESTROYED WELL
- —E— OVERHEAD POWER LINE
- —W— WATER LINE
- —T— TELEPHONE LINE
- —SS— SANITARY SEWER LINE
- —FO— FIBER OPTIC LINE
- SDMH STORM DRAIN MANHOLE
- LP LIGHT POLE
- FH FIRE HYDRANT

Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	JUNE 2018

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
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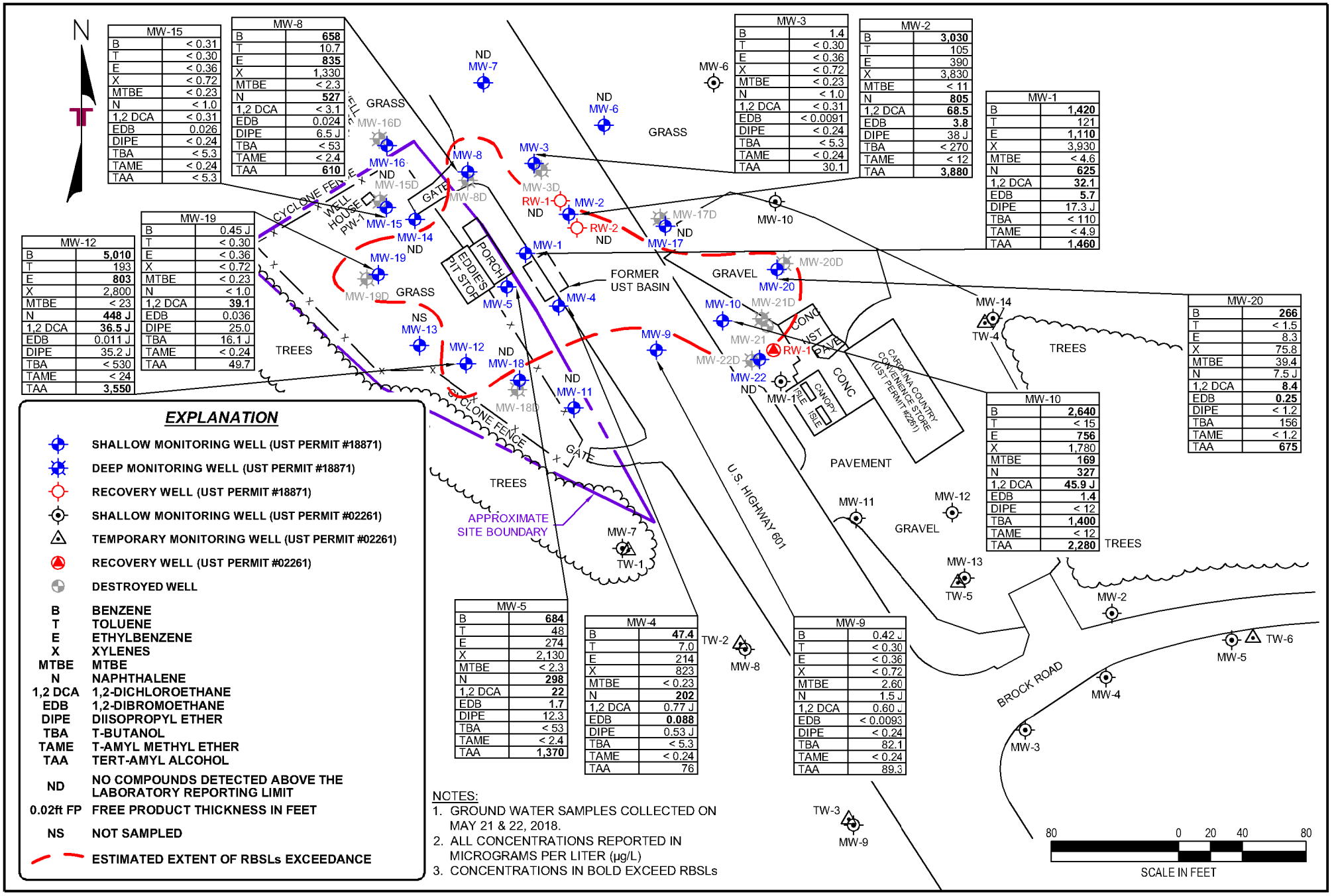
SITE MAP WITH UTILITIES

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 2



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Project No.	73098106
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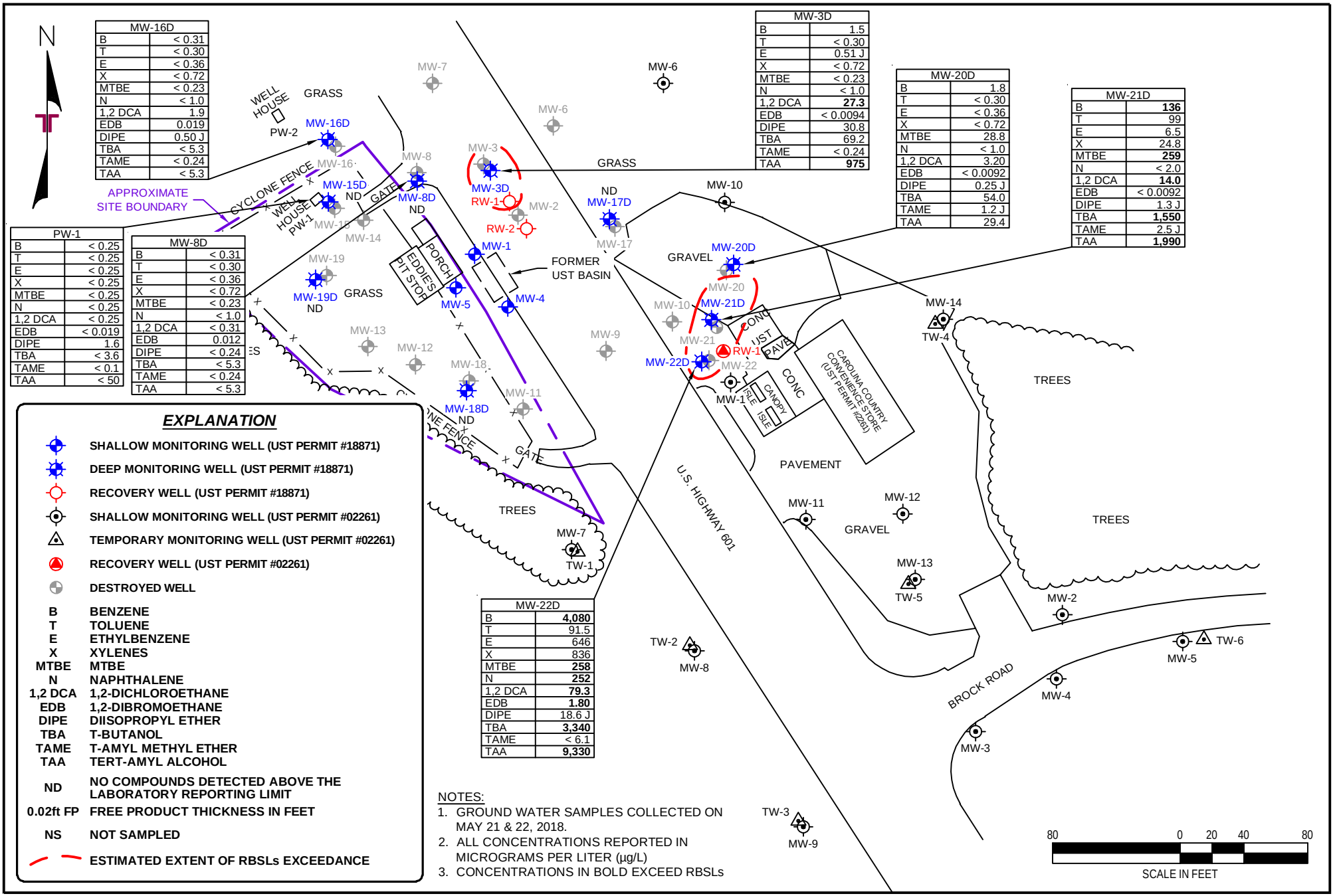
COC CONCENTRATION MAP OF THE UPPER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 4



EXPLANATION

- SHALLOW MONITORING WELL (UST PERMIT #18871)
- DEEP MONITORING WELL (UST PERMIT #18871)
- RECOVERY WELL (UST PERMIT #18871)
- SHALLOW MONITORING WELL (UST PERMIT #02261)
- TEMPORARY MONITORING WELL (UST PERMIT #02261)
- RECOVERY WELL (UST PERMIT #02261)
- DESTROYED WELL

B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
MTBE	MTBE
N	NAPHTHALENE
1,2 DCA	1,2-DICHLOROETHANE
EDB	1,2-DIBROMOETHANE
DIPE	DIISOPROPYL ETHER
TBA	T-BUTANOL
TAME	T-AMYL METHYL ETHER
TAA	TERT-AMYL ALCOHOL
ND	NO COMPOUNDS DETECTED ABOVE THE LABORATORY REPORTING LIMIT
0.02ft FP	FREE PRODUCT THICKNESS IN FEET
NS	NOT SAMPLED

- ESTIMATED EXTENT OF RBSLs EXCEEDANCE

NOTES:
1. GROUND WATER SAMPLES COLLECTED ON MAY 21 & 22, 2018.
2. ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L)
3. CONCENTRATIONS IN BOLD EXCEED RBSLs

Project Mngr:	RWN
Drawn By:	PTK
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Date:	JUNE 2018

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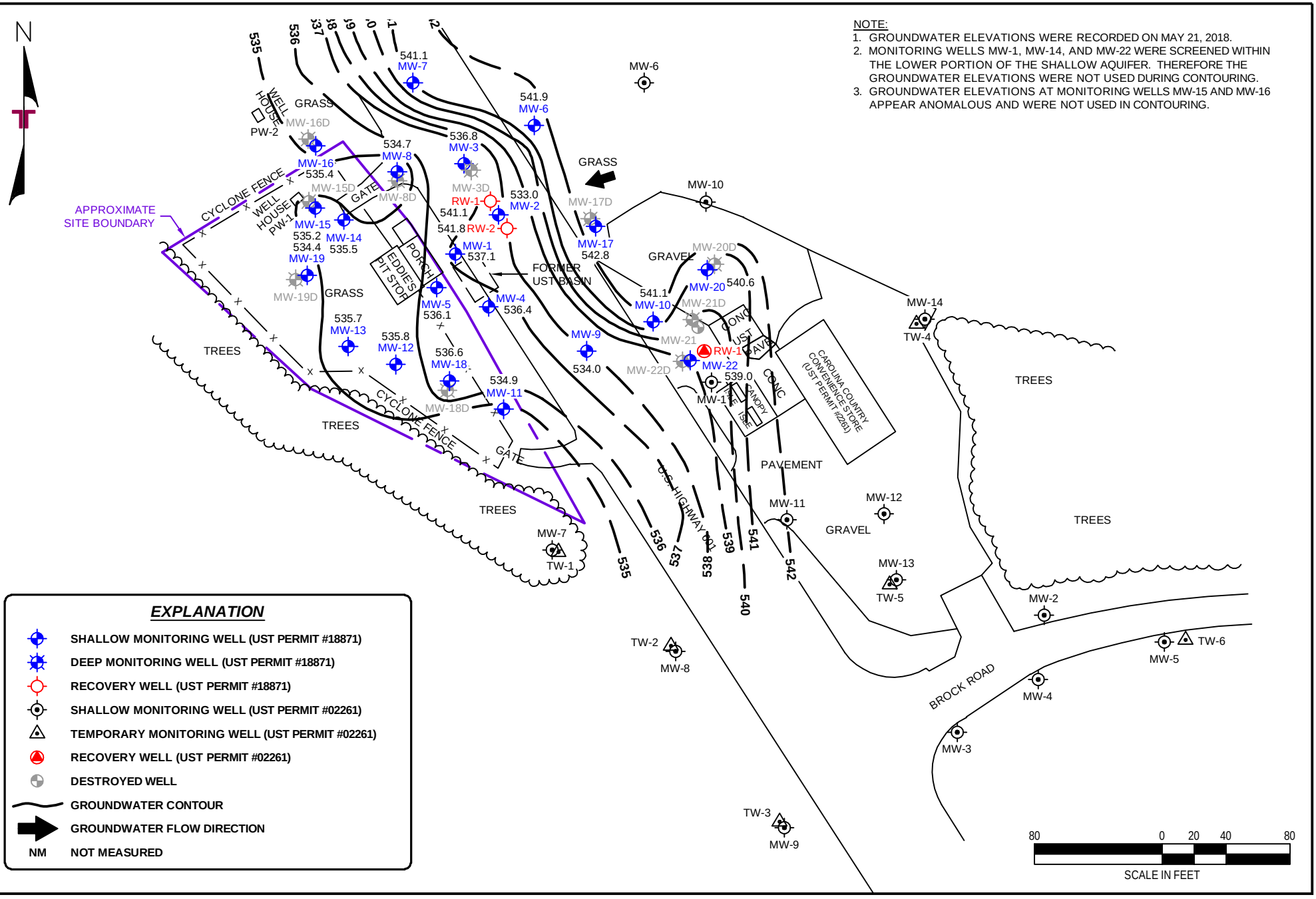
COC CONCENTRATION MAP OF THE LOWER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 4A



Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	JULY 2018

Terracon
Consulting Engineers and Scientists
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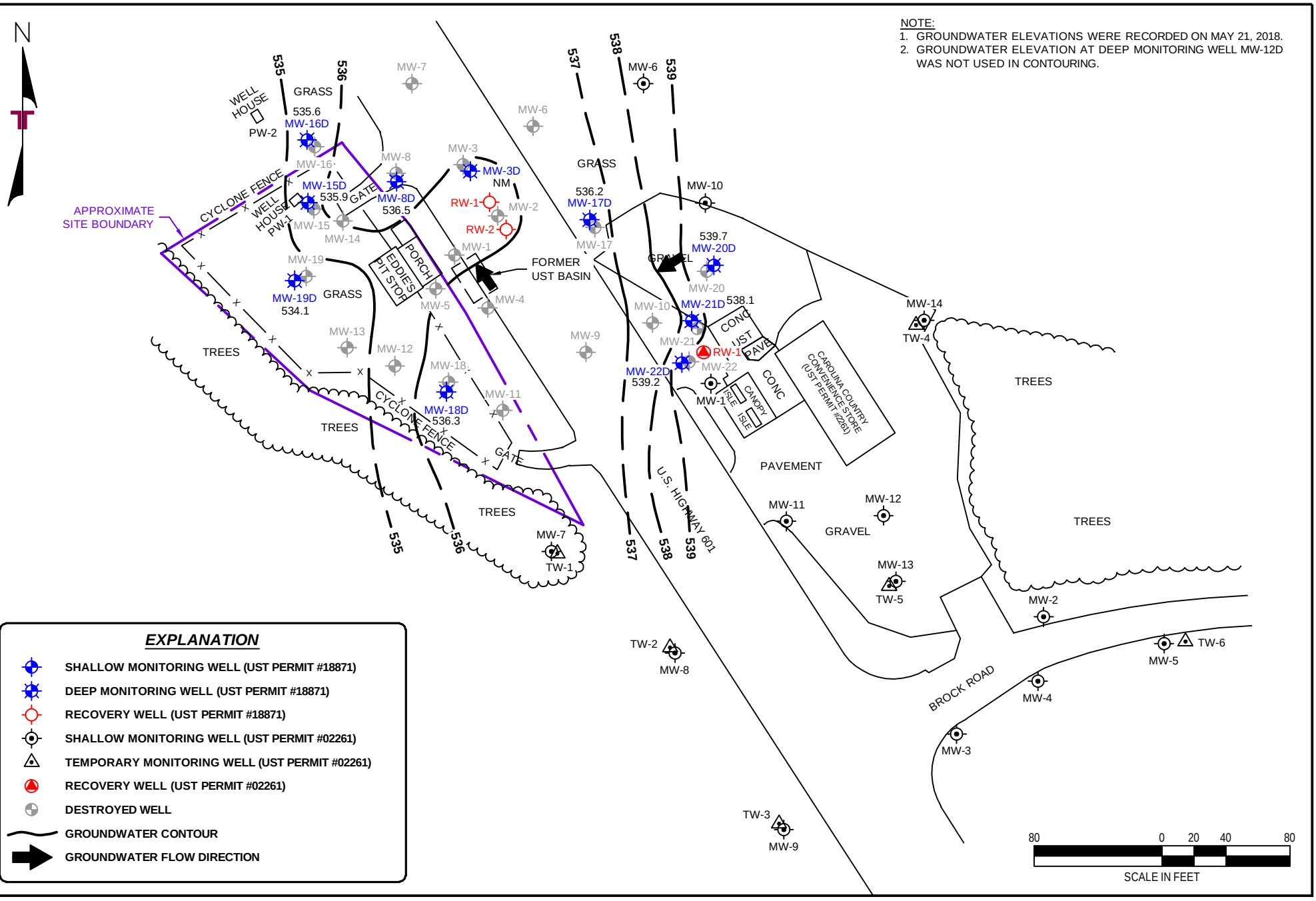
PH. (803) 741-9000 FAX. (803) 741-9900

POTENTIOMETRIC SURFACE MAP OF THE UPPER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 5



Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	JULY 2018

Terracon
Consulting Engineers and Scientists
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POTENTIOMETRIC SURFACE MAP OF THE LOWER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 5A

TABLES

Table 2 Ground Water Monitoring Well Elevation Data

Table 3 Ground Water Analytical Data – Petroleum Related Compounds

Table 3A Ground Water Analytical Data – Oxygenates

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-1	05/20/03	43	33- 43	298.85	35.70	--	263.15
	05/11/09				19.35	--	279.50
	09/08/11				36.70	--	262.15
	01/06/12				34.63	--	264.22
	03/27/12				26.21	--	272.64
	04/04/12			554.13	25.80	--	528.33
	07/18/12				31.00	--	523.13
	06/08/15				18.94	--	535.19
	03/08/17				16.51	--	537.62
	05/21/18				17.01	--	537.12
MW-2	05/11/09	43	28-43	298.98	17.25	--	281.73
	07/07/11				25.85	--	273.13
	08/22/11				31.82	--	267.16
	09/08/11				33.10	--	265.88
	01/06/12				31.91	--	267.07
	03/27/12				23.25	--	275.73
	04/04/12			554.18	23.65	--	530.53
	07/18/12				27.52	--	526.66
	06/08/15				14.97	0.02	539.23
	03/08/17				12.99	0.03	541.21
	05/21/18				21.18	--	533.00
MW-3	05/11/09	45	30-45	298.36	19.20	--	279.16
	09/08/11				36.28	--	262.08
	01/06/12				35.45	--	262.91
	03/27/12				31.74	--	266.62
	04/04/12			553.62	28.89	--	524.73
	07/18/12				30.10	--	523.52
	06/08/15				19.29	--	534.33
	03/08/17				13.46	--	540.16
	05/21/18				16.83	--	536.79

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-3D	09/08/11	60	55-60	298.51	25.19*	--	273.32
	01/05/12				35.12	--	263.39
	03/27/12				28.90	--	269.61
	04/04/12			553.74	29.48	--	524.26
	07/18/12				30.50	--	523.24
	06/08/15				19.98	--	533.76
	05/21/18				17.80		535.94
MW-4	05/11/09	49	34-49	299.29	20.16	--	279.13
	09/08/11				37.20	--	262.09
	01/06/12				35.79	--	263.50
	03/27/12				27.85	--	271.44
	04/04/12			554.56	27.90	--	526.66
	07/18/12				32.13	--	522.43
	06/08/15				19.95	--	534.61
	03/08/17				17.52	--	537.04
	05/21/18				18.17	--	536.39
MW-5	08/09/10	25	15 - 25	296.16	17.35	--	278.81
	07/07/11				23.10	--	273.06
	08/22/11				24.92	--	271.24
	09/08/11				24.91	--	271.25
	01/06/12				24.36	--	271.80
	03/27/12				20.22	--	275.94
	04/04/12			551.42	19.79	--	531.63
	07/18/12				23.46	--	527.96
	06/08/15				13.53	--	537.89
	03/08/17				8.97	--	542.45
	05/21/18				15.37	--	536.05
MW-6	08/23/11	35	25-35	298.58	Dry	Dry	Dry
	08/30/11				30.30	--	268.28
	09/08/11				28.45	--	270.13
	01/06/12				24.43	--	274.15
	03/27/12				19.21	--	279.37
	04/04/12			553.79	18.05	--	535.74
	07/18/12				20.90	--	532.89
	06/08/15				13.95	--	539.84
	05/21/18				11.85	--	541.94

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-7	08/25/11	35	24-34	298.18	Dry	Dry	Dry
	08/30/11				Dry	Dry	Dry
	09/08/11				33.40	--	264.78
	01/06/12				32.39	--	265.79
	03/27/12				29.95	--	268.23
	04/04/12			553.42	28.02	--	525.40
	07/18/12				25.16	--	528.26
	06/08/15				13.06	--	540.36
	05/21/18				12.29	--	541.13
MW-8	08/29/11	35	25-35	297.5	Dry	Dry	Dry
	09/08/11				Dry	Dry	Dry
	01/06/12				32.85	--	264.65
	03/27/12				27.32	--	270.18
	04/04/12			552.76	27.05	--	525.71
	07/18/12				28.91	--	523.85
	06/08/15				18.33	--	534.43
	03/08/17				17.56	--	535.20
	05/21/18				18.05	--	534.71
MW-8D	09/08/11	60	55-60	297.35	25.35*	--	272.00
	01/05/12				34.24	--	263.11
	03/27/12				26.12	--	271.23
	04/04/12			552.53	26.07	--	526.46
	07/18/12				31.30	--	521.23
	06/08/15				18.93	--	533.60
	05/21/18				16.00	--	536.53
MW-9	08/26/11	35	24-34	299.74	Dry	Dry	Dry
	08/30/11				Dry	Dry	Dry
	09/08/11				33.93	--	265.81
	01/06/12				33.60	--	266.14
	03/27/12				30.65	--	269.09
	04/04/12			554.89	29.12	--	525.77
	07/18/12				29.89	--	525.00
	06/08/15				18.96	--	535.93
	05/21/18				20.91	--	533.98

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
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WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-10	08/27/11	35	25-35	299.54	Dry	Dry	Dry
	09/08/11				34.40	--	265.14
	01/06/12				34.50	--	265.04
	03/27/12				24.57	--	274.97
	04/04/12			554.79	24.79	--	530.00
	07/18/12				28.71	--	526.08
	06/08/15				15.82	--	538.97
	05/21/18				13.68	--	541.11
MW-11	01/06/12	35	19.5-34.5	293.42	32.00	--	261.42
	03/27/12				21.35	--	272.07
	04/04/12			548.76	21.50	--	527.26
	07/18/12				26.40	--	522.36
	06/08/15				12.49	--	536.27
	05/22/18				13.85	--	534.91
MW-12	01/06/12	35	20-35	290.46	26.05	--	264.41
	03/27/12				17.69	--	272.77
	04/04/12			545.68	21.50	--	524.18
	07/18/12				23.18	--	522.50
	06/08/15				7.47	--	538.21
	03/08/17				8.21	--	537.47
	05/21/18				9.89	--	535.79
MW-13	01/06/12	35	20-35	289.98	27.90	--	262.08
	03/27/12				17.45	--	272.53
	04/04/12			545.2	16.90	--	528.30
	07/18/12				22.32	--	522.88
	06/08/15				11.81	--	533.39
	05/22/18				9.52	--	535.68
MW-14	01/06/12	35	20-35	291.24	30.72	--	260.52
	03/27/12				19.34	--	271.90
	04/04/12			546.48	20.76	--	525.72
	07/18/12				22.52	--	523.96
	06/08/15				13.71	--	532.77
	05/21/18				11.01	--	535.47
MW-15	04/04/12	32	17-32	545.77	25.45	--	520.32
	07/18/12				23.52	--	522.25
	06/08/15				12.88	--	532.89
	05/21/18				10.59	--	535.18

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-15D	04/04/12	60	55-60	545.89	18.11	--	527.78
	07/18/12				23.86	--	522.03
	06/08/15				14.60	--	531.29
	05/21/18				10.00	--	535.89
MW-16	04/04/12	32	17-32	546.47	19.02	--	527.45
	07/18/12				24.20	--	522.27
	06/08/15				13.50	--	532.97
	05/21/18				11.03	--	535.44
MW-16D	04/04/12	60	55-60	546.59	19.70	--	526.89
	07/18/12				24.47	--	522.12
	06/08/15				13.95	--	532.64
	05/21/18				11.00	--	535.59
MW-17	04/04/12	35	20-35	554.33	20.39	--	533.94
	07/18/12				21.53	--	532.80
	06/08/15				12.58	--	541.75
	05/21/18				11.53	--	542.80
MW-17D	04/04/12	60	55-60	554.3	27.54	--	526.76
	07/18/12				31.37	--	522.93
	06/08/15				19.50	--	534.80
	05/21/18				18.10	--	536.20
MW-18	04/04/12	32	17-32	546.56	19.65	--	526.91
	07/18/12				23.90	--	522.66
	06/08/15				14.38	--	532.18
	05/21/18				10.00	--	536.56
MW-18D	04/04/12	60	55-60	546.27	19.17	--	527.10
	07/18/12				23.17	--	523.10
	06/08/15				12.26	--	534.01
	05/21/18				10.00	--	536.27
MW-19	04/04/12	32	17.5-27.5	544.53	18.50	--	526.03
	07/18/12				22.53	--	522.00
	06/08/15				12.88	--	531.65
	05/21/18				10.18	--	534.35
MW-19D	04/04/12	60	55-60	544.11	16.20	--	527.91
	07/18/12				22.41	--	521.70
	06/08/15				12.41	--	531.70
	05/21/18				10.00	--	534.11

TABLE 3
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-20	07/18/12	35	25-35	556.55	27.02	--	529.53
	06/08/15				15.63	--	540.92
	05/21/18				15.92	--	540.63
MW-20D	07/18/12	60	55-60	556.66	33.31	--	523.35
	06/08/15				18.86	--	537.80
	05/21/18				17.00	--	539.66
MW-21	07/18/12	35	25-35	555.73	24.72	--	531.01
	06/08/15				16.04	--	539.69
	05/21/18				DESTROYED		
MW-21D	07/18/12	60	55-60	555.75	32.83	--	522.92
	06/08/15				14.09	--	541.66
	05/21/18				17.62	--	538.13
MW-22	07/18/12	35	25-35	555.29	31.34	--	523.95
	06/08/15				18.11	--	537.18
	05/21/18				16.33	--	538.96
MW-22D	07/18/12	60	55-60	554.98	32.23	--	522.75
	06/08/15				19.10	--	535.88
	05/21/18				15.76	--	539.22
RW-1	06/02/16	25	10-25	553.32	12.25	--	541.07
	03/08/17				12.26	--	541.06
	05/21/18				12.22	--	541.10
RW-2	06/02/16	25	10-25	553.57	10.97	--	542.60
	03/08/17				11.93	--	541.64
	05/21/18				11.75	--	541.82

Notes:
1) Top of casing elevations surveyed by Terracon personnel
2) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-1	05/11/09	**3,250**	265	**1,580**	5,160	< 3.89	**841**	NA	**1.66**	12 *B*
	01/06/12	**3,020**	722	**1,080**	7,510	< 4.20	**773**	**57.5**	**2.91**	< 2.8
	04/05/12	**2,740**	378	**1,940**	9,660	< 3.36	**1,122**	**73.7**	**0.68**	< 2.8
	07/19/12	**2,520**	295	**1,280**	5,710	< 1.21	**663**	**60.9**	**0.986**	< 2.8
	06/11/15	**1,040**	148	**1,200**	4,180	< 0.180	**960**	**34.4**	**2.94**	NA
	03/08/17	0.72 J	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.017	NA
	05/22/18	**1,420**	121	**1,110**	3,930	< 4.6	**625**	**32.1**	**5.7**	NA
MW-2	05/11/09	**2,290**	73.6	699	2,140	< 1.94	**186**	NA	**0.385**	3.3
	01/06/12	**4,210**	262	**1,390**	6,280	< 3.36	**968**	**113**	**1.02**	< 2.8
	04/05/12	**2,740**	378	**1,940**	9,660	< 3.36	**1,120**	**73.7**	**0.682**	< 2.8
	07/17/12	**3,940**	146	**1,100**	4,250	< 1.51	**604**	**122**	**0.210**	1.1J
	06/08/15	**0.02ft. OF FREE PRODUCT**								
	03/08/17	**0.03ft. OF FREE PRODUCT**								
	05/22/18	**3,030**	105	394	3,880	< 11	**805**	**68.5**	**3.8**	NA
MW-2 DUP	05/22/18	**2,900**	113	390	3,830	< 11	**818**	**63.5**	**3.9**	NA
MW-3	05/11/09	**290**	63.5	154	217	< 0.194	**39.6**	NA	< 0.0035	**27**
	01/06/12	**138**	< 0.155	47.2	40.9	< 0.168	**105**	< 0.242	< 0.0032	< 2.8
	04/05/12	**148**	1.16	40.7	< 0.176	< 0.084	**73**	< 0.121	< 0.0029	13.0 J
	07/17/12	**91.6**	0.408J	48.9	5.71	< 0.06	**74.6**	1.26	< 0.0029	< 0.28
	06/09/15	**88.7**	< 0.140	32.7	1.98	< 0.180	**59.1**	< 0.180	< 0.00626	NA
	03/08/17	NOT SAMPLED								
	05/22/18	1.4	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0091	NA
MW-3D	01/05/12	**165**	< 0.388	42.3	20.1	< 0.42	**56.7**	**23.7**	< 0.0032	**65**
	04/05/12	**405**	10.7	115	83.3	< 0.42	**73**	**28**	< 0.0029	**64**
	07/17/12	**248**	4.08J	71.9	43.6	< 0.302	**51.2**	**24.3**	< 0.0029	5.3
	06/09/15	**10.1**	< 0.140	1.23	1.03	< 0.180	2.78	**13.1**	< 0.00619	NA
	05/22/18	1.5	< 0.30	0.51 J	< 0.72	< 0.23	< 1.0	**27.3**	< 0.0094	NA
MW-4	05/11/09	**75.8**	< 0.082	14	200	1.16	16.7	NA	0.042	14 B
	01/06/12	**324**	< 0.155	32.6	437	< 0.168	**126**	< 0.242	0.077	< 2.8
	04/05/12	**98.3**	< 0.078	26.6	71.6	< 0.084	**94.4**	< 0.121	< 1.11	6.6 J
	07/18/12	**263**	< 0.254	83.7	361	< 0.121	**146**	4.97	0.033	< 2.8
	06/11/15	**27.2**	3.03	148	637	< 0.180	**180**	< 0.180	0.0314	NA
	03/08/17	**45.4**	8.70	273	1,150	< 0.57	**193**	0.91 J	**0.13**	NA
	05/22/18	**47.4**	7.0	214	823	< 0.23	**202**	0.77 J	**0.088**	NA
MW-4 Dup	06/11/15	**33.1**	3.67	146	771	< 0.180	**187**	< 0.180	0.0259	NA
	03/08/17	**45.5**	8.9	273	1,200	< 0.57	**191**	0.96 J	**0.13**	NA
MW-5	08/09/10	**166**	44.4	539	1,070	< 0.517	**307**	NA	**0.269**	3.4 B
	01/06/12	**125**	25.7	630	1,260	< 0.839	**334**	< 1.21	< 0.0032	< 2.8
	04/05/12	**93.7**	26.6	497	943	< 0.839	**242**	< 1.21	< 0.0029	< 2.8
	07/19/12	**70.6**	12.9	214	388	< 0.121	**154**	< 0.238	< 0.0029	< 2.8
	06/11/15	**141**	53.0	**966**	2,480	< 0.180	**1,180**	< 0.180	**0.317**	NA
	03/08/17	**219**	197	**736**	2,340	< 1.1	**414**	3.0 J	**0.47**	NA
	05/22/18	**684**	48	274	2,130	< 2.3	**298**	**22**	**1.7**	NA

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
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WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-6	01/06/12	< 0.049	< 0.078	< 0.18	1.37 J	< 0.084	6.42	< 0.121	< 0.0032	4.5 J
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	6.49	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	7.11	< 0.119	< 0.0029	< 2.8
	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00627	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
MW-7	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	**22.0**
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	3.46 J	< 0.121	< 0.0029	12 J
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.0029	< 0.119	< 0.28
	06/09/15	1.01	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00612	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
MW-8	01/06/12	**970**	31.6	262	450	< 0.839	**91.1**	< 1.21	< 0.0032	< 2.8
	04/05/12	**1,000**	86.4	828	2,420	< 1.68	**389**	**8.66 J**	< 0.0029	3.8 J
	07/19/12	**1,040**	117	962	3,060	< 0.604	**450**	**7.11 J**	< 0.0029	< 2.8
	06/12/15	**567**	25.7	689	909	< 0.180	**368**	< 0.180	0.0138	NA
	03/08/17	**476**	25.5	654	1,820	< 2.3	**503**	4.6 J	0.042	NA
	05/22/18	**658**	10.7	**835**	1,330	< 2.3	**527**	< 3.1	0.024	NA
MW-8D	01/05/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	5.21	1.34	< 0.0032	11.0
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	**27.0**
	07/19/12	< 0.099	< 0.127	1.48	4.59	< 0.06	5.24	< 0.119	< 0.0029	< 2.8
	06/10/15	2.65	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	2.28	< 0.00632	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.012	NA
MW-9	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	0.03
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.12	< 0.0029	< 2.8
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 0.28
	06/09/15	1.23	< 0.140	< 0.190	< 0.200	2.77	< 0.220	0.490	0.0115	NA
	05/22/18	0.42 J	< 0.30	< 0.36	< 0.72	2.60	1.5 J	0.60 J	< 0.0093	NA
MW-10	01/06/12	**26.3**	< 0.078	11.4	21.8	**48.4**	5.34	< 0.121	0.015	< 2.8
	04/05/12	**2,150**	< 3.1	194	933	**259**	**263**	**57.5**	**0.268**	< 2.8
	07/18/12	**2,680**	< 3.18	148	1,150	**276**	**200**	**68.3**	**0.1**	< 2.8
	06/15/15	**1,820**	6.93	635	1,700	**200**	**382**	**48.2**	**2.13**	NA
	05/21/18	**2,640**	< 15	**756**	1,780	**169**	**327**	**45.9 J**	**1.4**	NA
MW-11	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	< 2.8
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	2.15 J	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00630	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA

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WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-12	01/06/12	**3,140**	< 3.10	89.5	247	< 3.36	**465**	< 4.84	< 0.0032	< 2.8
	04/05/12	**2,980**	221	485	1,980	< 3.36	**204**	**33.6 J**	< 0.0029	< 2.8
	07/20/12	**5,580**	457	**1,150**	4,040	< 3.02	**460**	**39.4 J**	< 0.0029	< 2.8
	06/11/15	**4,540**	182	574	2,080	< 0.180	**450**	**35.0**	< 0.00610	NA
	03/08/17	**5,550**	348	522	3,390	< 23	**233 J**	**45.6 J**	0.031	NA
	05/22/18	**5,010**	193	**803**	2,800	< 23	**448 J**	**36.5 J**	0.011 J	NA
MW-12 DUP	05/22/18	**5,050**	193	**802**	2810	< 23	**460 J**	**34.6 J**	0.013 J	NA
MW-13	01/06/12	**56**	< 0.388	< 0.9	4.56 J	< 0.42	**33.5**	10.7	< 0.0032	4.1 J
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	1.34	< 0.0029	< 2.8
	07/20/12	0.584 J	< 0.127	0.522 J	10.2	< 0.06	4.14 J	< 0.119	< 0.0029	< 2.8
	06/08/15	Not Sampled - Well Blocked								
MW-14	01/06/12	**5.73**	7.77	< 0.18	< 0.123	< 0.084	5.57	1.74	< 0.0032	**25.0**
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/11/15	**20.1**	< 0.140	3.54	< 0.200	< 0.180	1.91	1.46	0.0148	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
MW-15	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/20/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00620	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.026	NA
MW-15D	04/05/12	**5.95**	< 0.078	6.33	10.9	< 0.084	5.91	< 0.121	< 0.0029	< 2.8
	07/19/12	**9.42**	< 0.127	1.50	< 0.384	< 0.06	3.93 J	6.78	< 0.0029	< 2.8
	06/09/15	**31.7**	2.70	10.5	15.8	< 0.180	11.9	3.20	< 0.00627	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
MW-16	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/11/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00619	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
MW-16D	04/05/12	**15.9**	< 0.078	6.1	12.6	< 0.084	6.32	< 0.121	< 0.0029	3.8 J
	07/19/12	**7.7**	< 0.127	< 0.119	2.54 J	< 0.06	2.46 J	0.942 J	< 0.0029	< 2.8
	06/10/15	**32.9**	1.16	9.24	20.2	< 0.180	8.58	6.61	< 0.00646	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	1.9	0.019	NA
MW-17	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00613	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
MW-17D	04/05/12	1.89	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	4.74	< 0.0029	< 2.8
	07/18/12	0.618 J	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.17	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	3.38	< 0.00644	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.033	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA

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WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-18	04/05/12	3.73	< 0.078	19.0	21.9	< 0.084	4.01 J	< 0.121	< 0.0029	4.6 J
	07/20/12	< 0.099	< 0.127	4.8	5.5	< 0.06	4.27 J	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	1.00	1.25	< 0.180	< 0.220	< 0.180	< 0.00630	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
MW-18D	04/05/12	**90.1**	< 0.078	< 0.18	1.17 J	< 0.084	4.46 J	**21.7**	< 0.0029	6.1 J
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	**19.4**	< 0.0029	< 2.8
	06/10/15	**27.7**	< 0.140	< 0.190	0.630	< 0.180	< 0.220	**22.1**	< 0.00634	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
MW-19	04/05/12	4.87	< 0.078	0.328 J	1.01 J	< 0.084	< 0.175	**12.5**	< 0.0029	< 2.8
	07/20/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	**63.7**	< 0.0029	< 2.8
	06/11/15	3.61	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	**78.1**	< 0.00614	NA
	05/22/18	0.45 J	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	**39.1**	0.036	NA
MW-19D	04/05/12	3.07	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	4.87	< 0.0029	11.0 J
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.46	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	1.69	< 0.00629	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
MW-20	07/18/12	**325**	1.77 J	53	105	35	2.56 J	**7.21**	**0.112**	< 2.8
	06/12/15	**3,500**	27.6	634	3,140	231	**252**	**48.4**	**5.58**	NA
	05/21/18	**266**	< 1.5	8.3	75.8	39.4	7.5 J	**8.4**	**0.25**	NA
MW-20 Dup	06/12/15	**2,010**	26.7	686	3,510	**228**	**250**	**47.5**	**5.45**	NA
MW-20D	07/18/12	**22.6**	< 0.127	1.7	8.1	25.1	1.26 J	3.43	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	30.0	< 0.220	< 0.180	< 0.00634	NA
	05/21/18	1.8	< 0.30	< 0.36	< 0.72	28.8	< 1.0	3.20	< 0.0092	NA
MW-21	07/18/12	**11,400**	12,100	1,170	5,840	**2,870**	294 J	**436**	**3.75**	< 2.8
	06/12/15	**4,380**	3,740	440	2,220	**833**	**141**	**173**	**2.78**	NA
	05/21/18	Paved Over								
MW-21D	07/18/12	**220**	473	151	785	**64.7**	**51.2**	8.19	0.017	< 2.8
	06/10/15	**1,460**	539	37.6	195	**335**	15.4	**38.9**	**0.327**	NA
	05/21/18	**136**	99	6.5	24.8	**259**	< 2.0	**14.0**	< 0.0092	NA
MW-22	07/18/12	**262**	37.7	73.9	286	5.85	3.84 J	1.65 J	0.013	< 2.8
	06/12/15	**1,970**	56.3	307	1,760	**51.0**	**212**	**22.3**	**5.26**	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
MW-22D	07/18/12	**1,300**	80.2	241	639	61	157	19.6	0.011	< 2.8
	06/10/15	**1,490**	76.0	296	569	**138**	**155**	**43.7**	**2.32**	NA
	05/21/18	**4,080**	91.5	646	836	**258**	**252**	**79.3**	**1.80**	NA
RW-1	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0095	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0091	NA
RW-2	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
PW-1	01/05/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	1.89	< 0.0032	NA
On-Site Supply Well	01/27/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	1.97	< 0.0029	NA
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.22	< 0.0029	NA
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	1.40	< 0.00620	NA

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
	05/22/18	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.019	NA
PW-1 Dup	05/22/18	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.19	NA
PW-2	01/05/12	4.64	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	NA
Casper Irrigation Well	01/27/12	1.15	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	07/17/12	0.448J	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	NA
	06/08/15	Not Sampled								
Casper Residence Municipal Water Supply	01/27/12	< 0.078	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0029	NA
Field Blank	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00631	NA
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00621	NA
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00618	NA
	06/11/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00615	NA
	06/12/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00604	NA
	03/08/17	< 0.31	< 0.31	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0095	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
PW-1	05/22/18	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.020	NA
Trip Blank	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	NA	NA
	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	NA	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	NA	NA
PW-1	05/22/18	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	NA
	05/23/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	NA	NA

Notes:
1) Results shown in boldface type indicate concentrations which exceed the RBSL for that compound
2) µg/L - micrograms per liter or parts per billion
3) RBSL- Risk-Based Screening Level as defined by the SCDHEC RBCA Document
4) *J* - indicates an estimated value
5) *B* - indicates the result is between the Method Detection Limit and the Reporting Detection Limit
6) *NA* - Not Analyzed
7) 1,2 DCA - 1,2 Dichloroethane
8) Abbreviations:
MTBE = methyl-tert-butyl-ether
EDB = 1,2-dibromoethane
1,2 DCA - 1,2 Dichloroethane
10) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-1	01/06/12	< 4090	< 55.5	< 5.25	< 1,880	< 14.5	< 52.5	**3,570**	< 108
	04/05/12	< 3,270	< 44.4	77.9J	< 1,500	< 11.6	< 42	**3,880**	< 86.4
	07/19/12	< 1640	< 22.2	32.8J	< 752	< 5.8	< 21.0	**3,520**	< 43.2
	06/11/15	< 8.00	< 0.300	15.7	980	27.5	< 0.300	**1,640**	< 1.00
	03/08/17	< 82	< 0.24	0.91 J	< 10	< 5.3	< 0.24	9.9 J	< 5.0
	05/22/18	< 1,600	< 4.7	17.3 J	< 200	< 110	< 4.9	**1,460**	< 100
MW-2	01/06/12	< 3,270	< 44.4	**836 J**	< 1,500	< 11.6	< 42	**6,820**	< 86.4
	04/05/12	< 4,090	,55.5	124J	< 1,880	149J	< 52.5	**6,580**	< 108
	07/17/12	< 2,050	< 27.8	71.9J	< 940	158J	< 26.3	**6,590**	< 54
	06/08/15	**0.02ft. OF FREE PRODUCT**							
	03/08/17	**0.03ft. OF FREE PRODUCT**							
	05/22/18	< 4,100	< 12	38 J	< 500	< 270	< 12	**3,880**	< 250
MW-2 DUP	05/22/18	< 4,100	< 12	40.3 J	< 500	< 270	< 12	**3,650**	< 250
MW-3	01/06/12	< 164	< 2.22	3.40 J	< 75.2	< 0.58	< 2.1	**243**	< 4.32
	04/05/12	< 81.8	< 1.11	4.64 J	< 37.6	< 0.29	< 1.05	**254**	< 2.16
	07/17/12	< 81.8	< 1.11	1.53J	< 37.6	4.73J	< 1.05	**170**	< 2.16
	06/09/15	< 8.00	< 0.300	2.81	152	< 1.00	< 0.300	193	< 1.00
	03/08/17	NOT SAMPLED							
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	30.1	< 5.0
MW-3D	01/05/12	< 409	< 5.55	42.8	< 188	55.5	< 5.25	**2,280**	< 10.8
	04/05/12	< 409	< 5.55	< 43	< 188	< 62.1	< 5.25	**2,120**	< 10.8
	07/17/12	< 409	< 5.55	36.1	< 188	71	< 5.25	**2,340**	< 10.8
	06/09/15	< 8.00	< 0.300	13.7	81.6	< 1.00	< 0.300	**312**	< 1.00
	05/22/18	< 82	< 0.24	30.8	< 10	69.2	< 0.24	**975**	< 5.0
MW-4	01/06/12	< 164	< 2.22	3.52 J	< 75.2	< 0.58	< 2.1	**691**	< 4.32
	04/05/12	< 81.8	< 1.11	2.34 J	< 37.6	8.65 J	< 1.05	**380**	< 2.16
	07/18/12	< 164	< 2.22	2.88 J	< 75.2	< 0.58	< 2.1	**463**	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	34.9	< 1.00	< 0.300	51.9	< 1.00
	03/08/17	< 200	< 0.59	< 0.60	< 25	< 13	< 0.61	54.2	< 13
	05/22/18	< 82	< 0.24	0.53 J	< 10	< 5.3	< 0.24	76	< 5.0
MW-4 Dup	06/11/15	< 8.00	< 0.300	< 0.0800	44.9	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 200	< 0.59	< 0.60	< 25	< 13	< 0.61	56.4	< 13

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-5	01/06/12	< 818	< 11.1	< 1.05	< 376	< 2.90	< 10.5	**278**	< 21.6
	04/05/12	< 818	< 11.1	< 1.05	< 376	< 2.9	< 10.5	139 J	< 21.6
	07/19/12	< 164	< 2.22	< 0.210	< 75.2	< 0.58	< 2.10	134	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	167	< 1.00	< 0.300	106	< 1.00
	03/08/17	< 410	< 1.2	1.5 J	< 50	< 27	< 1.2	169	< 25
	05/22/18	< 820	< 2.4	12.3	< 100	< 53	< 2.4	**1,370**	< 50
MW-6	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-7	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-8	01/06/12	< 818	< 376	25.9 J	< 11.1	< 2.90	< 10.5	**4,160**	< 21.6
	04/05/12	< 1,640	< 22.2	30.4 J	< 752	< 5.8	< 21.0	**1,360**	< 43.2
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/12/15	< 8.00	< 0.300	4.24	933	< 1.00	< 0.300	**756**	< 1.00
	03/08/17	< 820	< 2.4	4.3 J	< 100	< 53	< 2.4	**447**	< 50
	05/22/18	< 820	< 2.4	6.5 J	< 100	< 53	< 2.4	**610**	< 50
MW-8D	01/05/12	< 81.8	< 1.11	2.74 J	< 37.6	< 0.29	< 1.05	21.4	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.5	18.1	< 1.00	< 0.300	193	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-9	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	10.5 J	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	84.4	< 0.300	62.4	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	82.1	< 0.24	89.3	< 5.0
MW-10	01/06/12	< 81.8	< 1.11	1.07 J	< 37.6	41.2	< 1.05	106	< 2.16
	04/05/12	< 3,270	< 44.4	< 4.2	< 1,500	**1,420**	< 42	**3,930**	< 86.4
	07/18/12	< 2050	< 27.8	< 2.63	< 940	1,270	< 26.3	**3,680**	< 54
	06/12/15	< 8.00	< 0.300	< 0.0800	883	**2,070**	< 0.300	**2,410**	< 1.00
	05/21/18	< 4,100	< 12	< 12	< 500	**1,400**	< 12	**2,280**	< 250
MW-11	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-12	01/06/12	< 3,270	< 44.4	73.4 J	< 1,500	< 11.6	< 42	**10,600**	< 86.4
	04/05/12	< 3,270	< 44.4	77.5 J	< 1,500	< 11.6	< 42	**6,010**	< 86.4
	07/20/12	< 4090	< 55.5	43.5 J	< 1880	< 14.5	< 52.5	**5,210**	< 108
	06/11/15	< 8.00	< 0.300	34.3	4,370	< 1.00	< 0.300	**5,220**	< 1.00
	03/08/17	< 8,200	< 24	34.2 J	< 1,000	< 530	< 24	**3,530**	< 500
	05/22/18	< 8,200	< 24	35.2 J	< 1,000	< 530	< 24	**3,550**	< 500
MW-12 DUP	05/22/18	< 8,200	< 24	34.6 J	< 1,000	< 530	< 24	**3,920**	< 500
MW-13	01/06/12	< 409	< 5.55	15.6 J	< 188	47.2 J	< 5.25	**1,710**	< 10.8
	04/05/12	< 81.8	< 1.11	1.95 J	< 37.6	< 0.29	< 1.05	106	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	Not Sampled - Well Blocked							
MW-14	01/06/12	< 81.8	< 1.11	1.79 J	< 37.6	< 0.29	< 1.05	158	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	12.7 J	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	< 0.0800	39.7	< 1.00	< 0.300	98.5	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-15	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	2.87 J	< 1.05	24.3	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-15D	04/05/12	< 81.8	< 1.11	2.07 J	< 37.6	10.1	< 1.05	36.7	< 2.16
	07/19/12	< 81.8	< 1.11	4.47 J	< 37.6	< 0.29	< 1.05	43.7	< 2.16
	06/09/15	< 8.00	< 0.300	1.76	47.8	< 1.00	< 0.300	78.0	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-16	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-16D	04/05/12	< 81.8	< 1.11	1.63 J	< 37.6	< 0.29	< 1.05	49.8	< 2.16
	07/21/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.87	69.5	< 1.00	< 0.300	**285**	< 1.00
	05/22/18	< 82	< 0.24	0.50 J	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-17	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	8.2 J	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-17D	04/05/12	< 81.8	< 1.11	3.54 J	< 37.6	< 0.29	< 1.05	8.81 J	< 2.16
	07/18/12	< 81.8	< 1.11	0.875 J	< 37.6	< 0.29	< 1.05	6.61 J	< 2.16
	06/10/15	< 8.00	< 0.300	1.67	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	0.52 J	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-18	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	7.91 J	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-18D	04/05/12	< 81.8	< 1.11	31.4	< 37.6	< 0.29	< 1.05	93.6	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	53.8	< 2.16
	06/10/15	< 8.00	< 0.300	23.2	14.6	< 1.00	< 0.300	64.9	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-19	04/05/12	< 81.8	< 1.11	< 74.2	< 37.6	190	< 1.05	**301**	< 2.16
	07/20/12	< 81.8	< 1.11	59	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	47.0	< 1.10	73.2	< 0.300	137	< 1.00
	05/22/18	< 82	< 0.24	25.0	< 10	16.1 J	< 0.24	49.7	< 5.0
MW-19D	04/05/12	< 81.8	< 1.11	5.71	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	5.22	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	1.22	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-20	07/18/12	< 164	< 2.22	< 0.210	< 75.2	51.2	< 2.1	420	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	719	714	< 0.300	**2,570**	< 1.00
	05/21/18	< 410	< 1.2	< 1.2	< 50	156	< 1.2	**675**	< 25
MW-20 Dup	06/12/15	< 8.00	< 0.300	< 0.0800	909	865	< 0.300	**3,040**	< 1.00
MW-20D	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	46.2	2.09 J	66	< 2.16
	06/10/15	< 8.00	< 0.300	< 0.0800	< 1.10	55.6	< 0.300	45.5	< 1.00
	05/21/18	< 82	< 0.24	0.25 J	< 10	54.0	1.2 J	29.4	< 5.0
MW-21	07/18/12	< 8180	< 3760	< 10.5	< 3760	**16,300**	< 105	**32,100**	< 216
	06/21/15	< 8.00	< 0.300	< 0.0800	2,900	**16,100**	< 0.300	**11,200**	< 1.00
	05/21/18	Paved Over							
MW-21D	07/18/12	< 409	< 5.55	< 0.525	< 188	179	< 5.25	**670**	< 10.8
	06/10/15	< 8.00	< 0.300	< 0.0800	1,300	**2,290**	5.21	**6,830**	< 1.00
	05/21/18	< 160	< 0.47	1.3 J	< 20	**1,550**	2.5 J	**1,990**	< 10
MW-22	07/18/12	< 164	< 2.22	< 0.21	< 75.2	27.2	< 2.1	163	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	845	617	< 0.300	**2,090**	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-22D	07/18/12	< 818	< 11.1	< 1.05	< 376	566	< 10.5	2,780	< 21.6
	06/10/15	< 8.00	< 0.300	< 0.0800	1,730	**2,610**	< 0.300	**5,300**	< 1.00
	05/21/18	< 2,000	< 5.9	18.6 J	< 250	**3,340**	< 6.1	**9,330**	< 130
RW-1	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
RW-2	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
PW-1	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/15	< 8.00	< 0.300	2.21	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 131	< 0.07	1.6	< 50	< 3.6	< 0.1	< 50	< 1.9
PW-1 Dup	05/22/18	< 131	< 0.07	1.6	< 50	< 3.6	< 0.1	< 50	< 1.9
PW-2	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/08/15	Not Sampled							

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
Field Blank	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/10/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/11/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/12/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
PW-1	05/22/18	< 131	< 0.07	< 0.12	< 50	< 3.6	< 0.1	< 50	< 1.9
Trip Blank	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 131	< 0.07	< 0.12	< 50	< 3.6	< 0.1	< 50	< 1.9
	05/23/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0

Notes:
1) Results shown in boldface type indicate detected compounds.
2) µg/L - micrograms per liter or parts per billion
3) ALs- SCDHEC Action Levels for Oxygenate Compounds, dated November 2008.
4) NE - Not Established
6) J indicates an estimated value below the laboratory reporting limit
7) 8 Oxygenates abbreviated as:

ETBE = ethyl tert-butyl ether — *TAME = t-amyl methyl ether*
TBA = t-butanol — *1,2-DCA = 1,2-dichloroethane*
TBF = tert-butyl formate — *ETBA = ethyl tert-butanol*
DIPE = diisopropyl ether — *TAA = tert-amyl alcohol*

8) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-1	01/06/12	< 4090	< 55.5	< 5.25	< 1,880	< 14.5	< 52.5	**3,570**	< 108
	04/05/12	< 3,270	< 44.4	77.9J	< 1,500	< 11.6	< 42	**3,880**	< 86.4
	07/19/12	< 1640	< 22.2	32.8J	< 752	< 5.8	< 21.0	**3,520**	< 43.2
	06/11/15	< 8.00	< 0.300	15.7	980	27.5	< 0.300	**1,640**	< 1.00
	03/08/17	< 82	< 0.24	0.91 J	< 10	< 5.3	< 0.24	9.9 J	< 5.0
	05/22/18	< 1,600	< 4.7	17.3 J	< 200	< 110	< 4.9	**1,460**	< 100
MW-2	01/06/12	< 3,270	< 44.4	**836 J**	< 1,500	< 11.6	< 42	**6,820**	< 86.4
	04/05/12	< 4,090	,55.5	124J	< 1,880	149J	< 52.5	**6,580**	< 108
	07/17/12	< 2,050	< 27.8	71.9J	< 940	158J	< 26.3	**6,590**	< 54
	06/08/15	**0.02ft. OF FREE PRODUCT**							
	03/08/17	**0.03ft. OF FREE PRODUCT**							
	05/22/18	< 4,100	< 12	38 J	< 500	< 270	< 12	**3,880**	< 250
MW-2 DUP	05/22/18	< 4,100	< 12	40.3 J	< 500	< 270	< 12	**3,650**	< 250
MW-3	01/06/12	< 164	< 2.22	3.40 J	< 75.2	< 0.58	< 2.1	**243**	< 4.32
	04/05/12	< 81.8	< 1.11	4.64 J	< 37.6	< 0.29	< 1.05	**254**	< 2.16
	07/17/12	< 81.8	< 1.11	1.53J	< 37.6	4.73J	< 1.05	**170**	< 2.16
	06/09/15	< 8.00	< 0.300	2.81	152	< 1.00	< 0.300	193	< 1.00
	03/08/17	NOT SAMPLED							
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	30.1	< 5.0
MW-3D	01/05/12	< 409	< 5.55	42.8	< 188	55.5	< 5.25	**2,280**	< 10.8
	04/05/12	< 409	< 5.55	< 43	< 188	< 62.1	< 5.25	**2,120**	< 10.8
	07/17/12	< 409	< 5.55	36.1	< 188	71	< 5.25	**2,340**	< 10.8
	06/09/15	< 8.00	< 0.300	13.7	81.6	< 1.00	< 0.300	**312**	< 1.00
	05/22/18	< 82	< 0.24	30.8	< 10	69.2	< 0.24	**975**	< 5.0
MW-4	01/06/12	< 164	< 2.22	3.52 J	< 75.2	< 0.58	< 2.1	**691**	< 4.32
	04/05/12	< 81.8	< 1.11	2.34 J	< 37.6	8.65 J	< 1.05	**380**	< 2.16
	07/18/12	< 164	< 2.22	2.88 J	< 75.2	< 0.58	< 2.1	**463**	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	34.9	< 1.00	< 0.300	51.9	< 1.00
	03/08/17	< 200	< 0.59	< 0.60	< 25	< 13	< 0.61	54.2	< 13
	05/22/18	< 82	< 0.24	0.53 J	< 10	< 5.3	< 0.24	76	< 5.0
MW-4 Dup	06/11/15	< 8.00	< 0.300	< 0.0800	44.9	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 200	< 0.59	< 0.60	< 25	< 13	< 0.61	56.4	< 13

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-5	01/06/12	< 818	< 11.1	< 1.05	< 376	< 2.90	< 10.5	**278**	< 21.6
	04/05/12	< 818	< 11.1	< 1.05	< 376	< 2.9	< 10.5	139 J	< 21.6
	07/19/12	< 164	< 2.22	< 0.210	< 75.2	< 0.58	< 2.10	134	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	167	< 1.00	< 0.300	106	< 1.00
	03/08/17	< 410	< 1.2	1.5 J	< 50	< 27	< 1.2	169	< 25
	05/22/18	< 820	< 2.4	12.3	< 100	< 53	< 2.4	**1,370**	< 50
MW-6	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-7	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-8	01/06/12	< 818	< 376	25.9 J	< 11.1	< 2.90	< 10.5	**4,160**	< 21.6
	04/05/12	< 1,640	< 22.2	30.4 J	< 752	< 5.8	< 21.0	**1,360**	< 43.2
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/12/15	< 8.00	< 0.300	4.24	933	< 1.00	< 0.300	**756**	< 1.00
	03/08/17	< 820	< 2.4	4.3 J	< 100	< 53	< 2.4	**447**	< 50
	05/22/18	< 820	< 2.4	6.5 J	< 100	< 53	< 2.4	**610**	< 50
MW-8D	01/05/12	< 81.8	< 1.11	2.74 J	< 37.6	< 0.29	< 1.05	21.4	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.5	18.1	< 1.00	< 0.300	193	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-9	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	10.5 J	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	84.4	< 0.300	62.4	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	82.1	< 0.24	89.3	< 5.0
MW-10	01/06/12	< 81.8	< 1.11	1.07 J	< 37.6	41.2	< 1.05	106	< 2.16
	04/05/12	< 3,270	< 44.4	< 4.2	< 1,500	**1,420**	< 42	**3,930**	< 86.4
	07/18/12	< 2050	< 27.8	< 2.63	< 940	1,270	< 26.3	**3,680**	< 54
	06/12/15	< 8.00	< 0.300	< 0.0800	883	**2,070**	< 0.300	**2,410**	< 1.00
	05/21/18	< 4,100	< 12	< 12	< 500	**1,400**	< 12	**2,280**	< 250
MW-11	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-12	01/06/12	< 3,270	< 44.4	73.4 J	< 1,500	< 11.6	< 42	**10,600**	< 86.4
	04/05/12	< 3,270	< 44.4	77.5 J	< 1,500	< 11.6	< 42	**6,010**	< 86.4
	07/20/12	< 4090	< 55.5	43.5 J	< 1880	< 14.5	< 52.5	**5,210**	< 108
	06/11/15	< 8.00	< 0.300	34.3	4,370	< 1.00	< 0.300	**5,220**	< 1.00
	03/08/17	< 8,200	< 24	34.2 J	< 1,000	< 530	< 24	**3,530**	< 500
	05/22/18	< 8,200	< 24	35.2 J	< 1,000	< 530	< 24	**3,550**	< 500
MW-12 DUP	05/22/18	< 8,200	< 24	34.6 J	< 1,000	< 530	< 24	**3,920**	< 500
MW-13	01/06/12	< 409	< 5.55	15.6 J	< 188	47.2 J	< 5.25	**1,710**	< 10.8
	04/05/12	< 81.8	< 1.11	1.95 J	< 37.6	< 0.29	< 1.05	106	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	Not Sampled - Well Blocked							
MW-14	01/06/12	< 81.8	< 1.11	1.79 J	< 37.6	< 0.29	< 1.05	158	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	12.7 J	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	< 0.0800	39.7	< 1.00	< 0.300	98.5	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-15	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	2.87 J	< 1.05	24.3	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-15D	04/05/12	< 81.8	< 1.11	2.07 J	< 37.6	10.1	< 1.05	36.7	< 2.16
	07/19/12	< 81.8	< 1.11	4.47 J	< 37.6	< 0.29	< 1.05	43.7	< 2.16
	06/09/15	< 8.00	< 0.300	1.76	47.8	< 1.00	< 0.300	78.0	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-16	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-16D	04/05/12	< 81.8	< 1.11	1.63 J	< 37.6	< 0.29	< 1.05	49.8	< 2.16
	07/21/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.87	69.5	< 1.00	< 0.300	**285**	< 1.00
	05/22/18	< 82	< 0.24	0.50 J	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-17	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	8.2 J	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-17D	04/05/12	< 81.8	< 1.11	3.54 J	< 37.6	< 0.29	< 1.05	8.81 J	< 2.16
	07/18/12	< 81.8	< 1.11	0.875 J	< 37.6	< 0.29	< 1.05	6.61 J	< 2.16
	06/10/15	< 8.00	< 0.300	1.67	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	0.52 J	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-18	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	7.91 J	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-18D	04/05/12	< 81.8	< 1.11	31.4	< 37.6	< 0.29	< 1.05	93.6	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	53.8	< 2.16
	06/10/15	< 8.00	< 0.300	23.2	14.6	< 1.00	< 0.300	64.9	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-19	04/05/12	< 81.8	< 1.11	< 74.2	< 37.6	190	< 1.05	**301**	< 2.16
	07/20/12	< 81.8	< 1.11	59	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	47.0	< 1.10	73.2	< 0.300	137	< 1.00
	05/22/18	< 82	< 0.24	25.0	< 10	16.1 J	< 0.24	49.7	< 5.0
MW-19D	04/05/12	< 81.8	< 1.11	5.71	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	5.22	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	1.22	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-20	07/18/12	< 164	< 2.22	< 0.210	< 75.2	51.2	< 2.1	420	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	719	714	< 0.300	**2,570**	< 1.00
	05/21/18	< 410	< 1.2	< 1.2	< 50	156	< 1.2	**675**	< 25
MW-20 Dup	06/12/15	< 8.00	< 0.300	< 0.0800	909	865	< 0.300	**3,040**	< 1.00
MW-20D	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	46.2	2.09 J	66	< 2.16
	06/10/15	< 8.00	< 0.300	< 0.0800	< 1.10	55.6	< 0.300	45.5	< 1.00
	05/21/18	< 82	< 0.24	0.25 J	< 10	54.0	1.2 J	29.4	< 5.0
MW-21	07/18/12	< 8180	< 3760	< 10.5	< 3760	**16,300**	< 105	**32,100**	< 216
	06/21/15	< 8.00	< 0.300	< 0.0800	2,900	**16,100**	< 0.300	**11,200**	< 1.00
	05/21/18	Paved Over							
MW-21D	07/18/12	< 409	< 5.55	< 0.525	< 188	179	< 5.25	**670**	< 10.8
	06/10/15	< 8.00	< 0.300	< 0.0800	1,300	**2,290**	5.21	**6,830**	< 1.00
	05/21/18	< 160	< 0.47	1.3 J	< 20	**1,550**	2.5 J	**1,990**	< 10
MW-22	07/18/12	< 164	< 2.22	< 0.21	< 75.2	27.2	< 2.1	163	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	845	617	< 0.300	**2,090**	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-22D	07/18/12	< 818	< 11.1	< 1.05	< 376	566	< 10.5	2,780	< 21.6
	06/10/15	< 8.00	< 0.300	< 0.0800	1,730	**2,610**	< 0.300	**5,300**	< 1.00
	05/21/18	< 2,000	< 5.9	18.6 J	< 250	**3,340**	< 6.1	**9,330**	< 130
RW-1	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
RW-2	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
PW-1	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/15	< 8.00	< 0.300	2.21	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 131	< 0.07	1.6	< 50	< 3.6	< 0.1	< 50	< 1.9
PW-1 Dup	05/22/18	< 131	< 0.07	1.6	< 50	< 3.6	< 0.1	< 50	< 1.9
PW-2	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/08/15	Not Sampled							

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
Field Blank	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/10/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/11/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/12/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
PW-1	05/22/18	< 131	< 0.07	< 0.12	< 50	< 3.6	< 0.1	< 50	< 1.9
Trip Blank	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 131	< 0.07	< 0.12	< 50	< 3.6	< 0.1	< 50	< 1.9
	05/23/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0

Notes:
1) Results shown in boldface type indicate detected compounds.
2) µg/L - micrograms per liter or parts per billion
3) ALs- SCDHEC Action Levels for Oxygenate Compounds, dated November 2008.
4) NE - Not Established
6) J indicates an estimated value below the laboratory reporting limit
7) 8 Oxygenates abbreviated as:

ETBE = ethyl tert-butyl ether — *TAME = t-amyl methyl ether*
TBA = t-butanol — *1,2-DCA = 1,2-dichloroethane*
TBF = tert-butyl formate — *ETBA = ethyl tert-butanol*
DIPE = diisopropyl ether — *TAA = tert-amyl alcohol*

8) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

APPENDIX A

AFVR Field Data Sheets

AVFR FIELD DATA SHEET

Site: Eddie's Pit Stop - Pageland, SC UST Site # 18871 | **Project No.: 73098106** | **Date: 3/20/18** | **Event #: 4**

	Start Time hh:mm	End Time hh:mm	Time Interval (min)	Elapsed Time (hours)	VOC Concentrations			Off-Gas Velocity (FPM)			Total Flow (CFM)	VOC Emissions		
					Initial (PPM)	Ending (PPM)	Average (PPM)	Initial (FPM)	Ending (FPM)	Average (FPM)		Rate (lbs/hr)	Total (lbs)	Cumulative Total (lbs)
MW-2 3/20/2018	8:00	8:30	30	0.5	79.0	71.0	75.0	527	603	565	50.85	0.045	0.023	0.023
	8:30	9:00	30	1.0	71.0	43.0	57.0	603	565	584	52.56	0.035	0.018	0.040
	9:00	9:30	30	1.5	43.0	29.0	36.0	565	592	579	52.07	0.022	0.011	0.051
	9:30	10:00	30	2.0	29.0	12.0	20.5	592	388	490	44.10	0.011	0.005	0.057
	10:00	10:30	30	2.5	12.0	9.0	10.5	388	287	338	30.38	0.004	0.002	0.058
	10:30	11:00	30	3.0	9.0	14.0	11.5	287	260	274	24.62	0.003	0.002	0.060
	11:00	11:30	30	3.5	14.0	13.0	13.5	260	251	256	23.00	0.004	0.002	0.062
	11:30	12:00	30	4.0	13.0	7.0	10.0	251	312	282	25.34	0.003	0.001	0.063
	12:00	12:30	30	4.5	7.0	4.0	5.5	312	295	304	27.32	0.002	0.001	0.064
	12:30	13:00	30	5.0	4.0	11.0	7.5	295	728	512	46.04	0.004	0.002	0.066
	13:00	13:30	30	5.5	11.0	6.0	8.5	728	923	826	74.30	0.007	0.004	0.070
	13:30	14:00	30	6.0	6.0	3.0	4.5	923	819	871	78.39	0.004	0.002	0.072
	14:00	14:30	30	6.5	3.0	10.0	6.5	819	450	635	57.11	0.004	0.002	0.074
	14:30	15:00	30	7.0	10.0	22.0	16.0	450	406	428	38.52	0.007	0.004	0.078
	15:00	15:30	30	7.5	22.0	6.0	14.0	406	427	417	37.49	0.006	0.003	0.081
	15:30	16:00	30	8.0	6.0	3.0	4.5	427	415	421	37.89	0.002	0.001	0.082

Total Extraction Time.....**8.0** **hours**
Total Liquid Volume..... **35** **gallons**
Total Liquid-phase Hydrocarbon..... **0.0** **gallons**
Total Vapor-phase Hydrocarbon (tot lbs ÷ 5.9)..... **0.014** **gallons**
Total Hydrocarbon Recovery:..... **0.014** **gallons**

TOTAL lbs of VOC emissions = 0.08

Notes:
1. VOC concentrations measured with an Intrinsically Safe TLV (Threshold-Limit Value) sniffer.
2. Off-gas velocity measured with a Dwyer Instruments Series 471 Thermo-Anemometer.
3. Off-gas stack diameter = 4 in.
4. CFM (cubic feet per minute) = FPM X crossectional area of stack (0.089 sq.feet).
5. Revovery Rate - lbs/hr = CFM * PPM * 0.0000118
6. Vapor recovery rate (V_r) calculated with the following equation:

$$V_r \left[\frac{lb}{hr}\right] = \frac{V_c\ ppm_v}{10^6\ ppm_v} \times \frac{74.5\ lb\text{-}mole}{379.5\ ft^3} \times Q\left[\frac{ft^3}{hr}\right]$$

V_r = *vapor recovery rate*
V_c = *vapor concentration*
74.5 lb/mole = average molecular weight of gasoline vapor
379.3 SCF/lb-mole = Ideal Gas law conversion factor
Q = *off-gas velocity* * πr^2 * *60 min/hr*

Event Information

Technician:	Bryan Hyatt
Vacuum Pump:	Squire-Cogswell /C15
Vacuum Type:	Rotary Claw Pump
Event State:	SC
Event County:	Chesterfield
Event City:	Pageland
Disposal Facility:	Regulatory Solutions
Manifest Number:	
Temp:	80 ºF

Ground Water Drawdown Measurements

Site: Eddie's Pit Stop - Pageland, SC UST Site # 18871				Project No.: 730698106		Date: 3/20/18			Event #: 4	
Date	Time	Elapsed Time	Depth of Stinger BTOC (feet)	Depth to Water (feet btoc)						
				Extraction Wells		Observation Wells				
				MW-2	--	MW-1	MW-3	MW-4	MW-17	RW-2
03/20/18	**Initial**	0	14.5	13.59	--	15.39	15.71	16.88	9.45	8.59
	10:00	2.0	20.5	--	--	--	--	--	9.49	8.61
	12:00	4.0	25.5	--	--	--	--	--	9.52	8.64
	14:00	6.0	29.5	--	--	--	--	--	9.55	8.68
	16:00	8.0	33.1	34.21	--	15.47	15.86	16.91	9.57	8.71
Total Groundwater Drawdown				**20.62**	--	**0.08**	**0.15**	**0.03**	**0.12**	**0.12**

Notes:

1) Free product was detected at MW-2 (0.007') prior to the start of the 8-hr AFVR.

STINGER DEPTH ADJUSTMENTS

Site: Eddie's Pit Stop UST Site # 18871	Project No.: 73098106	Date: 3/20/18	Event #: 4

	MW-2			--		
	Depth to Water	Depth to Product	Product Thickness	Depth to Water	Depth to Product	Product Thickness
Pre Event:	13.59	13.52	0.07	--	--	--
Post Event:	34.21	--	--	--	--	--
	Historical Low DTW		33.1	Historical Low DTW		--

			Stinger Depth (feet btoc)					
Date	Time	Elapsed Time	Depth of Stinger BTOC	Change in Depth of Stinger	Depth Above Historical Low DTW	Depth of Stinger BTOC	Change in Depth of Stinger	Depth Above Historical Low DTW
03/20/18	8:00	0	14.5	0.0	18.6	--	--	--
	8:30	0.5	16.0	-1.5	17.1	--	--	--
	9:00	1.0	17.5	-1.5	15.6	--	--	--
	9:30	1.5	19.0	-1.5	14.1	--	--	--
	10:00	2.0	20.5	-1.5	12.6	--	--	--
	10:30	2.5	22.0	-1.5	11.1	--	--	--
	11:00	3.0	23.5	-1.5	9.6	--	--	--
	11:30	3.5	24.0	-0.5	9.1	--	--	--
	12:00	4.0	25.5	-1.5	7.6	--	--	--
	12:30	4.5	26.0	-0.5	7.1	--	--	--
	13:00	5.0	27.5	-1.5	5.6	--	--	--
	13:30	5.5	28.0	-0.5	5.1	--	--	--
	14:00	6.0	29.5	-1.5	3.6	--	--	--
	14:30	6.5	30.0	-0.5	3.1	--	--	--
	15:00	7.0	31.5	-1.5	1.6	--	--	--
	15:30	7.5	32.5	-1.0	0.6	--	--	--
	16:00	8.0	33.1	-0.6	0	--	--	--

VACUUM RADIUS OF INFLUENCE

Site: Eddie's Pit Stop - Pageland, SC	UST Site # 18871	Project No.: 73098106	Date: 3/20/18	Event #: 4

Date	Time	Elapsed Time	System Vacuum	MW-2	--	--	--	MW-1	MW-3	MW-4	--	--
				Stinger Head Vacuum				Distance to Nearest Fluid/Vapor Recovery Well				
								25 ft	30 ft	37.5 ft	--	--
	8:00	Start	--	Vacuum (Inches of Mercury Hg)								
03/20/18	8:30	0.5	20.5	21.0	--	--	--	0.00	0.00	0.00	--	--
	9:00	1.0	19.0	22.0	--	--	--	0.00	0.00	0.00	--	--
	9:30	1.5	19.5	21.0	--	--	--	0.00	0.00	0.00	--	--
	10:00	2.0	20.0	24.0	--	--	--	0.00	0.00	0.00	--	--
	10:30	2.5	22.5	24.0	--	--	--	0.00	0.00	0.00	--	--
	11:00	3.0	22.0	24.5	--	--	--	0.00	0.00	0.00	--	--
	11:30	3.5	21.0	28.0	--	--	--	0.00	0.00	0.00	--	--
	12:00	4.0	20.5	30.0	--	--	--	0.00	0.00	0.00	--	--
	12:30	4.5	21.0	28.0	--	--	--	0.00	0.00	0.00	--	--
	13:00	5.0	21.5	27.0	--	--	--	0.00	0.00	0.00	--	--
	13:30	5.5	21.0	25.0	--	--	--	0.00	0.00	0.00	--	--
	14:00	6.0	20.0	26.0	--	--	--	0.00	0.00	0.00	--	--
	14:30	6.5	20.0	28.5	--	--	--	0.00	0.00	0.00	--	--
	15:00	7.0	17.0	29.0	--	--	--	0.00	0.00	0.00	--	--
	15:30	7.5	16.5	29.0	--	--	--	0.00	0.00	0.00	--	--
	16:00	8.0	15.0	29.5	--	--	--	0.00	0.00	0.00	--	--

Notes:

1) Hg- Inches Of Mercury

2) Vacuum Recorded as a Negative Pressure in Hg

AVFR FIELD DATA SHEET

Site: Eddie's Pit Stop - Pageland, SC UST Site # 18871 | **Project No.: 73098106** | **Date: 4/13/18** | **Event #: 4a**

	Start Time hh:mm	End Time hh:mm	Time Interval (min)	Elapsed Time (hours)	VOC Concentrations			Off-Gas Velocity (FPM)			Total Flow (CFM)	VOC Emissions		
					Initial (PPM)	Ending (PPM)	Average (PPM)	Initial (FPM)	Ending (FPM)	Average (FPM)		Rate (lbs/hr)	Total (lbs)	Cumulative Total (lbs)
MW-2 4/13/2018	8:00	8:30	30	0.5	44.0	23.0	33.5	881	614	748	67.28	0.027	0.013	0.013
	8:30	9:00	30	1.0	23.0	18.0	20.5	614	302	458	41.22	0.010	0.005	0.018
	9:00	9:30	30	1.5	18.0	16.0	17.0	302	315	309	27.77	0.006	0.003	0.021
	9:30	10:00	30	2.0	16.0	7.0	11.5	315	206	261	23.45	0.003	0.002	0.023
	10:00	10:30	30	2.5	7.0	5.0	6.0	206	218	212	19.08	0.001	0.001	0.023
	10:30	11:00	30	3.0	5.0	3.0	4.0	218	399	309	27.77	0.001	0.001	0.024
	11:00	11:30	30	3.5	3.0	2.0	2.5	399	331	365	32.85	0.001	0.000	0.024
	11:30	12:00	30	4.0	2.0	5.0	3.5	331	359	345	31.05	0.001	0.001	0.025
	12:00	12:30	30	4.5	5.0	3.0	4.0	359	301	330	29.70	0.001	0.001	0.026
	12:30	13:00	30	5.0	3.0	7.0	5.0	301	531	416	37.44	0.002	0.001	0.027
	13:00	13:30	30	5.5	7.0	3.0	5.0	531	509	520	46.80	0.003	0.001	0.028
	13:30	14:00	30	6.0	3.0	5.0	4.0	509	508	509	45.77	0.002	0.001	0.029
	14:00	14:30	30	6.5	5.0	3.0	4.0	508	492	500	45.00	0.002	0.001	0.030
	14:30	15:00	30	7.0	3.0	5.0	4.0	492	501	497	44.69	0.002	0.001	0.031
	15:00	15:30	30	7.5	5.0	6.0	5.5	501	468	485	43.61	0.003	0.001	0.033
	15:30	16:00	30	8.0	6.0	2.0	4.0	468	407	438	39.38	0.002	0.001	0.034

Total Extraction Time.....**8.0** **hours**
Total Liquid Volume..... **40** **gallons**
Total Liquid-phase Hydrocarbon..... **0.0** **gallons**
Total Vapor-phase Hydrocarbon (tot lbs ÷ 5.9)..... **0.0** **gallons**
Total Hydrocarbon Recovery:..... **0.0057** **gallons**

TOTAL lbs of VOC emissions = 0.03

Event Information

Technician:	Bryan Hyatt
Vacuum Pump:	Squire-Cogswell /C15
Vacuum Type:	Rotary Claw Pump
Event State:	SC
Event County:	Chesterfield
Event City:	Pageland
Disposal Facility:	Regulatory Solutions
Manifest Number:	
Temp:	90 ºF

Notes:
1. VOC concentrations measured with an Intrinsically Safe TLV (Threshold-Limit Value) sniffer.
2. Off-gas velocity measured with a Dwyer Instruments Series 471 Thermo-Anemometer.
3. Off-gas stack diameter = 4 in.
4. CFM (cubic feet per minute) = FPM X crossectional area of stack (0.089 sq.feet).
5. Revovery Rate - lbs/hr = CFM * PPM * 0.0000118
6. Vapor recovery rate (V_r) calculated with the following equation:

$$V_r \left[\frac{lb}{hr}\right] = \frac{V_c\ ppm_v}{10^6\ ppm_v} \times \frac{74.5\ lb\text{-}mole}{379.5\ ft^3} \times Q\left[\frac{ft^3}{hr}\right]$$

V_r = *vapor recovery rate*
V_c = *vapor concentration*
74.5 lb/mole = average molecular weight of gasoline vapor
379.3 SCF/lb-mole = Ideal Gas law conversion factor
*Q = off-gas velocity * πr^2 * 60 min/hr*

Ground Water Drawdown Measurements

Site: Eddie's Pit Stop - Pageland, SC UST Site # 18871				Project No.: 730698106		Date: 4/13/18			Event #: 4a	
Date	Time	Elapsed Time	Depth of Stinger BTOC (feet)	Depth to Water (feet btoc)						
				Extraction Wells		Observation Wells				
				MW-2	--	RW-2	MW-17	--	--	--
04/13/18	**Initial**	0	15.5	14.46	--	12.02	12.17	--	--	--
	10:00	2.0	20.5	--	--	12.09	12.22	--	--	--
	12:00	4.0	25.5	--	--	12.09	12.25	--	--	--
	14:00	6.0	29.5	--	--	12.09	12.23	--	--	--
	16:00	8.0	33.1	32.31	--	12.09	12.22	--	--	--
Total Groundwater Drawdown				**17.85**	--	**0.1**	**0.1**	**--**	**--**	**--**

Notes:

1) Free product was detected at MW-2 (0.001') prior to the start of the 8-hr AFVR.

STINGER DEPTH ADJUSTMENTS

Site: Eddie's Pit Stop UST Site # 18871	Project No.: 73098106	Date: 4/13/18	Event #: 4a

	MW-2			--		
	Depth to Water	Depth to Product	Product Thickness	Depth to Water	Depth to Product	Product Thickness
Pre Event:	14.46	14.45	0.01	--	--	--
Post Event:	32.31	--	--	--	--	--
	Historical Low DTW		33.1	Historical Low DTW		--

			Stinger Depth (feet btoc)					
Date	Time	Elapsed Time	Depth of Stinger BTOC	Change in Depth of Stinger	Depth Above Historical Low DTW	Depth of Stinger BTOC	Change in Depth of Stinger	Depth Above Historical Low DTW
04/13/18	8:00	0	15.5	0.0	17.6	--	--	--
	8:30	0.5	16.0	-0.5	17.1	--	--	--
	9:00	1.0	17.5	-1.5	15.6	--	--	--
	9:30	1.5	19.0	-1.5	14.1	--	--	--
	10:00	2.0	20.5	-1.5	12.6	--	--	--
	10:30	2.5	22.0	-1.5	11.1	--	--	--
	11:00	3.0	23.5	-1.5	9.6	--	--	--
	11:30	3.5	24.0	-0.5	9.1	--	--	--
	12:00	4.0	25.5	-1.5	7.6	--	--	--
	12:30	4.5	26.0	-0.5	7.1	--	--	--
	13:00	5.0	27.5	-1.5	5.6	--	--	--
	13:30	5.5	28.0	-0.5	5.1	--	--	--
	14:00	6.0	29.5	-1.5	3.6	--	--	--
	14:30	6.5	30.0	-0.5	3.1	--	--	--
	15:00	7.0	31.5	-1.5	1.6	--	--	--
	15:30	7.5	32.5	-1.0	0.6	--	--	--
	16:00	8.0	33.1	-0.6	0	--	--	--

VACUUM RADIUS OF INFLUENCE

Site: Eddie's Pit Stop - Pageland, SC	UST Site # 18871	Project No.: 73098106	Date: 4/13/18	Event #: 4a

Date	Time	Elapsed Time	System Vacuum	MW-2	--	--	--	MW-1	MW-3	MW-4	--	--
				Stinger Head Vacuum				Distance to Nearest Fluid/Vapor Recovery Well				
								25 ft	30 ft	37.5 ft	--	--
	8:00	Start	--	Vacuum (Inches of Mercury Hg)								
04/13/18	8:30	0.5	20.0	18.0	--	--	--	0	0	0	--	--
	9:00	1.0	20.0	18.0	--	--	--	0	0	0	--	--
	9:30	1.5	20.0	18.0	--	--	--	0	0	0	--	--
	10:00	2.0	20.0	17.5	--	--	--	0	0	0	--	--
	10:30	2.5	20.0	18.0	--	--	--	0	0	0	--	--
	11:00	3.0	20.0	18.5	--	--	--	0	0	0	--	--
	11:30	3.5	20.0	18.5	--	--	--	0	0	0	--	--
	12:00	4.0	20.0	18.0	--	--	--	0	0	0	--	--
	12:30	4.5	20.0	18.5	--	--	--	0	0	0	--	--
	13:00	5.0	20.0	19.0	--	--	--	0	0	0	--	--
	13:30	5.5	21.0	18.0	--	--	--	0	0	0	--	--
	14:00	6.0	20.0	17.0	--	--	--	0	0	0	--	--
	14:30	6.5	18.5	17.0	--	--	--	0	0	0	--	--
	15:00	7.0	19.0	18.0	--	--	--	0	0	0	--	--
	15:30	7.5	20.0	18.5	--	--	--	0	0	0	--	--
	16:00	8.0	20.0	18.0	--	--	--	0	0	0	--	--

Notes:

1) Hg- Inches Of Mercury

2) Vacuum Recorded as a Negative Pressure in Hg

APPENDIX B

Ground Water Sampling Logs and Laboratory Analytical Report

Terracon

WATER/PRODUCT LEVEL MEASUREMENT LOG

PROJECT NAME Eddies Pit Stop

PROJECT NO. 73098106

DATE 5-21-18

EQUIPMENT USED Interface Probe — R = Needs Repair or Replacement

FIELD PERSONNEL Brian Hyatt — C = Completed Repair/ Replacement

Well Head Summary

Well ID	Depth to Water	Depth to Product	Product Thickness	Total Depth	Vault	Bolts	Lid	Lock/ Cap	ID Plate	Comments
MW-1	17.01									
MW-2	21.18									
MW-3	16.83									
MW-30	17.80									
MW-4	18.17									
MW-5	15.37									
MW-6	11.85									
MW-7	12.29									
MW-8	18.05									
MW-8D	16.01									
MW-9	20.91									
MW-10	13.68									
MW-11	13.85									
MW-12	9.89									
MW-13	9.52									
MW-14	11.01									
MW-15	10.59									
MW-15D	10.09									
MW-16	11.03									
MW-16D	11.26									

Comments:

Terracon

WATER/PRODUCT LEVEL MEASUREMENT LOG

PROJECT NAME Eddies Pit Stop

PROJECT NO. 73098106

DATE 5-21-18

EQUIPMENT USED Interface Probe

FIELD PERSONNEL Regan Norris Brian Hyatt

R = Needs Repair or Replacement

C = Completed Repair/ Replacement

Well Head Summary

Well ID	Depth to Water	Depth to Product	Product Thickness	Total Depth	Vault	Bolts	Lid	Lock/ Cap	ID Plate	Comments
MW-17	11.53									
MW-17D	18.10									
MW-18	10.00									
MW-18D	10.00									
MW-19	21.82									
MW-19D	10.00									
MW-20	15.92									
MW-20D	17.00									
MW-21D	17.62									
MW-22	16.33									
MW-22D	15.76									
RW-1	12.22									
RW-2	11.75									

Comments:

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-1
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1145

Total Well Depth:	33 - 43	ft. BTOC	
Depth to water:	17.01	ft. BTOC	
Length of Water Column (LWC):	25.99	ft.	
Casing Diameter:	2.0	in.	
1 Casing Volume = LWC x	0.17 =	4.4	gal.
3 Casing Volumes:	13.25	gal.	
Total Volume Purged (gal)	13.25		
Remarks:			

Field Analyses

Time	Initial						
Volume Purged (mL)	.25	4.4	4.4	4.4			
Cumlative Purge Total (mL)	.25	4.4	8.8	13.2			
pH	5.81	5.73	5.67	5.59			
Specific Conductivity (umhos/cm)	203	312	322	319			
Water Temperature ©	20.92	20.71	20.63	20.58			
Turbidity	25.4	16.8	14.2	10.2			
Dissolved Oxygen (mg/L)	0.84	0.78	0.67	0.56			

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Groundwater Sampling Log

Well ID:	18871/ MW 2
Date:	5-22-13
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Cloudy
Air Temperature:	75°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1015

Total Well Depth:	28 - 43 ft. BTOC
Depth to water:	21.18 ft. BTOC
Length of Water Column (LWC):	21.82 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	3.7 gal.
3 Casing Volumes:	~~13.69~~ 11.1 gal.
Total Volume Purged (gal)	11.1
Remarks:	

Field Analyses

Time	1010 Start						
Volume Purged (mL)	~	3.7	7.4	11.1			
Cumlative Purge Total (mL)	~						
pH	5.42	5.49	5.71	5.86			
Specific Conductivity (umhos/cm)	139	157	168	175			
Water Temperature ©	20.78	20.54	20.43	20.39			
Turbidity	11.8	8.7	9.4	9.8			
Dissolved Oxygen (mg/L)	2.79	2.54	2.46	2.38			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-3
Date:	5.22.18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Cloudy
Air Temperature:	74°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1000

Total Well Depth:	30-45 ft. BTOC
Depth to water:	16.83 ft. BTOC
Length of Water Column (LWC):	28.17 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	4.8 gal.
3 Casing Volumes:	14.4 gal.
Total Volume Purged (gal)	14.4
Remarks:	

Field Analyses

Time	0955 S/Int						
Volume Purged (mL)	Int.	4.8	4.8	4.8			
Cumlative Purge Total (mL)		4.8	9.6	14.4			
pH	5.46	5.59	5.67	5.71			
Specific Conductivity (umhos/cm)	138	147	154	161			
Water Temperature ©	21.54	21.03	21.01	20.98			
Turbidity	8.1	9.2	10.7	9.8			
Dissolved Oxygen (mg/L)	1.95	1.73	1.65	1.52			

Terracon

Groundwater Sampling Log

Page ____ of ____

Well ID:	18871/ MW- 3D
Date:	5-22-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1935

Total Well Depth (Measured):	55.60 ft. BTOC
Measured: Yes / No Circle One	
Screen Interval	ft. BTOC
Depth to water:	17.8 ft.
Length of Water Column (LWC):	42.2 ft.
Casing Diameter:	2
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: .98
Remarks:	

Field Analyses

Time	Intial 1900	1905	1910	1915	1920	1925	1930
Flow Rate (measured):	120mL/min	120mL/min	120mL/min	120mL/min	120mL/min	120mL/min	120mL/min
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	17.80	18.08	18.11	18.13	18.15	18.17	18.19
pH	7.99	7.38	6.55	6.58	6.45	6.68	6.41
Specific Conductivity (umhos/cm)	342	401	382	402	402	399	400
Water Temperature ©	23.65	21.51	21.22	21.17	21.19	20.97	21.05
Turbidity	20.6	6.7	12.2	6.3	3.0	2.1	1.7
Dissolved Oxygen (mg/L)	4.99	4.22	4.36	4.31	4.03	4.30	3.8

FB

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Groundwater Sampling Log

Well ID:	18871/ MW-4
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	88
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1206

Total Well Depth:	34 - 49	ft. BTOC
Depth to water:	18.17	ft. BTOC
Length of Water Column (LWC):	30.83	ft.
Casing Diameter:	2.0	in.
1 Casing Volume = LWC x 0.17 =	5.2	gal.
3 Casing Volumes:	15.7	gal.
Total Volume Purged (gal)	15.6	
Remarks:		

Field Analyses

Time	Initial						
Volume Purged (mL)	—	5.2	5.2	5.2			
Cumlative Purge Total (mL)	—	5.2	10.4	15.6			
pH	5.56	5.59	5.73	5.88			
Specific Conductivity (umhos/cm)	110	137	149	156			
Water Temperature ©	20.07	20.12	20.09	20.11			
Turbidity	7.9	8.6	7.3	9.3			
Dissolved Oxygen (mg/L)	1.28	1.11	1.06	1.01			

Terracon

Groundwater Sampling Log

Page ____ of ____

Well ID:	18871/ MW-5
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	88°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	~~1815~~ 1750

Total Well Depth:	15-25' ft. BTOC
Depth to water:	15.37 ft. BTOC
Length of Water Column (LWC):	____ ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	____ gal.
3 Casing Volumes:	____ gal.
Total Volume Purged (gal)	____
Remarks:	____

Field Analyses

Time	~~Initial~~	~~1750~~	~~1830~~	~~1840~~			
Volume Purged (mL)							
Cumlative Purge Total (mL)							
pH	5.54						
Specific Conductivity (umhos/cm)	194						
Water Temperature ©	19.54						
Turbidity	29.5						
Dissolved Oxygen (mg/L)	4.27						

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-6
Date:	5-21-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	80
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	11:45

Total Well Depth:	25-35	ft. BTOC
Depth to water:	11.85	ft. BTOC
Length of Water Column (LWC):	23.2	ft.
Casing Diameter:	2.0	in.
1 Casing Volume = LWC x 0.17 =	3.9	gal.
3 Casing Volumes:	11.8	gal.
Total Volume Purged (gal)	11.8	
Remarks:		

Field Analyses

Time	11:40						
Volume Purged (mL)	–	3.9	3.9	3.9			
Cumlative Purge Total (mL)	–	3.9	7.8	11.7			
pH	5.16	5.29	5.43	5.53			
Specific Conductivity (umhos/cm)	121	139	142	151			
Water Temperature ©	21.08	21.13	21.07	21.09			
Turbidity	0.0	3.7	4.9	8.3			
Dissolved Oxygen (mg/L)	7.03	5.34	5.01	4.98			

Terracon

Groundwater Sampling Log

Page ____ of ____

Well ID:	18871/ MW- 7
Date:	5-22-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	85
Well Evacuation Method:	~~Peristaltic Pump~~ bailer
Sample Collection Method:	~~Peristaltic Pump~~ bailer
Sampled at (time):	1105

Total Well Depth (Measured):	24-34 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	ft. BTOC
Depth to water:	12.29 ft.
Length of Water Column (LWC):	21.71 in.
Casing Diameter:	2
1 purge volume 3.7	
Total Volume Purged (mL)	/ 3785.412 = Total Gallons:
Remarks:	

Field Analyses

Time	1105						
Flow Rate (measured):	—						
Volume Purged (mL)	—	3.7	3.7	3.7			
Cumlative Purge Total (mL)	—	3.7	7.4	11.1			
DTW	12.29						
pH	5.33	5.54	5.46	5.58			
Specific Conductivity (umhos/cm)	100	122	129	137			
Water Temperature ©	21.53	21.42	21.45	21.53			
Turbidity	5.5	7.8	9.2	10.1			
Dissolved Oxygen (mg/L)	4.25	3.78	3.12	2.88			

Terracon

Groundwater Sampling Log

Page ____ of ____

Well ID:	18871/ MW-8
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	82°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1130

Total Well Depth:	25 - 35 ft. BTOC
Depth to water:	18.05 ft. BTOC
Length of Water Column (LWC):	16.95 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	2.9 gal.
3 Casing Volumes:	8.7 gal.
Total Volume Purged (gal)	
Remarks:	

Field Analyses

Time	initial						
Volume Purged (mL)	\	2.9	2.9	2.9			
Cumlative Purge Total (mL)	\	2.9	5.8	8.7			
pH	5.86	5.93	6.12	6.23			
Specific Conductivity (umhos/cm)	213	221	234	245			
Water Temperature ©	22.48	22.31	22.27	22.25			
Turbidity	3.7	4.3	6.1	8.9			
Dissolved Oxygen (mg/L)	0.74	0.93	0.87	0.91			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 8D
Date:	5-22-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1230

Total Well Depth (Measured): 55 - 60 ft. BTOC

Measured: Yes / No Circle One

Screen Interval _____ ft. BTOC

Depth to water: 16 ft.

Length of Water Column (LWC): _____ in.

Casing Diameter: _____

Total Volume Purged (mL) 4030 / 3785.412 = Total Gallons: _____

Remarks: _____

Field Analyses

Time	Initial 1155	1200	1205	1210	1215	1220	1225
Flow Rate (measured):	130 mL/min	130 mL/min	130 mL/min	130 mL/min	130 mL/min	130 mL/min	130 mL/min
Volume Purged (mL)	130	650	650	650	650	650	650
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	16.61	19.00	19.21	19.52	19.89	20.01	20.19
pH	6.34	6.46	6.56	5.97	6.28	6.30	6.21
Specific Conductivity (umhos/cm)	233	227	233	226	233	231	231
Water Temperature ©	20.73	20.05	21.07	20.61	20.99	20.47	20.31
Turbidity	3.1	3.1	1.6	0.5	1.7	2.0	2.6
Dissolved Oxygen (mg/L)	1.76	2.53	2.64	2.05	2.12	2.83	2.61

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-9
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Cloudy
Air Temperature:	76°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	0910

Total Well Depth:	24 - 34' ft. BTOC
Depth to water:	20.91 ft. BTOC
Length of Water Column (LWC):	13.09 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	2.22 gal.
3 Casing Volumes:	6.7 gal.
Total Volume Purged (gal)	
Remarks:	

Field Analyses

Time	0900						
Volume Purged (mL)	—	2.2	2.2	2.2			
Cumlative Purge Total (mL)		2.2	4.4	6.6			
pH	5.06	5.19	5.26	5.37			
Specific Conductivity (umhos/cm)	73	89	101	112			
Water Temperature ©	21.28	21.47	21.31	21.27			
Turbidity	10.1	9.7	9.7	9.1			
Dissolved Oxygen (mg/L)	5.93	5.71	5.63	5.31			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-10
Date:	5-21-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	sunny
Air Temperature:	90
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1400

Total Well Depth:	25 - 35	ft. BTOC
Depth to water:	13.68	ft. BTOC
Length of Water Column (LWC):	21.32	ft.
Casing Diameter:	2.0	in.
1 Casing Volume = LWC x 0.17 =	3.62	gal.
3 Casing Volumes:	10.9	gal.
Total Volume Purged (gal)		
Remarks:		

Field Analyses

Time	1358						
Volume Purged (mL)	-	3.6	3.6	3.6			
Cumlative Purge Total (mL)	-	3.6	7.2	10.8			
pH	4.86	4.81	5.21	5.33			
Specific Conductivity (umhos/cm)	81	93	107	112			
Water Temperature ©	22.05	21.95	21.83	21.73			
Turbidity	0.1	3.2	4.6	3.9			
Dissolved Oxygen (mg/L)	2.87	2.13	2.03	1.97			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-11
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	88°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1745

Total Well Depth:	19.5 - 34.5 ft. BTOC
Depth to water:	13.85 ft. BTOC
Length of Water Column (LWC):	20.65 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	3.5 gal.
3 Casing Volumes:	10.53 gal.
Total Volume Purged (gal)	10.5
Remarks:	

Field Analyses

Time	intial	1720	1730	1740			
Volume Purged (mL)		3.5	3.5	3.5			
Cumlative Purge Total (mL)	—	3.5	7	10.5			
pH	6.31	4.92	4.99	4.94			
Specific Conductivity (umhos/cm)	118	71	80	88			
Water Temperature ©	18.00	17.63	17.73	17.77			
Turbidity	5.5	62.2	64.2	105			
Dissolved Oxygen (mg/L)	4.94	4.68	4.54	4.53			

Terracon

Groundwater Sampling Log

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Well ID:	18871/ MW-12 (DP)	Total Well Depth:	20-35 ft. BTOC
Date:	5-22-18	Depth to water:	9.89 ft. BTOC
Site Name:	Eddie's Pit Stop	Length of Water Column (LWC):	25.11 ft.
Project No.:	73098106	Casing Diameter:	2.0 in.
Field Personnel:	Brian Hyatt/ Cam Frierson	1 Casing Volume = LWC x 0.17 =	4.2 gal.
Weather Conditions:	Sunny	3 Casing Volumes:	12.8 gal.
Air Temperature:	88°	Total Volume Purged (gal)	12.8
Well Evacuation Method:	Bailer	Remarks:	
Sample Collection Method:	Bailer		
Sampled at (time):	1715		

Field Analyses

Time	Initial	1650	1800	1710			
Volume Purged (mL)		4.2	4.2	4.2			
Cumlative Purge Total (mL)		4.2	8.4	12.6			
pH	6.00	5.97	5.95	5.94			
Specific Conductivity (umhos/cm)	275	270	278	286			
Water Temperature ©	18.41	17.70	17.41	18.13			
Turbidity	10.3	33.4	38.9	12.2			
Dissolved Oxygen (mg/L)	1.96	1.47	1.61	1.64			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-13
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	86°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1610

Total Well Depth:	20 - 35' ft. BTOC
Depth to water:	9.52 ft. BTOC
Length of Water Column (LWC):	25.48 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	4.3 gal.
3 Casing Volumes:	12.9 gal.
Total Volume Purged (gal)	12.9
Remarks:	

Field Analyses

Time	Initial	1545	1555	1605			
Volume Purged (mL)							
Cumlative Purge Total (mL)							
pH	5.31	5.34	5.32	5.27			
Specific Conductivity (umhos/cm)	128	121	125	127			
Water Temperature ©	17.51	17.21	17.18	17.21			
Turbidity	22	58	79	34			
Dissolved Oxygen (mg/L)	121.0	239.0	331.0	301.0			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-14
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	88°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1455

Total Well Depth:	20 - 35	ft. BTOC
Depth to water:	11.01	ft. BTOC
Length of Water Column (LWC):	23.99	ft.
Casing Diameter:	2.0	in.
1 Casing Volume = LWC x 0.17 =	4	gal.
3 Casing Volumes:	12	gal.
Total Volume Purged (gal)	12	
Remarks:		

Field Analyses

Time	Initial	1425	1435	1445			
Volume Purged (mL)							
Cumlative Purge Total (mL)							
pH	5.34	5.16	5.05	5.01			
Specific Conductivity (umhos/cm)	124.0	121.0	118.0	116.0			
Water Temperature ©	18.0	17.96	17.94	17.96			
Turbidity	8.3	78	96	101			
Dissolved Oxygen (mg/L)	5.36	5.12	4.98	4.95			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-15
Date:	5.22.19
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	~~88~~ Sunny
Air Temperature:	88°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1535

Total Well Depth:	17-30'	ft. BTOC	
Depth to water:	10.59	ft. BTOC	
Length of Water Column (LWC):	21.41	ft.	
Casing Diameter:	2.0	in.	
1 Casing Volume = LWC x 0.17 =	3.6	gal.	
3 Casing Volumes:	10.8	gal.	
Total Volume Purged (gal)	10.8		
Remarks:			

Field Analyses

Time	Intial	1510	1520	1530			
Volume Purged (mL)							
Cumlative Purge Total (mL)							
pH	5.90	5.76	5.50	5.18			
Specific Conductivity (umhos/cm)	138	76	38.7	100.5			
Water Temperature ©	17.50	16.94	16.78	17.23			
Turbidity	3.0	55.6	133	165			
Dissolved Oxygen (mg/L)	4.10	4.78	4.22	5.10			

Terracon

Groundwater Sampling Log

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Well ID:	18871/ MW- 15D
Date:	5-22-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1535

Total Well Depth (Measured): 55-60 ft. BTOC

Measured: Yes / No Circle One

Screen Interval _____ ft. BTOC

Depth to water: 10.00 ft.

Length of Water Column (LWC): _____ in.

Casing Diameter: _____

Total Volume Purged (mL) 4030 / 3785.412 = Total Gallons: _____

Remarks: _____

Field Analyses

Time	intial 1500	1505	1510	1515	1520	1525	1530
Flow Rate (measured):	130mL/min	130mL/min	130mL/min	130mL/min	130mL/min	130mL/min	130mL/min
Volume Purged (mL)	130	650	650	650	650	650	650
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	10.71	11.30	11.42	11.53	11.57	11.60	11.62
pH	5.24	5.32	5.04	5.14	5.22	5.25	5.63
Specific Conductivity (umhos/cm)	108	102.9	132.1	126.4	159.3	191.2	134.2
Water Temperature ©	19.81	18.06	17.74	18.06	17.96	17.73	17.62
Turbidity	8.1	3.1	3.7	3.0	2.5	1.3	1.8
Dissolved Oxygen (mg/L)	5.95	6.20	6.41	3.24	3.27	5.51	3.72

Terracon

Groundwater Sampling Log

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Well ID:	18871/ MW-16
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	81°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	~~1350~~ 1400

Total Well Depth:	17 - 32 ft. BTOC
Depth to water:	11.03 ft. BTOC
Length of Water Column (LWC):	20.97 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	3.5 gal.
3 Casing Volumes:	10.5 gal.
Total Volume Purged (gal)	10.5
Remarks:	

Field Analyses

Time	Initial	1330	1340	1350			
Volume Purged (mL)	~~1.74~~	~~3.5~~	~~3.5~~	~~3.5~~			
Cumlative Purge Total (mL)							
pH	6.74	5.02	4.76	4.74			
Specific Conductivity (umhos/cm)	120	115	114	98			
Water Temperature ©	18.88	17.40	18.29	18.16			
Turbidity	4.2	6.05	114	78			
Dissolved Oxygen (mg/L)	6.04	5.99	5.90	5.87			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 16D
Date:	5-22-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1435

Total Well Depth (Measured): 55-60 ft. BTOC

Measured: Yes / No Circle One

Screen Interval _____ ft. BTOC

Depth to water: 11.00 ft.

Length of Water Column (LWC): _____ in.

Casing Diameter: _____

Total Volume Purged (mL) _____ / 3785.412 = Total Gallons: _____

Remarks: _____

Field Analyses

Time	Int. at 1400	1405	1410	1415	1420	1425	1430
Flow Rate (measured):	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min
Volume Purged (mL)	140	700	700	700	700	700	700
Cumlative Purge Total (mL)	140	840	1540	2240	2940	3640	4340
DTW	11.26	11.89	11.95	11.99	12.01	12.03	12.08
pH	5.01	5.40	5.69	5.56	5.58	5.57	5.39
Specific Conductivity (umhos/cm)	176.0	173.0	209.6	179.7	221	180	228.5
Water Temperature ©	18.36	18.35	18.52	18.41	18.31	18.66	18.34
Turbidity	94.0	41.7	48.4	17.8	17.7	6.7	13.6
Dissolved Oxygen (mg/L)	5.40	5.48	5.63	5.52	5.47	5.44	5.67

Terracon

Groundwater Sampling Log

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Well ID:	18871/ MW - 17
Date:	5-21-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	85
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1200

Total Well Depth:	20 - 35 ft. BTOC
Depth to water:	11.53 ft. BTOC
Length of Water Column (LWC):	23.47 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	gal.
3 Casing Volumes:	gal.
Total Volume Purged (gal)	
Remarks:	

Field Analyses

Time	1155						
Volume Purged (mL)	—						
Cumlative Purge Total (mL)	—						
pH	4.71	4.98	5.12	5.18			
Specific Conductivity (umhos/cm)	83	98	102	101			
Water Temperature ©	21.25	21.10	20.9	20.8			
Turbidity	1.4	2.7	3.7	4.3			
Dissolved Oxygen (mg/L)	3.20	3.16	3.02	2.98			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 17D
Date:	5-21-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	90
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1525

Total Well Depth (Measured): 60 ft. BTOC

Measured: Yes / (No) Circle One

Screen Interval 55-60 ft. BTOC

Depth to water: 18.10 ft.

Length of Water Column (LWC): 41.9 in.

Casing Diameter: 2

Total Volume Purged (mL) 3534 / 3785.412 = Total Gallons: 0.85

Remarks:

Field Analyses

Time	Initial 1450	1455	1500	1505	1510	1515	1520
Flow Rate (measured):	114mL/min	114mL/min	114mL/min	114mL/min	114mL/min	114mL/min	114mL/min
Volume Purged (mL)	114mL	570	570	570	570	570	570
Cumlative Purge Total (mL)	114	684	1254	1824	2394	2964	3534
DTW	18.00	18.43	18.65	18.69	18.71	18.74	18.75
pH	5.63	5.40	5.19	5.22	5.05	5.00	5.07
Specific Conductivity (umhos/cm)	85	85	83	85	85	85	84
Water Temperature ©	22.73	21.82	22.38	22.24	21.85	22.06	21.93
Turbidity	10.2	12.2	9.19	2.3	2.8	1.9	1.5
Dissolved Oxygen (mg/L)	2.46	2.72	2.39	2.84	2.29	1.91	0.80

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-18
Date:	
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	
Air Temperature:	
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1825

Total Well Depth (Measured): 32 ft. BTOC

Measured: Yes / (No) Circle One

Screen Interval 17-32 ft. BTOC

Depth to water: 10.00 ft.

Length of Water Column (LWC): ____ in.

Casing Diameter: ____

Total Volume Purged (mL) 4340 / 3785.412 = Total Gallons: ____

Remarks: ____

Field Analyses

Time	intial 1750	1755	1800	1805	1810	1815	1820
Flow Rate (measured):	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min
Volume Purged (mL)	140	700	700	700	700	700	700
Cumlative Purge Total (mL)	140	840	1540	2240	2940	3640	4340
DTW	10.45	11.32	11.64	12.11	12.29	12.81	13.11
pH	5.42	5.48	5.44	5.54	5.48	5.57	5.44
Specific Conductivity (umhos/cm)	72	71	72	72	72	72	72
Water Temperature ©	19.97	18.91	18.55	18.30	18.74	19.12	18.62
Turbidity	17.8	14.6	8.5	8.5	8.2	8.7	9.1
Dissolved Oxygen (mg/L)	2.61	2.74	2.75	3.82	3.17	5.11	4.80

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 18D
Date:	5-22-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1735

Total Well Depth (Measured): 60 ft. BTOC

Measured: Yes / No Circle One

Screen Interval 55-60 ft. BTOC

Depth to water: 10.00 ft.

Length of Water Column (LWC): ____ in.

Casing Diameter: ____

Total Volume Purged (mL) 4340 / 3785.412 = Total Gallons: ____

Remarks: ____

Field Analyses

Time	Initial 1700	1705	1710	1715	1720	1725	1730
Flow Rate (measured):	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min
Volume Purged (mL)	140	700	700	700	700	700	700
Cumlative Purge Total (mL)	140	840	1540	2240	2940	3640	4340
DTW	10.31	11.49	11.71	12.20	12.40	12.50	12.71
pH	6.32	6.69	6.78	6.68	6.70	6.65	6.87
Specific Conductivity (umhos/cm)	129	122	122	122	123	121	122
Water Temperature ©	19.34	18.64	18.24	18.08	17.88	18.84	18.66
Turbidity	21.5	19.1	10.5	7.4	8.0	6.8	5.7
Dissolved Oxygen (mg/L)	5.12	4.80	4.80	4.86	5.36	5.12	5.23

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW-19
Date:	5-22-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	~~880~~ Sunny
Air Temperature:	88°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1640

Total Well Depth:	17.5 - 27.5	ft. BTOC
Depth to water:	10.18	ft. BTOC
Length of Water Column (LWC):	21.82	ft.
Casing Diameter:	2.0	in.
1 Casing Volume = LWC x 0.17 =	3.7	gal.
3 Casing Volumes:	11.1	gal.
Total Volume Purged (gal)		
Remarks:		

Field Analyses

Time	initial	1615	1625	1635			
Volume Purged (mL)							
Cumlative Purge Total (mL)							
pH	5.70	5.75	5.58	5.59			
Specific Conductivity (umhos/cm)	161	163	169	171			
Water Temperature ©	17.71	16.75	16.62	16.68			
Turbidity	201	248	144	191			
Dissolved Oxygen (mg/L)	4.77	4.72	2.09	2.06			

Terracon

Groundwater Sampling Log

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Well ID:	18871/ MW-19D
Date:	
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1635

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	10.00 ft.
Length of Water Column (LWC):	in.
Casing Diameter:	
Total Volume Purged (mL)	/ 3785.412 = Total Gallons:
Remarks:	

Field Analyses

Time	1600 (initial)	1605	1610	1615	1620	1625	1630
Flow Rate (measured):	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min	140mL/min
Volume Purged (mL)	140	700	700	700	700	700	700
Cumlative Purge Total (mL)	140	840	1540	2240	2940	3640	4340
DTW	10.31	11.28	11.68	11.95	12.15	12.51	12.68
pH	5.87	6.45	6.44	5.78	5.84	6.16	6.39
Specific Conductivity (umhos/cm)	102.4	110.6	116.3	114	114	112	112.5
Water Temperature ©	19.60	19.23	18.80	18.68	18.25	18.64	19.20
Turbidity	27.6	2.4	2.9	7.0	6.2	3.8	1.0
Dissolved Oxygen (mg/L)	5.58	101.4	109.2	5.31	3.32	5.54	5.43

Terracon

Groundwater Sampling Log

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Well ID:	18871/ MW-20
Date:	5-21-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	sunny
Air Temperature:	85
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1215

Total Well Depth:	25.35	ft. BTOC
Depth to water:	15.72	ft. BTOC
Length of Water Column (LWC):	19.08	ft.
Casing Diameter:	2.0	in.
1 Casing Volume = LWC x 0.17 =	3.2	gal.
3 Casing Volumes:	9.7	gal.
Total Volume Purged (gal)	10	
Remarks:		

Field Analyses

Time	1210						
Volume Purged (mL)	—						
Cumlative Purge Total (mL)	—						
pH	5.81	5.94	5.97	5.99			
Specific Conductivity (umhos/cm)	161	176	184	189			
Water Temperature ©	24.37	23.9	23.8	23.7			
Turbidity	12.7	11.7	10.9	10.1			
Dissolved Oxygen (mg/L)	0.93	0.87	0.78	0.74			

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 20D
Date:	5-21-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	90
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1430

Total Well Depth (Measured): 60 ft. BTOC

Measured: Yes / (No) Circle One

Screen Interval 55-60 ft. BTOC

Depth to water: 17.0 ft.

Length of Water Column (LWC): ____ in.

Casing Diameter: ____

Total Volume Purged (mL) 3410 / 3785.412 = Total Gallons: ____

Remarks: ____

Field Analyses

Time	Initial 1355	1400	1405	1410	1415	1420	1425
Flow Rate (measured):	110 mL/min	110mL/min	110mL/min	110mL/min	110mL/min	110mL/min	110mL/min
Volume Purged (mL)	110	550	550	550	550	550	550
Cumlative Purge Total (mL)	110	660	1210	1760	2310	2860	3410
DTW	17.76	18.61	19.46	20.08	20.65	21.2	21.81
pH	5.77	5.33	5.20	5.09	5.04	5.11	5.16
Specific Conductivity (umhos/cm)	76	77	76	76	75	75	75
Water Temperature ©	25.86	23.53	23.15	23.37	23.25	23.22	23.17
Turbidity	10.4	3.2	2.3	2.8	1.8	2.2	11.9
Dissolved Oxygen (mg/L)	6.75	2.80	0.66	0.62	0.60	0.60	0.64

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 21D
Date:	5-21-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	90
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1610

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	17.62 ft.
Length of Water Column (LWC):	____ in.
Casing Diameter:	____

Total Volume Purged (mL) 3162 / 3785.412 = Total Gallons: 0.84

Remarks: ____

Field Analyses

Time	Initial 1535	1540	1545	1550	1555	1600	1605
Flow Rate (measured):	102mL/min	102mL/min	102mL/min	102mL/min	102mL/min	102mL/min	102mL/min
Volume Purged (mL)	102	510	510	510	510	510	510
Cumlative Purge Total (mL)	102	612	1122	1632	2142	2652	3162
DTW	17.84	18.60	19.33	20.40	21.00	21.49	21.8
pH	10.07	10.23	10.05	9.81	9.74	9.69	9.67
Specific Conductivity (umhos/cm)	358	370	362	340	343	339	336
Water Temperature ©	23.32	23.23	23.30	22.79	23.00	23.22	23.09
Turbidity	19.0	31.7	51.7	32.4	19.0	20.7	28.2
Dissolved Oxygen (mg/L)	2.44	1.01	1.18	0.72	0.64	0.60	0.58

Terracon

Groundwater Sampling Log

Page ____ of ____

Well ID:	18871/ MW-22
Date:	5-21-18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	90
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1300

Total Well Depth:	25-35	ft. BTOC
Depth to water:	16.33	ft. BTOC
Length of Water Column (LWC):	18.67	ft.
Casing Diameter:	2.0	in.
1 Casing Volume = LWC x 0.17 =	2.8	gal.
3 Casing Volumes:	8.3	gal.
Total Volume Purged (gal)		
Remarks:		

Field Analyses

Time	1317						
Volume Purged (mL)	—						
Cumlative Purge Total (mL)	—						
pH	6.74	6.82	6.87	6.91			
Specific Conductivity (umhos/cm)	48	64.2	67.1	69.1			
Water Temperature ©	22.2	21.9	21.7	21.5			
Turbidity	2.4	3.6	4.7	5.2			
Dissolved Oxygen (mg/L)	7.84	5.12	4.87	4.72			

Terracon

Groundwater Sampling Log

Page ____ of ____

Well ID:	18871/ MW- 22D
Date:	5-21-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	90°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1700

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / No Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	15.76 ft.
Length of Water Column (LWC):	____ in.
Casing Diameter:	2

Total Volume Purged (mL) 3348 / 3785.412 = Total Gallons: 0.88

Remarks: ____

Field Analyses

Time	1625 initial	1630	1635	1640	1645	1650	1655
Flow Rate (measured):	108mL/min	108mL/min	108mL/min	108mL/min	108mL/min	108mL/min	108mL/min
Volume Purged (mL)	108	540	540	540	540	540	540
Cumlative Purge Total (mL)	108	648	1188	1728	2268	2808	3348
DTW	17.04	17.83	18.29	18.60	18.81	19.00	19.01
pH	7.23	6.13	5.97	5.90	5.88	5.85	5.92
Specific Conductivity (umhos/cm)	136	160	164	162	162	162	161
Water Temperature ©	24.55	23.34	22.84	22.90	22.80	22.99	23.02
Turbidity	9.9	13.7	11.5	2.3	1.6	2.8	2.2
Dissolved Oxygen (mg/L)	5.45	1.40	0.96	3.17	0.66	0.62	0.61

Terracon

Groundwater Sampling Log

Well ID:	18871/ RW-1
Date:	5-22-13
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Cloudy
Air Temperature:	74°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	0940

Total Well Depth:	10 - 25 ft. BTOC
Depth to water:	12.22 ft. BTOC
Length of Water Column (LWC):	12.78 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	gal.
3 Casing Volumes:	gal.
Total Volume Purged (gal)	
Remarks:	

Field Analyses

Time	0935						
Volume Purged (mL)	~						
Cumlative Purge Total (mL)	~						
pH	4.51						
Specific Conductivity (umhos/cm)	93						
Water Temperature ©	20.77						
Turbidity	145						
Dissolved Oxygen (mg/L)	3.43						

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Groundwater Sampling Log

Well ID:	18871/ RW-2
Date:	5.22.18
Site Name:	Eddie's Pit Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Cloudy
Air Temperature:	74°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	0925

Total Well Depth:	10 - 25	ft. BTOC
Depth to water:	11.75	ft. BTOC
Length of Water Column (LWC):	13.25	ft.
Casing Diameter:	2.0	in.
1 Casing Volume = LWC x 0.17 =		gal.
3 Casing Volumes:		gal.
Total Volume Purged (gal)		
Remarks:		

Field Analyses

Time	0920						
Volume Purged (mL)	\						
Cumlative Purge Total (mL)	\						
pH	4.40						
Specific Conductivity (umhos/cm)	98						
Water Temperature ©	21.14						
Turbidity	2.7						
Dissolved Oxygen (mg/L)	2.16						

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Groundwater Sampling Log

Well ID:	18871/ PW-1
Date:	5-22-18
Site Name:	Eddie's Pitt Stop
Project No.:	73098106
Field Personnel:	Brian Hyatt/ Cam Frierson
Weather Conditions:	Sunny
Air Temperature:	86°
Well Evacuation Method:	Submersible Pump
Sample Collection Method:	Submersible Pump
Sampled at (time):	1850

Total Well Depth (Measured): 75' ft. BTOC

Measured: (Yes) / No Circle One

Screen Interval ____ ft. BTOC

Depth to water: 13.09 ft.

Length of Water Column (LWC): ____ in.

Casing Diameter: 6 inch

Total Volume Purged (mL) ____ / 3785.412 = Total Gallons: 3.59

Remarks: ____

Field Analyses

Time	Initial	1820	1825	1830	1835	1840	1845
Flow Rate (measured):	172	172	172	172	172	172	172
Volume Purged (mL)	860	860	860	860	860	860	860
Cumlative Purge Total (mL)	860	1,720	2,580	3,440	4,300	5,160	6,020
DTW	13.09	14.99	16.14	17.59	18.86	19.95	20.17
pH	9.09	8.92	8.87	8.11	7.70	7.65	7.64
Specific Conductivity (umhos/cm)	218.7	191.4	183.7	176.6	178.3	171.5	173.7
Water Temperature ©	22.1	19.4	19.9	18.2	18.7	18.2	18.9
Turbidity	73.9	97.3	160	137	121	110	98
Dissolved Oxygen (mg/L)	0.04	0.04	0.03	0.04	0.09	0.04	0.04

EQUIPMENT CALIBRATION LOG

Terracon

Site Eddies Pit Stop

Date: 5-21-18

Parameter / Meter:	Standard	Measurement	Pre	During	Post
			Time: 1130	Time:	Time:
PH, Specific Conductivity, Temperature Hannah HI 9829: (Serial No. B0071321)	(4) 7 10	Initial	4.15 / 7.11 / 10.03		
		Post Calibration	4 / 7 / 10		
	Calibration Successful: Y / N		(Y) / N	Y / N	Y / N
	1413 µs/cm	Initial	1379		
		Post Calibration	1413		
	Calibration Successful: Y / N		(Y) / N	Y / N	Y / N
Dissolved Oxygen Hanna HI 9829: (Serial No. B0071321)	Elevation at 100% Relative Humidity	Site Elevation:	Initial 101.4% Cal. 97% 739 ~~mmHg~~ ~~mg/L~~	mg/L	mg/L
Turdidity Hanna HI 9829: (Serial No.B0071321)	(0.0) / (20.0) / (200) ntu	Initial	0.7 / 19.0 / 134		
		Post Calibration	0.1 / 20 / 200		
	Clibration Successful: Y / N		(Y) / N	Y / N	Y / N

Comments:

Technician: Regan Norris

Signature:

EQUIPMENT CALIBRATION LOG

Terracon

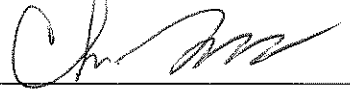
Site: Former teraco gas station

Date: 5-31-18

Parameter / Meter:	Standard	Measurement	Pre	During	Post
			Time: 1136	Time: 1500	Time: 2000
PH, Specific Conductivity, Temperature Hannah HI 9829: (Serial No. B0071321)	(4)/(7)/10	Initial	4.26/7.03/9.23	4.03/7.01/9.11	4.01/7.05/9.08
		Post Calibration	4.01/7.01/10.00	4.0/7.0/10.00	4.0/7.0/10.00
	Calibration Successful: (Y) / N		(Y) / N	(Y) / N	(Y) / N
	1413 µs/cm	Initial	1317	1400	1405
		Post Calibration	1413	1413	1413
	Calibration Successful: (Y) / N		(Y) / N	(Y) / N	(Y) / N
Dissolved Oxygen Hanna HI 9829: (Serial No. B0071321)	Elevation at 100% Relative Humidity	Site Elevation: 310	mg/L	mg/L	mg/L
Turdidity Hanna HI 9829: (Serial No.B0071321)	0.0 / 20.0 / 200 ntu	Initial	3.7/21.7/198	1.3/20.7/199	0.8/20.1/197
		Post Calibration	0/20.0/200	0/20.0/200	0/20.0/200
	Clibration Successful: (Y) / N		(Y) / N	(Y) / N	(Y) / N

Comments: _____

Technician: CAM Frierson

Signature: 

The results set forth herein are provided by SGS North America Inc.

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Automated Report

Technical Report for

Terracon Consulting

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

18871/73098106

SGS Job Number: FA54471

Sampling Dates: 05/21/18 - 05/23/18

Report to:

Terracon Consulting
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Columbia, SC 29229
regan.norris@terracon.com

ATTN: Regan Norris

Total number of pages in report: **124**

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

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Sample Summary

Terracon Consulting

Job No: FA54471

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Project No: 18871/73098106

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA54471-1	05/21/18	11:45	NFH	05/24/18	AQ	Ground Water	18871/MW-6
FA54471-2	05/21/18	12:00	NFH	05/24/18	AQ	Ground Water	18871/MW-17
FA54471-3	05/21/18	12:15	NFH	05/24/18	AQ	Ground Water	18871/MW-20
FA54471-4	05/21/18	13:00	NFH	05/24/18	AQ	Ground Water	18871/MW-22
FA54471-5	05/21/18	14:00	NFH	05/24/18	AQ	Ground Water	18871/MW-10
FA54471-6	05/21/18	00:00	NFH	05/24/18	AQ	Trip Blank Water	18871/TRIP BLANK
FA54471-7	05/21/18	14:30	NFH	05/24/18	AQ	Ground Water	18871/MW-20D
FA54471-8	05/21/18	15:25	NFH	05/24/18	AQ	Ground Water	18871/MW-17D
FA54471-9	05/21/18	15:10	NFH	05/24/18	AQ	Field Blank Water	18871/FIELD BLANK
FA54471-10	05/21/18	16:10	NFH	05/24/18	AQ	Ground Water	18871/MW-21D
FA54471-11	05/21/18	17:00	NFH	05/24/18	AQ	Ground Water	18871/MW-22D
FA54471-12	05/23/18	00:00	NFH	05/24/18	AQ	Trip Blank Water	18871/TRIP BLANK
FA54471-13	05/22/18	09:10	NFH	05/24/18	AQ	Ground Water	18871/MW-9

Sample Summary
(continued)

Terracon Consulting

Job No: FA54471

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Project No: 18871/73098106

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA54471-14	05/22/18	09:25	NFH	05/24/18	AQ	Ground Water	18871/RW-2
FA54471-15	05/22/18	09:40	NFH	05/24/18	AQ	Ground Water	18871/RW-1
FA54471-16	05/22/18	10:00	NFH	05/24/18	AQ	Ground Water	18871/MW-3
FA54471-17	05/22/18	10:15	NFH	05/24/18	AQ	Ground Water	18871/MW-2
FA54471-18	05/22/18	10:15	NFH	05/24/18	AQ	Ground Water	18871/MW-2 DUP
FA54471-19	05/22/18	11:05	NFH	05/24/18	AQ	Ground Water	18871/MW-7
FA54471-20	05/22/18	11:30	NFH	05/24/18	AQ	Ground Water	18871/MW-8
FA54471-21	05/22/18	11:45	NFH	05/24/18	AQ	Ground Water	18871/MW-1
FA54471-22	05/22/18	12:00	NFH	05/24/18	AQ	Ground Water	18871/MW-4
FA54471-23	05/22/18	12:30	NFH	05/24/18	AQ	Ground Water	18871/MW-8D
FA54471-24	05/22/18	14:00	NFH	05/24/18	AQ	Ground Water	18871/MW-16
FA54471-25	05/22/18	14:35	NFH	05/24/18	AQ	Ground Water	18871/MW-16D
FA54471-26	05/22/18	14:55	NFH	05/24/18	AQ	Ground Water	18871/MW-14

Sample Summary
(continued)

Terracon Consulting

Job No: FA54471

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Project No: 18871/73098106

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA54471-27	05/22/18	15:35	NFH	05/24/18	AQ	Ground Water	18871/MW-15
FA54471-28	05/22/18	15:35	NFH	05/24/18	AQ	Ground Water	18871/MW-15D
FA54471-29	05/22/18	16:35	NFH	05/24/18	AQ	Ground Water	18871/MW-19D
FA54471-30	05/22/18	16:40	NFH	05/24/18	AQ	Ground Water	18871/MW-19
FA54471-31	05/22/18	17:15	NFH	05/24/18	AQ	Ground Water	18871/MW-12
FA54471-32	05/22/18	17:15	NFH	05/24/18	AQ	Ground Water	18871/MW-12 DUP
FA54471-33	05/22/18	17:35	NFH	05/24/18	AQ	Ground Water	18871/MW-18D
FA54471-34	05/22/18	17:45	NFH	05/24/18	AQ	Ground Water	18871/MW-11
FA54471-35	05/22/18	17:50	NFH	05/24/18	AQ	Ground Water	18871/MW-5
FA54471-36	05/22/18	18:25	NFH	05/24/18	AQ	Ground Water	18871/MW-18
FA54471-37	05/22/18	16:10	NFH	05/24/18	AQ	Ground Water	18871/MW-13D
FA54471-38	05/22/18	19:35	NFH	05/24/18	AQ	Ground Water	18871/MW-3DD
FA54471-39	05/22/18	19:45	NFH	05/24/18	AQ	Field Blank Water	18871/FIELD BLANK

Summary of Hits

Job Number: FA54471
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 05/21/18 thru 05/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA54471-1	**18871/MW-6**					
No hits reported in this sample.						
FA54471-2	**18871/MW-17**					
No hits reported in this sample.						
FA54471-3	**18871/MW-20**					
Benzene		266	5.0	1.6	ug/l	SW846 8260B
Ethylbenzene		8.3	5.0	1.8	ug/l	SW846 8260B
Xylene (total)		75.8	15	3.6	ug/l	SW846 8260B
Methyl Tert Butyl Ether		39.4	5.0	1.1	ug/l	SW846 8260B
Naphthalene		7.5 J	25	5.0	ug/l	SW846 8260B
1,2-Dichloroethane		8.4	5.0	1.6	ug/l	SW846 8260B
Tert-Amyl Alcohol		675	100	26	ug/l	SW846 8260B
Tert-Butyl Alcohol		156	100	27	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.25	0.018	0.0092	ug/l	SW846 8011
FA54471-4	**18871/MW-22**					
No hits reported in this sample.						
FA54471-5	**18871/MW-10**					
Benzene		2640	50	16	ug/l	SW846 8260B
Ethylbenzene		756	50	18	ug/l	SW846 8260B
Xylene (total)		1780	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		169	50	11	ug/l	SW846 8260B
Naphthalene		327	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		45.9 J	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		2280	1000	260	ug/l	SW846 8260B
Tert-Butyl Alcohol		1400	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [b]		1.4	0.18	0.092	ug/l	SW846 8011
FA54471-6	**18871/TRIP BLANK**					
No hits reported in this sample.						
FA54471-7	**18871/MW-20D**					
Benzene		1.8	1.0	0.31	ug/l	SW846 8260B
Methyl Tert Butyl Ether		28.8	1.0	0.23	ug/l	SW846 8260B
1,2-Dichloroethane		3.2	1.0	0.31	ug/l	SW846 8260B

Summary of Hits

Job Number: FA54471
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 05/21/18 thru 05/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Di-Isopropyl Ether		0.25 J	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		29.4	20	5.3	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		1.2 J	2.0	0.24	ug/l	SW846 8260B
Tert-Butyl Alcohol		54.0	20	5.3	ug/l	SW846 8260B
FA54471-8	**18871/MW-17D**					
Di-Isopropyl Ether		0.52 J	1.0	0.24	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.033	0.018	0.0092	ug/l	SW846 8011
FA54471-9	**18871/FIELD BLANK**					
No hits reported in this sample.						
FA54471-10	**18871/MW-21D**					
Benzene		136	2.0	0.62	ug/l	SW846 8260B
Toluene		99.0	2.0	0.60	ug/l	SW846 8260B
Ethylbenzene		6.5	2.0	0.71	ug/l	SW846 8260B
Xylene (total)		24.8	6.0	1.4	ug/l	SW846 8260B
Methyl Tert Butyl Ether		259	10	2.3	ug/l	SW846 8260B
1,2-Dichloroethane		14.0	2.0	0.62	ug/l	SW846 8260B
Di-Isopropyl Ether		1.3 J	2.0	0.48	ug/l	SW846 8260B
Tert-Amyl Alcohol		1990	40	11	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		2.5 J	4.0	0.49	ug/l	SW846 8260B
Tert-Butyl Alcohol		1550	40	11	ug/l	SW846 8260B
FA54471-11	**18871/MW-22D**					
Benzene		4080	100	31	ug/l	SW846 8260B
Toluene		91.5	25	7.5	ug/l	SW846 8260B
Ethylbenzene		646	25	8.9	ug/l	SW846 8260B
Xylene (total)		836	75	18	ug/l	SW846 8260B
Methyl Tert Butyl Ether		258	25	5.7	ug/l	SW846 8260B
Naphthalene		252	130	25	ug/l	SW846 8260B
1,2-Dichloroethane		79.3	25	7.8	ug/l	SW846 8260B
Di-Isopropyl Ether		18.6 J	25	6.0	ug/l	SW846 8260B
Tert-Amyl Alcohol		9330	500	130	ug/l	SW846 8260B
Tert-Butyl Alcohol		3340	500	130	ug/l	SW846 8260B
1,2-Dibromoethane [b]		1.8	0.18	0.092	ug/l	SW846 8011
FA54471-12	**18871/TRIP BLANK**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA54471
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 05/21/18 thru 05/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA54471-13	**18871/MW-9**					
Benzene		0.42 J	1.0	0.31	ug/l	SW846 8260B
Methyl Tert Butyl Ether		2.6	1.0	0.23	ug/l	SW846 8260B
Naphthalene		1.5 J	5.0	1.0	ug/l	SW846 8260B
1,2-Dichloroethane		0.60 J	1.0	0.31	ug/l	SW846 8260B
Tert-Amyl Alcohol		89.3	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		82.1	20	5.3	ug/l	SW846 8260B
FA54471-14	**18871/RW-2**					
No hits reported in this sample.						
FA54471-15	**18871/RW-1**					
No hits reported in this sample.						
FA54471-16	**18871/MW-3**					
Benzene		1.4	1.0	0.31	ug/l	SW846 8260B
Tert-Amyl Alcohol		30.1	20	5.3	ug/l	SW846 8260B
FA54471-17	**18871/MW-2**					
Benzene		3030	50	16	ug/l	SW846 8260B
Toluene		105	50	15	ug/l	SW846 8260B
Ethylbenzene		394	50	18	ug/l	SW846 8260B
Xylene (total)		3880	150	36	ug/l	SW846 8260B
Naphthalene		805	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		68.5	50	16	ug/l	SW846 8260B
Di-Isopropyl Ether		38.0 J	50	12	ug/l	SW846 8260B
Tert-Amyl Alcohol		3880	1000	260	ug/l	SW846 8260B
1,2-Dibromoethane [b]		3.8	0.18	0.092	ug/l	SW846 8011
FA54471-18	**18871/MW-2 DUP**					
Benzene		2900	50	16	ug/l	SW846 8260B
Toluene		113	50	15	ug/l	SW846 8260B
Ethylbenzene		390	50	18	ug/l	SW846 8260B
Xylene (total)		3830	150	36	ug/l	SW846 8260B
Naphthalene		818	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		63.5	50	16	ug/l	SW846 8260B
Di-Isopropyl Ether		40.3 J	50	12	ug/l	SW846 8260B
Tert-Amyl Alcohol		3650	1000	260	ug/l	SW846 8260B
1,2-Dibromoethane [b]		3.9	0.19	0.093	ug/l	SW846 8011

Summary of Hits

Job Number: FA54471
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 05/21/18 thru 05/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA54471-19	**18871/MW-7**					
No hits reported in this sample.						
FA54471-20	**18871/MW-8**					
Benzene		658	10	3.1	ug/l	SW846 8260B
Toluene		10.7	10	3.0	ug/l	SW846 8260B
Ethylbenzene		835	10	3.6	ug/l	SW846 8260B
Xylene (total)		1330	30	7.2	ug/l	SW846 8260B
Naphthalene		527	50	10	ug/l	SW846 8260B
Di-Isopropyl Ether		6.5 J	10	2.4	ug/l	SW846 8260B
Tert-Amyl Alcohol		610	200	53	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.024	0.018	0.0092	ug/l	SW846 8011
FA54471-21	**18871/MW-1**					
Benzene		1420	20	6.2	ug/l	SW846 8260B
Toluene		121	20	6.0	ug/l	SW846 8260B
Ethylbenzene		1110	20	7.1	ug/l	SW846 8260B
Xylene (total)		3930	60	14	ug/l	SW846 8260B
Naphthalene		625	100	20	ug/l	SW846 8260B
1,2-Dichloroethane		32.1	20	6.2	ug/l	SW846 8260B
Di-Isopropyl Ether		17.3 J	20	4.8	ug/l	SW846 8260B
Tert-Amyl Alcohol		1460	400	110	ug/l	SW846 8260B
1,2-Dibromoethane [b]		5.7	0.37	0.18	ug/l	SW846 8011
FA54471-22	**18871/MW-4**					
Benzene		47.4	1.0	0.31	ug/l	SW846 8260B
Toluene		7.0	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		214	10	3.6	ug/l	SW846 8260B
Xylene (total)		823	30	7.2	ug/l	SW846 8260B
Naphthalene		202	50	10	ug/l	SW846 8260B
1,2-Dichloroethane		0.77 J	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		0.53 J	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		76.0	20	5.3	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.088	0.018	0.0092	ug/l	SW846 8011
FA54471-23	**18871/MW-8D**					
1,2-Dibromoethane [a]		0.012 J	0.018	0.0092	ug/l	SW846 8011

Summary of Hits

Job Number: FA54471
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 05/21/18 thru 05/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA54471-24	**18871/MW-16**					
No hits reported in this sample.						
FA54471-25	**18871/MW-16D**					
1,2-Dichloroethane		1.9	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		0.50 J	1.0	0.24	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.019	0.019	0.0093	ug/l	SW846 8011
FA54471-26	**18871/MW-14**					
No hits reported in this sample.						
FA54471-27	**18871/MW-15**					
1,2-Dibromoethane [a]		0.026	0.019	0.0093	ug/l	SW846 8011
FA54471-28	**18871/MW-15D**					
No hits reported in this sample.						
FA54471-29	**18871/MW-19D**					
No hits reported in this sample.						
FA54471-30	**18871/MW-19**					
Benzene		0.45 J	1.0	0.31	ug/l	SW846 8260B
1,2-Dichloroethane		39.1	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		25.0	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		49.7	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		16.1 J	20	5.3	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.036	0.019	0.0093	ug/l	SW846 8011
FA54471-31	**18871/MW-12**					
Benzene		5010	100	31	ug/l	SW846 8260B
Toluene		193	100	30	ug/l	SW846 8260B
Ethylbenzene		803	100	36	ug/l	SW846 8260B
Xylene (total)		2800	300	72	ug/l	SW846 8260B
Naphthalene		448 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		36.5 J	100	31	ug/l	SW846 8260B
Di-Isopropyl Ether		35.2 J	100	24	ug/l	SW846 8260B
Tert-Amyl Alcohol		3550	2000	530	ug/l	SW846 8260B

Summary of Hits

Job Number: FA54471
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 05/21/18 thru 05/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,2-Dibromoethane [a]		0.011 J	0.019	0.0093	ug/l	SW846 8011
FA54471-32	**18871/MW-12 DUP**					
Benzene		5050	100	31	ug/l	SW846 8260B
Toluene		193	100	30	ug/l	SW846 8260B
Ethylbenzene		802	100	36	ug/l	SW846 8260B
Xylene (total)		2810	300	72	ug/l	SW846 8260B
Naphthalene		460 J	500	100	ug/l	SW846 8260B
1,2-Dichloroethane		35.0 J	100	31	ug/l	SW846 8260B
Di-Isopropyl Ether		34.6 J	100	24	ug/l	SW846 8260B
Tert-Amyl Alcohol		3920	2000	530	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.013 J	0.018	0.0092	ug/l	SW846 8011
FA54471-33	**18871/MW-18D**					
No hits reported in this sample.						
FA54471-34	**18871/MW-11**					
No hits reported in this sample.						
FA54471-35	**18871/MW-5**					
Benzene		684	10	3.1	ug/l	SW846 8260B
Toluene		48.2	10	3.0	ug/l	SW846 8260B
Ethylbenzene		274	10	3.6	ug/l	SW846 8260B
Xylene (total)		2130	75	18	ug/l	SW846 8260B
Naphthalene		298	50	10	ug/l	SW846 8260B
1,2-Dichloroethane		22.0	10	3.1	ug/l	SW846 8260B
Di-Isopropyl Ether		12.3	10	2.4	ug/l	SW846 8260B
Tert-Amyl Alcohol		1370	200	53	ug/l	SW846 8260B
1,2-Dibromoethane [b]		1.7	0.19	0.094	ug/l	SW846 8011
FA54471-36	**18871/MW-18**					
No hits reported in this sample.						
FA54471-37	**18871/MW-13D**					
No hits reported in this sample.						
FA54471-38	**18871/MW-3DD**					
Benzene		1.5	1.0	0.31	ug/l	SW846 8260B

Summary of Hits

Job Number: FA54471
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 05/21/18 thru 05/23/18

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene		0.51 J	1.0	0.36	ug/l	SW846 8260B
1,2-Dichloroethane		27.3	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		30.8	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		975	100	26	ug/l	SW846 8260B
Tert-Butyl Alcohol		69.2	20	5.3	ug/l	SW846 8260B

FA54471-39 18871/FIELD BLANK

No hits reported in this sample.

(a) All hits confirmed by dual column analysis.
(b) All hits confirmed by dual column analysis. Dilution required due to matrix interference.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	18871/MW-6		
Lab Sample ID:	FA54471-1	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991714.D	1	05/29/18 19:40	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-6		
Lab Sample ID:	FA54471-1	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99902.D	1	05/25/18 18:36	NM	05/25/18 13:30	OP70213	GDD2895
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	0.0093 U	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-17		
Lab Sample ID:	FA54471-2	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991715.D	1	05/29/18 20:06	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/MW-17
Lab Sample ID: FA54471-2
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 05/21/18
Date Received: 05/24/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99904.D	1	05/25/18 19:08	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-20		
Lab Sample ID:	FA54471-3	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991716.D	5	05/29/18 20:32	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	266	5.0	1.6	ug/l	
108-88-3	Toluene	1.5 U	5.0	1.5	ug/l	
100-41-4	Ethylbenzene	8.3	5.0	1.8	ug/l	
1330-20-7	Xylene (total)	75.8	15	3.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	39.4	5.0	1.1	ug/l	
91-20-3	Naphthalene	7.5	25	5.0	ug/l	J
107-06-2	1,2-Dichloroethane	8.4	5.0	1.6	ug/l	
108-20-3	Di-Isopropyl Ether	1.2 U	5.0	1.2	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	50 U	250	50	ug/l	
64-17-5	Ethyl Alcohol	410 U	1000	410	ug/l	
637-92-3	Ethyl Tert Butyl Ether	1.2 U	10	1.2	ug/l	
75-85-4	Tert-Amyl Alcohol	675	100	26	ug/l	
994-05-8	Tert-Amyl Methyl Ether	1.2 U	10	1.2	ug/l	
75-65-0	Tert-Butyl Alcohol	156	100	27	ug/l	
762-75-4	Tert-Butyl Formate	25 U	100	25	ug/l	

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

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

Report of Analysis

Client Sample ID:	18871/MW-20		
Lab Sample ID:	FA54471-3	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99906.D	1	05/25/18 19:39	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	0.25	0.018	0.0092	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.

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

Report of Analysis

Client Sample ID:	18871/MW-22		
Lab Sample ID:	FA54471-4	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991719.D	1	05/29/18 21:51	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	112%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/MW-22
Lab Sample ID: FA54471-4
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 05/21/18
Date Received: 05/24/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99907.D	1	05/25/18 19:55	NM	05/25/18 13:30	OP70213	GDD2895
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	0.0094 U	0.019	0.0094	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-10		
Lab Sample ID:	FA54471-5	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991720.D	50	05/29/18 22:18	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2640	50	16	ug/l	
108-88-3	Toluene	15 U	50	15	ug/l	
100-41-4	Ethylbenzene	756	50	18	ug/l	
1330-20-7	Xylene (total)	1780	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	169	50	11	ug/l	
91-20-3	Naphthalene	327	250	50	ug/l	
107-06-2	1,2-Dichloroethane	45.9	50	16	ug/l	J
108-20-3	Di-Isopropyl Ether	12 U	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	500 U	2500	500	ug/l	
64-17-5	Ethyl Alcohol	4100 U	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	12 U	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	2280	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	12 U	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	1400	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	250 U	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	107%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

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

Report of Analysis

Client Sample ID:	18871/MW-10		
Lab Sample ID:	FA54471-5	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99935.D	10	05/30/18 17:30	EM	05/25/18 13:30	OP70213	GDD2896
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	1.4	0.18	0.092	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	18871/TRIP BLANK		
Lab Sample ID:	FA54471-6	**Date Sampled:**	05/21/18
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991721.D	1	05/29/18 22:44	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-20D		
Lab Sample ID:	FA54471-7	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991722.D	1	05/29/18 23:10	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.8	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	28.8	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	3.2	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.25	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	29.4	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	1.2	2.0	0.24	ug/l	J
75-65-0	Tert-Butyl Alcohol	54.0	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	110%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

Report of Analysis

Client Sample ID:	18871/MW-20D		
Lab Sample ID:	FA54471-7	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99911.D	1	05/25/18 20:58	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-17D		
Lab Sample ID:	FA54471-8	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991723.D	1	05/29/18 23:36	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.52	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-17D		
Lab Sample ID:	FA54471-8	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99912.D	1	05/25/18 21:14	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	0.033	0.018	0.0092	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	18871/FIELD BLANK		
Lab Sample ID:	FA54471-9	**Date Sampled:**	05/21/18
Matrix:	AQ - Field Blank Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991724.D	1	05/30/18 00:03	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	111%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/FIELD BLANK
Lab Sample ID: FA54471-9
Matrix: AQ - Field Blank Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 05/21/18
Date Received: 05/24/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99913.D	1	05/25/18 21:30	NM	05/25/18 13:30	OP70213	GDD2895
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	0.0092 U	0.018	0.0092	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	79%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-21D		
Lab Sample ID:	FA54471-10	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991725.D	2	05/30/18 00:29	SP	n/a	n/a	VJ5926
Run #2	M0103242.D	10	05/30/18 15:44	AB	n/a	n/a	VM4449

	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	136	2.0	0.62	ug/l	
108-88-3	Toluene	99.0	2.0	0.60	ug/l	
100-41-4	Ethylbenzene	6.5	2.0	0.71	ug/l	
1330-20-7	Xylene (total)	24.8	6.0	1.4	ug/l	
1634-04-4	Methyl Tert Butyl Ether	259 [a]	10	2.3	ug/l	
91-20-3	Naphthalene	2.0 U	10	2.0	ug/l	
107-06-2	1,2-Dichloroethane	14.0	2.0	0.62	ug/l	
108-20-3	Di-Isopropyl Ether	1.3	2.0	0.48	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	20 U	100	20	ug/l	
64-17-5	Ethyl Alcohol	160 U	400	160	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.47 U	4.0	0.47	ug/l	
75-85-4	Tert-Amyl Alcohol	1990	40	11	ug/l	
994-05-8	Tert-Amyl Methyl Ether	2.5	4.0	0.49	ug/l	J
75-65-0	Tert-Butyl Alcohol	1550	40	11	ug/l	
762-75-4	Tert-Butyl Formate	10 U	40	10	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	111%	103%	79-125%
2037-26-5	Toluene-D8	95%	100%	85-112%
460-00-4	4-Bromofluorobenzene	98%	96%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	18871/MW-21D		
Lab Sample ID:	FA54471-10	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99914.D	1	05/25/18 21:45	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

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

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

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

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

Report of Analysis

Client Sample ID:	18871/MW-22D		
Lab Sample ID:	FA54471-11	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991761.D	25	05/30/18 19:55	SP	n/a	n/a	VJ5927
Run #2	J0991726.D	100	05/30/18 00:55	SP	n/a	n/a	VJ5926

	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	4080 [a]	100	31	ug/l	
108-88-3	Toluene	91.5	25	7.5	ug/l	
100-41-4	Ethylbenzene	646	25	8.9	ug/l	
1330-20-7	Xylene (total)	836	75	18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	258	25	5.7	ug/l	
91-20-3	Naphthalene	252	130	25	ug/l	
107-06-2	1,2-Dichloroethane	79.3	25	7.8	ug/l	
108-20-3	Di-Isopropyl Ether	18.6	25	6.0	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	250 U	1300	250	ug/l	
64-17-5	Ethyl Alcohol	2000 U	5000	2000	ug/l	
637-92-3	Ethyl Tert Butyl Ether	5.9 U	50	5.9	ug/l	
75-85-4	Tert-Amyl Alcohol	9330	500	130	ug/l	
994-05-8	Tert-Amyl Methyl Ether	6.1 U	50	6.1	ug/l	
75-65-0	Tert-Butyl Alcohol	3340	500	130	ug/l	
762-75-4	Tert-Butyl Formate	130 U	500	130	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	109%	79-125%
2037-26-5	Toluene-D8	97%	97%	85-112%
460-00-4	4-Bromofluorobenzene	97%	98%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	18871/MW-22D		
Lab Sample ID:	FA54471-11	**Date Sampled:**	05/21/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99936.D	10	05/30/18 17:45	EM	05/25/18 13:30	OP70213	GDD2896
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	1.8	0.18	0.092	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	18871/TRIP BLANK		
Lab Sample ID:	FA54471-12	**Date Sampled:**	05/23/18
Matrix:	AQ - Trip Blank Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991727.D	1	05/30/18 01:21	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	113%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-9		
Lab Sample ID:	FA54471-13	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991728.D	1	05/30/18 01:47	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.42	1.0	0.31	ug/l	J
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.6	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.5	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	0.60	1.0	0.31	ug/l	J
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	89.3	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	82.1	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	110%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

Report of Analysis

Client Sample ID:	18871/MW-9		
Lab Sample ID:	FA54471-13	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99916.D	1	05/25/18 22:17	NM	05/25/18 13:30	OP70213	GDD2895
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	0.0093 U	0.019	0.0093	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/RW-2		
Lab Sample ID:	FA54471-14	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991729.D	1	05/30/18 02:13	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	112%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/RW-2		
Lab Sample ID:	FA54471-14	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99917.D	1	05/25/18 22:32	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		63-137%

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

Report of Analysis

Client Sample ID:	18871/RW-1		
Lab Sample ID:	FA54471-15	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991730.D	1	05/30/18 02:39	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	111%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

Report of Analysis

Client Sample ID: 18871/RW-1
Lab Sample ID: FA54471-15
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 05/22/18
Date Received: 05/24/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99918.D	1	05/25/18 22:48	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

	Initial Volume	Final Volume
Run #1	38.3 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.0091 U	0.018	0.0091	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-3		
Lab Sample ID:	FA54471-16	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991731.D	1	05/30/18 03:05	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.4	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	30.1	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	109%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-3		
Lab Sample ID:	FA54471-16	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99919.D	1	05/25/18 23:04	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

	Initial Volume	Final Volume
Run #1	38.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.0091 U	0.018	0.0091	ug/l	

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

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

Report of Analysis

Client Sample ID:	18871/MW-2		
Lab Sample ID:	FA54471-17	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991732.D	50	05/30/18 03:34	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3030	50	16	ug/l	
108-88-3	Toluene	105	50	15	ug/l	
100-41-4	Ethylbenzene	394	50	18	ug/l	
1330-20-7	Xylene (total)	3880	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	11 U	50	11	ug/l	
91-20-3	Naphthalene	805	250	50	ug/l	
107-06-2	1,2-Dichloroethane	68.5	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	38.0	50	12	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	500 U	2500	500	ug/l	
64-17-5	Ethyl Alcohol	4100 U	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	12 U	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	3880	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	12 U	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	270 U	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	250 U	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

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

Report of Analysis

Client Sample ID:	18871/MW-2		
Lab Sample ID:	FA54471-17	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99937.D	10	05/30/18 18:01	EM	05/25/18 13:30	OP70213	GDD2896
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	3.8	0.18	0.092	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	18871/MW-2 DUP		
Lab Sample ID:	FA54471-18	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991733.D	50	05/30/18 04:02	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2900	50	16	ug/l	
108-88-3	Toluene	113	50	15	ug/l	
100-41-4	Ethylbenzene	390	50	18	ug/l	
1330-20-7	Xylene (total)	3830	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	11 U	50	11	ug/l	
91-20-3	Naphthalene	818	250	50	ug/l	
107-06-2	1,2-Dichloroethane	63.5	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	40.3	50	12	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	500 U	2500	500	ug/l	
64-17-5	Ethyl Alcohol	4100 U	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	12 U	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	3650	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	12 U	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	270 U	1000	270	ug/l	
762-75-4	Tert-Butyl Formate	250 U	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	106%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

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

Report of Analysis

Client Sample ID:	18871/MW-2 DUP		
Lab Sample ID:	FA54471-18	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99938.D	10	05/30/18 18:17	EM	05/25/18 13:30	OP70213	GDD2896
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	3.9	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. Dilution required due to matrix interference.
(b) Outside control limits due to dilution.

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

Report of Analysis

Client Sample ID:	18871/MW-7		
Lab Sample ID:	FA54471-19	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991734.D	1	05/30/18 04:30	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	111%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-7		
Lab Sample ID:	FA54471-19	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99924.D	1	05/26/18 00:22	NM	05/25/18 13:30	OP70213	GDD2895
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	0.0092 U	0.018	0.0092	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-8		
Lab Sample ID:	FA54471-20	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991735.D	10	05/30/18 04:58	SP	n/a	n/a	VJ5926
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	658	10	3.1	ug/l	
108-88-3	Toluene	10.7	10	3.0	ug/l	
100-41-4	Ethylbenzene	835	10	3.6	ug/l	
1330-20-7	Xylene (total)	1330	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.3 U	10	2.3	ug/l	
91-20-3	Naphthalene	527	50	10	ug/l	
107-06-2	1,2-Dichloroethane	3.1 U	10	3.1	ug/l	
108-20-3	Di-Isopropyl Ether	6.5	10	2.4	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	100 U	500	100	ug/l	
64-17-5	Ethyl Alcohol	820 U	2000	820	ug/l	
637-92-3	Ethyl Tert Butyl Ether	2.4 U	20	2.4	ug/l	
75-85-4	Tert-Amyl Alcohol	610	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	2.4 U	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	53 U	200	53	ug/l	
762-75-4	Tert-Butyl Formate	50 U	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	108%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

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

Report of Analysis

Client Sample ID:	18871/MW-8		
Lab Sample ID:	FA54471-20	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99925.D	1	05/26/18 00:37	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

	Initial Volume	Final Volume
Run #1	37.9 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	0.024	0.018	0.0092	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.

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

Report of Analysis

Client Sample ID:	18871/MW-1		
Lab Sample ID:	FA54471-21	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991742.D	20	05/30/18 11:38	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1420	20	6.2	ug/l	
108-88-3	Toluene	121	20	6.0	ug/l	
100-41-4	Ethylbenzene	1110	20	7.1	ug/l	
1330-20-7	Xylene (total)	3930	60	14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.6 U	20	4.6	ug/l	
91-20-3	Naphthalene	625	100	20	ug/l	
107-06-2	1,2-Dichloroethane	32.1	20	6.2	ug/l	
108-20-3	Di-Isopropyl Ether	17.3	20	4.8	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	200 U	1000	200	ug/l	
64-17-5	Ethyl Alcohol	1600 U	4000	1600	ug/l	
637-92-3	Ethyl Tert Butyl Ether	4.7 U	40	4.7	ug/l	
75-85-4	Tert-Amyl Alcohol	1460	400	110	ug/l	
994-05-8	Tert-Amyl Methyl Ether	4.9 U	40	4.9	ug/l	
75-65-0	Tert-Butyl Alcohol	110 U	400	110	ug/l	
762-75-4	Tert-Butyl Formate	100 U	400	100	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	97%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

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

Report of Analysis

Client Sample ID:	18871/MW-1		
Lab Sample ID:	FA54471-21	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99939.D	20	05/30/18 18:32	EM	05/25/18 13:30	OP70213	GDD2896
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	5.7	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. Dilution required due to matrix interference.
(b) Outside control limits due to dilution.

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

Report of Analysis

Client Sample ID:	18871/MW-4		
Lab Sample ID:	FA54471-22	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991743.D	1	05/30/18 12:04	SP	n/a	n/a	VJ5927
Run #2	J0991798.D	10	05/31/18 12:16	SP	n/a	n/a	VJ5929

	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	47.4	1.0	0.31	ug/l	
108-88-3	Toluene	7.0	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	214 [a]	10	3.6	ug/l	
1330-20-7	Xylene (total)	823 [a]	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	202 [a]	50	10	ug/l	
107-06-2	1,2-Dichloroethane	0.77	1.0	0.31	ug/l	J
108-20-3	Di-Isopropyl Ether	0.53	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	76.0	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	109%	79-125%
2037-26-5	Toluene-D8	98%	99%	85-112%
460-00-4	4-Bromofluorobenzene	98%	98%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID: 18871/MW-4
Lab Sample ID: FA54471-22
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 05/22/18
Date Received: 05/24/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99927.D	1	05/26/18 01:09	NM	05/25/18 13:30	OP70213	GDD2895
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane [a]	0.088	0.018	0.0092	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	136%		63-137%

(a) All hits confirmed by dual column analysis.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-8D		
Lab Sample ID:	FA54471-23	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991744.D	1	05/30/18 12:30	SP	n/a	n/a	VJ5927
Run #2	J0991797.D	1	05/31/18 11:50	SP	n/a	n/a	VJ5929

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

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	108%	79-125%
2037-26-5	Toluene-D8	99%	98%	85-112%
460-00-4	4-Bromofluorobenzene	100%	102%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	18871/MW-8D		
Lab Sample ID:	FA54471-23	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99943.D	1	05/30/18 19:35	EM	05/30/18 10:30	OP70268	GDD2896
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	0.012	0.018	0.0092	ug/l	J

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

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	18871/MW-16		
Lab Sample ID:	FA54471-24	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991745.D	1	05/30/18 12:56	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	108%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-16		
Lab Sample ID:	FA54471-24	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99947.D	1	05/30/18 20:38	EM	05/30/18 10:30	OP70268	GDD2896
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-16D		
Lab Sample ID:	FA54471-25	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991746.D	1	05/30/18 13:22	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	1.9	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.50	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-16D		
Lab Sample ID:	FA54471-25	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99949.D	1	05/30/18 21:09	EM	05/30/18 10:30	OP70268	GDD2896
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	0.019	0.019	0.0093	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	18871/MW-14		
Lab Sample ID:	FA54471-26	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991747.D	1	05/30/18 13:49	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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

Report of Analysis

Client Sample ID: 18871/MW-14
Lab Sample ID: FA54471-26
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 05/22/18
Date Received: 05/24/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99950.D	1	05/30/18 21:25	EM	05/30/18 10:30	OP70268	GDD2896
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	0.0093 U	0.019	0.0093	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-15		
Lab Sample ID:	FA54471-27	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991748.D	1	05/30/18 14:14	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	107%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-15		
Lab Sample ID:	FA54471-27	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99951.D	1	05/30/18 21:40	EM	05/30/18 10:30	OP70268	GDD2896
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.026	0.019	0.0093	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	18871/MW-15D		
Lab Sample ID:	FA54471-28	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991749.D	1	05/30/18 14:40	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-15D		
Lab Sample ID:	FA54471-28	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99952.D	1	05/30/18 21:56	EM	05/30/18 10:30	OP70268	GDD2896
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	0.0093 U	0.019	0.0093	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-19D		
Lab Sample ID:	FA54471-29	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991750.D	1	05/30/18 15:07	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	111%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-19D		
Lab Sample ID:	FA54471-29	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99953.D	1	05/30/18 22:12	EM	05/30/18 10:30	OP70268	GDD2896
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	0.0092 U	0.018	0.0092	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-19		
Lab Sample ID:	FA54471-30	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991751.D	1	05/30/18 15:33	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.45	1.0	0.31	ug/l	J
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	39.1	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	25.0	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	49.7	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	16.1	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate	5.0 U	20	5.0	ug/l	

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

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

Report of Analysis

Client Sample ID:	18871/MW-19		
Lab Sample ID:	FA54471-30	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99954.D	1	05/30/18 22:27	EM	05/30/18 10:30	OP70268	GDD2896
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.036	0.019	0.0093	ug/l	

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

(a) All hits confirmed by dual column analysis.
(b) Associated CCV outside control limits.

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

Report of Analysis

Client Sample ID:	18871/MW-12		
Lab Sample ID:	FA54471-31	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991752.D	100	05/30/18 15:59	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5010	100	31	ug/l	
108-88-3	Toluene	193	100	30	ug/l	
100-41-4	Ethylbenzene	803	100	36	ug/l	
1330-20-7	Xylene (total)	2800	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	23 U	100	23	ug/l	
91-20-3	Naphthalene	448	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	36.5	100	31	ug/l	J
108-20-3	Di-Isopropyl Ether	35.2	100	24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	1000 U	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	8200 U	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	24 U	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	3550	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	24 U	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	530 U	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	500 U	2000	500	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	96%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

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

Report of Analysis

Client Sample ID:	18871/MW-12		
Lab Sample ID:	FA54471-31	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99955.D	1	05/30/18 22:43	EM	05/30/18 10:30	OP70268	GDD2896
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.011	0.019	0.0093	ug/l	J

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

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	18871/MW-12 DUP		
Lab Sample ID:	FA54471-32	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991753.D	100	05/30/18 16:26	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	5050	100	31	ug/l	
108-88-3	Toluene	193	100	30	ug/l	
100-41-4	Ethylbenzene	802	100	36	ug/l	
1330-20-7	Xylene (total)	2810	300	72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	23 U	100	23	ug/l	
91-20-3	Naphthalene	460	500	100	ug/l	J
107-06-2	1,2-Dichloroethane	35.0	100	31	ug/l	J
108-20-3	Di-Isopropyl Ether	34.6	100	24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	1000 U	5000	1000	ug/l	
64-17-5	Ethyl Alcohol	8200 U	20000	8200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	24 U	200	24	ug/l	
75-85-4	Tert-Amyl Alcohol	3920	2000	530	ug/l	
994-05-8	Tert-Amyl Methyl Ether	24 U	200	24	ug/l	
75-65-0	Tert-Butyl Alcohol	530 U	2000	530	ug/l	
762-75-4	Tert-Butyl Formate	500 U	2000	500	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

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

Report of Analysis

Client Sample ID:	18871/MW-12 DUP		
Lab Sample ID:	FA54471-32	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD99956.D	1	05/30/18 22:58	EM	05/30/18 10:30	OP70268	GDD2896
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	0.013	0.018	0.0092	ug/l	J

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

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	18871/MW-18D		
Lab Sample ID:	FA54471-33	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991754.D	1	05/30/18 16:52	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	107%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/MW-18D
Lab Sample ID: FA54471-33
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 05/22/18
Date Received: 05/24/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99959.D	1	05/30/18 23:45	EM	05/30/18 10:30	OP70268	GDD2896
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-11		
Lab Sample ID:	FA54471-34	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991755.D	1	05/30/18 17:18	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	110%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-11		
Lab Sample ID:	FA54471-34	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99960.D	1	05/31/18 00:01	EM	05/30/18 10:30	OP70268	GDD2896
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	0.0093 U	0.019	0.0093	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	102%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-5		
Lab Sample ID:	FA54471-35	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991756.D	10	05/30/18 17:44	SP	n/a	n/a	VJ5927
Run #2	J0991799.D	25	05/31/18 12:42	SP	n/a	n/a	VJ5929

	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	684	10	3.1	ug/l	
108-88-3	Toluene	48.2	10	3.0	ug/l	
100-41-4	Ethylbenzene	274	10	3.6	ug/l	
1330-20-7	Xylene (total)	2130 [a]	75	18	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.3 U	10	2.3	ug/l	
91-20-3	Naphthalene	298	50	10	ug/l	
107-06-2	1,2-Dichloroethane	22.0	10	3.1	ug/l	
108-20-3	Di-Isopropyl Ether	12.3	10	2.4	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	100 U	500	100	ug/l	
64-17-5	Ethyl Alcohol	820 U	2000	820	ug/l	
637-92-3	Ethyl Tert Butyl Ether	2.4 U	20	2.4	ug/l	
75-85-4	Tert-Amyl Alcohol	1370	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	2.4 U	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	53 U	200	53	ug/l	
762-75-4	Tert-Butyl Formate	50 U	200	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	107%	79-125%
2037-26-5	Toluene-D8	98%	99%	85-112%
460-00-4	4-Bromofluorobenzene	96%	97%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	18871/MW-5		
Lab Sample ID:	FA54471-35	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD100007.D	10	05/31/18 12:17	EM	05/30/18 10:30	OP70268	GDD2896
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	1.7	0.19	0.094	ug/l	

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

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

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

Report of Analysis

Client Sample ID:	18871/MW-18		
Lab Sample ID:	FA54471-36	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991757.D	1	05/30/18 18:10	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	110%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/MW-18
Lab Sample ID: FA54471-36
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 05/22/18
Date Received: 05/24/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99962.D	1	05/31/18 00:32	EM	05/30/18 10:30	OP70268	GDD2896
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	0.0094 U	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-13D		
Lab Sample ID:	FA54471-37	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991758.D	1	05/30/18 18:37	SP	n/a	n/a	VJ5927
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	113%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-13D		
Lab Sample ID:	FA54471-37	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99963.D	1	05/31/18 00:48	EM	05/30/18 10:30	OP70268	GDD2896
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-3DD		
Lab Sample ID:	FA54471-38	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991759.D	1	05/30/18 19:03	SP	n/a	n/a	VJ5927
Run #2	J0991853.D	5	06/01/18 12:30	SP	n/a	n/a	VJ5933

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

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	1.5	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.51	1.0	0.36	ug/l	J
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	27.3	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	30.8	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	975 [a]	100	26	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	69.2	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	115%	108%	79-125%
2037-26-5	Toluene-D8	97%	99%	85-112%
460-00-4	4-Bromofluorobenzene	101%	100%	83-118%

(a) Result is from Run# 2

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

Report of Analysis

Client Sample ID:	18871/MW-3DD		
Lab Sample ID:	FA54471-38	**Date Sampled:**	05/22/18
Matrix:	AQ - Ground Water	**Date Received:**	05/24/18
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99964.D	1	05/31/18 01:03	EM	05/30/18 10:30	OP70268	GDD2896
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	0.0094 U	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	178% [a]		63-137%

(a) Outside control limits. Suspected double surrogate; however, sample was ND.

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

Report of Analysis

Client Sample ID:	18871/FIELD BLANK		
Lab Sample ID:	FA54471-39	**Date Sampled:**	05/22/18
Matrix:	AQ - Field Blank Water	**Date Received:**	05/24/18
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J0991852.D	1	06/01/18 12:03	SP	n/a	n/a	VJ5933
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate	5.0 U	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	107%		79-125%
2037-26-5	Toluene-D8	99%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/FIELD BLANK
Lab Sample ID: FA54471-39
Matrix: AQ - Field Blank Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 05/22/18
Date Received: 05/24/18
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD99965.D	1	05/31/18 01:19	EM	05/30/18 10:30	OP70268	GDD2896
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	0.0093 U	0.019	0.0093	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 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 ACCUTEST

SGS Accutest Southeast Chain of Custody

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

FA54471
SGS ACCUTEST JOB # : PAGE 1 OF 1

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Terracon Consultants
Address: 521 Clemson Rd
City: Columbia State: SC Zip: 29229
Project Contact: Regan W. Norris Email: regan.norris@terracon.com
Phone #: 803-741-9000
Sampler(s) Name(s) (Printed) Sampler 1: Regan Norris Sampler 2: CAM Frierson

Project Information

Project Name: Eddies Pit Stop
Street: RT. 2 Hwy 601 N.
City: Pageland State: SC
Project #: 73098106
Fax #: 803-741-9900
Client Purchase Order #

Analytical Information

SGS Accutest 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, NAPH, MTBE, 1,2DCA, EDB	EDB									LAB USE ONLY
1	18871 / MW-6	5-21-18	1145	RN	GW	5			5							3	2									
2	18871 / MW-17		1200	RN	GW	5			5							3	2									
3	18871 / MW-20		1215	RN	GW	5			5							3	2									
4	18871 / MW-22		1300	CF	GW	5			5							3	2									
5	18871 / MW-10		1400	RN	GW	5			5							3	2									
6	18871 / Trip Blank			RN	GW	2			2							2										
7	18871 / MW-20D		1430	RN	GW	5			5							3	2									
8	18871 / MW-12D		1525	CF	GW	5			5							3	2									
9	18871 / Field Blank		1510	RN	GW	5			5							3	2									
10	18871 / MW-21D		1610	RN	GW	5			5							3	2									
11	18871 / MW-22D	5-21-18	1700	RN	GW	5			5							3	2									
12	18871 / Trip Blank	5-21-18	TB	TB	TB	2			2							2										

Turnaround Time (Business days)

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

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3)
- [ ] FULLT2 (EPA LEVEL 4)
- [ ] EDD'S

ACCUTEST
2828-C QUEEN CITY DR
CLT NC 28208

Comments / Remarks

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	Chamed Frierson	5-23-18 0945	2 FX	3 FX	05-24-18	4 J. Cobar 09:30
	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): 3.6 3.8

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

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FA54471

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SGS Accutest Southeast
Chain of Custody

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www.accutest.com

SGS ACCUTEST JOB # : PAGE 1 OF 1

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Terracon Consultants
Address: 501 Clemson Road
City: Columbia State: SC Zip: 29229
Project Contact: Regan W. Norris Email: regan.norris@terracon.com
Phone #: 803-741-9000
Sampler(s) Name(s) (Printed) Sampler 1: Brian Hyatt Sampler 2: CAm Frierson

Project Information

Project Name: Eddies Pit Stop
Street: RT 2. Hwy 601 N
City: Pageland State: SC
Project #: 73098106
Fax #: 803-741-9900
Client Purchase Order #

Analytical Information

B-TEX, NAPH, MTBE, 1,2-DCA, DW | EDD

Matrix Codes

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

SGS Accutest Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NAOH+ZNAC	DI WATER	MEOH			LAB USE ONLY
13	18871 / MW-9	5-22-18	0910	BPH	GW	5			5							3	2	
14	18871 / RW-2	5-22-18	0925	BPH	GW	5			5							3	2	
15	18871 / RW-1	5-22-18	0940	BPH	GW	5			5							3	2	
16	18871 / MW-3	5-22-18	1000	BPH	GW	5			5							3	2	
17	18871 / MW-2	5-22-18	1015	BPH	GW	5			5							3	2	
18	18871 / MW-2 DUP	5-22-18	1015	BPH	GW	5			5							3	2	
19	18871 / MW-7	5-22-18	1105	CTF	GW	5			5							3	2	
20	18871 / MW-8	5-22-18	1130	CTF	GW	5			5							3	2	
21	18871 / MW-1	5-22-18	1195	BPH	GW	5			5							3	2	
22	18871 / MW-4	5-22-18	1200	BPH	GW	5			5							3	2	
23	18871 / MW-8D	5-22-18	1230	CTF	GW	5			5							3	2	
24	18871 / MW-16	5-22-18	1400	BPH	GW	5			5							3	2	

Turnaround Time (Business days)

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

Approved By: / Date:

Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

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

ACCUTEST
2820 QUEEN CITY DR
CLT NC 28208

Comments / Remarks

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 Chamed Frierson	5-23-18 0945	2 FX	3 FX	05-24-18	4 J. Corral 09:30
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

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

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

Effective Date 04/24/2017

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Chain of Custody

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SGS ACCUTEST JOB # : FA54471 PAGE 1 OF 1

SGS Accutest Quote # | SKIFF #

Client / Reporting Information

Company Name: Terracon Consultants
Address: 521 Clemson Road
City: Columbia State: SC Zip: 29229
Project Contact: Regan W. Norris Email: Regan.norris@terracon.com
Phone #: 803-741-9000
Sampler(s) Name(s) (Printed)
Sampler 1: Brian Hyatt Sampler 2: Cam Frierson

Project Information

Project Name: Eddies Pit Stop
Street RT 2. Hwy 601 N
City Pageland State SC
Project # 73098106
Fax # 803-741-9900
Client Purchase Order #

Analytical Information

B-tex, MAPH, MTBE, 2 Oxy

Matrix Codes

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

SGS Accutest Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	CONTAINER INFORMATION: OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NaOH+ZnAc	DI WATER	MEOH			LAB USE ONLY
25	18871 / MW-16D	5-22-18	1435	CTF	GW	5			5							3	2	
26	18871 / MW-14	5-22-18	1455	BPH	GW	5			5							3	2	
27	18871 / MW-15	5-22-18	1535	BPH	GW	5			5							3	2	
28	18871 / MW-15D	5-22-18	1535	CTF	GW	5			5							3	2	
29	18871 / MW-19D	5-22-18	1635	CTF	GW	5			5							3	2	
30	18871 / MW-19	5-22-18	1640	BPH	GW	5			5							3	2	
31	18871 / MW-12	5-22-18	1715	BPH	GW	5			5							3	2	
32	18871 / MW-12 Dup	5-22-18	1715	BPH	GW	5			5							3	2	
33	18871 / MW-18D	5-22-18	1735	CTF	GW	5			5							3	2	
34	18871 / MW-11	5-22-18	1795	BPH	GW	5			5							3	2	
35	18871 / MW-5	5-22-18	1750	BPH	GW	5			5							3	2	
36	18871 / MW-18	5-22-18	1825	CTF	GW	5			5							3	2	

Turnaround Time (Business days)

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

Data Deliverable Information

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

ACCUTEST
2000 QUEEN CITY DR
CLT NC 28203

Comments / Remarks

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 Chameo Frierson	05-23-18 0945	2 FX	3 FX	05-24-18	4 J. Cooper 09:30
Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
5		6	7		8

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

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

Effective Date 04/24/2017

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Chain of Custody

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SGS - ORLANDO JOB # : FA54471 PAGE 1 OF 1

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Terracon Consultants
Address: 521 Clemson Road
City: Columbia State: SC Zip: 29229
Project Contact: Regan W. Norris Email: regan.norris@terracon.com
Phone #: 803-741-9000

Project Information

Project Name: Eddies Pit Stop
Street: RT 2. HWY 601 N
City: Pageland State: SC
Project #: 730981O6
Fax #: 803-741-9900
Client Purchase Order #

Sampler(s) Name(s) (Printed)
Sampler 1: Brian Hyatt Sampler 2: CAM Frierson

Analytical Information

SGS Orlando Sample #	Field ID / Point of Collection	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	TOTAL # OF BOTTLES	OTHER	NONE	HCl	NaOH	HNO3	H2SO4	NAOH+ZNAI	DI WATER	MEOH	BTEX, NAPH, MTBE, 1,2 EDB	EDB									LAB USE ONLY
37	18871 / MW-13	5-22-18	1610	BPH	GW	5			5							3	2									
38	18871 / MW-3D	5-22-18	1935	CTF	GW	5			5							3	2									
39	18871 / Field Blank	5-22-18	1945	CTF	GW	5			5							3	2									

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)
7 Day
5 Day
3 Day *RUSH*
2 Day *RUSH*
1 Day *RUSH*
Other
Approved By: / Date:
Rush T/A Data Available VIA Email or Lablink

Data Deliverable Information

- [ ] COMMERCIAL "A" (RESULTS ONLY)
- [ ] COMMERCIAL "B" (RESULTS PLUS QC)
- [ ] REDT1 (EPA LEVEL 3) ACCUTEST
- [ ] FULL (EPA LEVEL 4) 2826-C QUEEN CITY DR
- [ ] EDD'S CLT NC 28208

Comments / Remarks

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 Chameo Frierson	5-23-18 0945	2 FX	3 FX	05-24-18	4 J. Copar 09:30
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

SGS Sample Receipt Summary

Job Number: FA54471 **Client:** TERRACON **Project:** 73098106

Date / Time Received: 5/24/2018 9:30:00 AM **Delivery Method:** FX **Airbill #'s:** 1015899983460003281100812565566758

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

Cooler Temps (Raw Measured) °C: Cooler 1: (3.2); Cooler 2: (3.4);

Cooler Temps (Corrected) °C: Cooler 1: (3.6); Cooler 2: (3.8);

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	Broken / Leaking			
5. Sample recvd within HT	☑		☐	
6. Dates/Times/IDs on COC match Sample Label	☑		☐	
7. VOCs have headspace	☐		☑	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc. Information

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

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

Residual Chlorine Test Strip Lot #: _____

Comments 2 VOA vials received instead of 3, 1 broken for sample #9 (8260),2 VOA vials received instead of 3 for (EDB)

SM001
Rev. Date 05/24/17

Technician: JORGEC Date: 5/24/2018 9:30:00 AM Reviewer: _____ Date: _____

FA54471: Chain of Custody
Page 5 of 5

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: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5926-MB	J0991713.D	1	05/29/18	SP	n/a	n/a	VJ5926

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

FA54471-1, FA54471-2, FA54471-3, FA54471-4, FA54471-5, FA54471-6, FA54471-7, FA54471-8, FA54471-9, FA54471-10, FA54471-11, FA54471-12, FA54471-13, FA54471-14, FA54471-15, FA54471-16, FA54471-17, FA54471-18, FA54471-19, FA54471-20

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	112%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Method Blank Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4449-MB	M0103231.D	1	05/30/18	AB	n/a	n/a	VM4449

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

FA54471-10

CAS No.	Compound	Result	RL	MDL	Units	Q
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	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	97%	83-118%

Method Blank Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5927-MB	J0991741.D	1	05/30/18	SP	n/a	n/a	VJ5927

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

FA54471-11, FA54471-21, FA54471-22, FA54471-23, FA54471-24, FA54471-25, FA54471-26, FA54471-27, FA54471-28, FA54471-29, FA54471-30, FA54471-31, FA54471-32, FA54471-33, FA54471-34, FA54471-35, FA54471-36, FA54471-37, FA54471-38

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	110%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Method Blank Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5929-MB	J0991796.D	1	05/31/18	SP	n/a	n/a	VJ5929

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

FA54471-22, FA54471-23, FA54471-35

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	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	113%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Method Blank Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5933-MB	J0991851.D	1	06/01/18	SP	n/a	n/a	VJ5933

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

FA54471-38, FA54471-39

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	113%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

Blank Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5926-BS	J0991711.D	1	05/29/18	SP	n/a	n/a	VJ5926

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

FA54471-1, FA54471-2, FA54471-3, FA54471-4, FA54471-5, FA54471-6, FA54471-7, FA54471-8, FA54471-9, FA54471-10, FA54471-11, FA54471-12, FA54471-13, FA54471-14, FA54471-15, FA54471-16, FA54471-17, FA54471-18, FA54471-19, FA54471-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.3	105	81-122
107-06-2	1,2-Dichloroethane	25	25.3	101	75-125
108-20-3	Di-Isopropyl Ether	25	24.9	100	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1100	88	55-126
64-17-5	Ethyl Alcohol	500	516	103	46-145
100-41-4	Ethylbenzene	25	25.8	103	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.8	95	71-120
1634-04-4	Methyl Tert Butyl Ether	25	23.3	93	72-117
91-20-3	Naphthalene	25	24.8	99	63-132
75-85-4	Tert-Amyl Alcohol	250	227	91	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.5	90	73-122
75-65-0	Tert-Butyl Alcohol	250	253	101	63-129
762-75-4	Tert-Butyl Formate	250	216	86	46-130
108-88-3	Toluene	25	26.0	104	80-120
1330-20-7	Xylene (total)	75	79.6	106	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VM4449-BS	M0103230.D	1	05/30/18	AB	n/a	n/a	VM4449

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

FA54471-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
1634-04-4	Methyl Tert Butyl Ether	25	21.7	87	72-117

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5927-BS	J0991740.D	1	05/30/18	SP	n/a	n/a	VJ5927

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

FA54471-11, FA54471-21, FA54471-22, FA54471-23, FA54471-24, FA54471-25, FA54471-26, FA54471-27, FA54471-28, FA54471-29, FA54471-30, FA54471-31, FA54471-32, FA54471-33, FA54471-34, FA54471-35, FA54471-36, FA54471-37, FA54471-38

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.6	110	81-122
107-06-2	1,2-Dichloroethane	25	25.9	104	75-125
108-20-3	Di-Isopropyl Ether	25	26.0	104	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1280	102	55-126
64-17-5	Ethyl Alcohol	500	606	121	46-145
100-41-4	Ethylbenzene	25	27.0	108	81-121
637-92-3	Ethyl Tert Butyl Ether	25	24.5	98	71-120
1634-04-4	Methyl Tert Butyl Ether	25	23.9	96	72-117
91-20-3	Naphthalene	25	25.3	101	63-132
75-85-4	Tert-Amyl Alcohol	250	228	91	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.3	93	73-122
75-65-0	Tert-Butyl Alcohol	250	255	102	63-129
762-75-4	Tert-Butyl Formate	250	235	94	46-130
108-88-3	Toluene	25	26.9	108	80-120
1330-20-7	Xylene (total)	75	83.6	111	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5929-BS	J0991795.D	1	05/31/18	SP	n/a	n/a	VJ5929

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

FA54471-22, FA54471-23, FA54471-35

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	25	22.5	90	81-121
91-20-3	Naphthalene	25	21.2	85	63-132
1330-20-7	Xylene (total)	75	70.0	93	80-126

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VJ5933-BS	J0991850.D	1	06/01/18	SP	n/a	n/a	VJ5933

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

FA54471-38, FA54471-39

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	25.2	101	81-122
107-06-2	1,2-Dichloroethane	25	24.1	96	75-125
108-20-3	Di-Isopropyl Ether	25	24.6	98	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1180	94	55-126
64-17-5	Ethyl Alcohol	500	646	129	46-145
100-41-4	Ethylbenzene	25	26.0	104	81-121
637-92-3	Ethyl Tert Butyl Ether	25	22.9	92	71-120
1634-04-4	Methyl Tert Butyl Ether	25	22.0	88	72-117
91-20-3	Naphthalene	25	25.6	102	63-132
75-85-4	Tert-Amyl Alcohol	250	224	90	65-124
994-05-8	Tert-Amyl Methyl Ether	25	21.3	85	73-122
75-65-0	Tert-Butyl Alcohol	250	235	94	63-129
762-75-4	Tert-Butyl Formate	250	256	102	46-130
108-88-3	Toluene	25	25.5	102	80-120
1330-20-7	Xylene (total)	75	80.0	107	80-126

CAS No.	Surrogate Recoveries	BSP	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	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA54471-3MS	J0991717.D	5	05/29/18	SP	n/a	n/a	VJ5926
FA54471-3MSD	J0991718.D	5	05/29/18	SP	n/a	n/a	VJ5926
FA54471-3	J0991716.D	5	05/29/18	SP	n/a	n/a	VJ5926

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

FA54471-1, FA54471-2, FA54471-3, FA54471-4, FA54471-5, FA54471-6, FA54471-7, FA54471-8, FA54471-9, FA54471-10, FA54471-11, FA54471-12, FA54471-13, FA54471-14, FA54471-15, FA54471-16, FA54471-17, FA54471-18, FA54471-19, FA54471-20

CAS No.	Compound	FA54471-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	266		125	387	97	125	386	96	0	81-122/14
107-06-2	1,2-Dichloroethane	8.4		125	137	103	125	137	103	0	75-125/14
108-20-3	Di-Isopropyl Ether	5.0 U		125	128	102	125	130	104	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	250 U		6250	6220	100	6250	6170	99	1	55-126/17
64-17-5	Ethyl Alcohol	1000 U		2500	2730	109	2500	2690	108	1	46-145/30
100-41-4	Ethylbenzene	8.3		125	141	106	125	142	107	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	10 U		125	120	96	125	122	98	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	39.4		125	154	92	125	157	94	2	72-117/14
91-20-3	Naphthalene	7.5	J	125	137	104	125	138	104	1	63-132/25
75-85-4	Tert-Amyl Alcohol	675		1250	1950	102	1250	1900	98	3	65-124/23
994-05-8	Tert-Amyl Methyl Ether	10 U		125	110	88	125	114	91	4	73-122/13
75-65-0	Tert-Butyl Alcohol	156		1250	1610	116	1250	1600	116	1	63-129/27
762-75-4	Tert-Butyl Formate	100 U		1250	633	51	1250	629	50	1	46-130/33
108-88-3	Toluene	5.0 U		125	132	106	125	134	107	2	80-120/14
1330-20-7	Xylene (total)	75.8		375	488	110	375	486	109	0	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA54471-3	Limits
1868-53-7	Dibromofluoromethane	100%	100%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	102%	106%	79-125%
2037-26-5	Toluene-D8	99%	100%	98%	85-112%
460-00-4	4-Bromofluorobenzene	101%	101%	100%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA54521-2MS	M0103250.D	50	05/30/18	AB	n/a	n/a	VM4449
FA54521-2MSD	M0103251.D	50	05/30/18	AB	n/a	n/a	VM4449
FA54521-2	M0103235.D	50	05/30/18	AB	n/a	n/a	VM4449

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

FA54471-10

CAS No.	Compound	FA54521-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
1634-04-4	Methyl Tert Butyl Ether	40.5	J	1250	1080	83	1250	1170	90	8	72-117/14

CAS No.	Surrogate Recoveries	MS	MSD	FA54521-2	Limits
1868-53-7	Dibromofluoromethane	99%	99%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	100%	102%	79-125%
2037-26-5	Toluene-D8	99%	99%	99%	85-112%
460-00-4	4-Bromofluorobenzene	96%	96%	97%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA54471-11MS	J0991762.D	25	05/30/18	SP	n/a	n/a	VJ5927
FA54471-11MSD	J0991763.D	25	05/30/18	SP	n/a	n/a	VJ5927
FA54471-11	J0991761.D	25	05/30/18	SP	n/a	n/a	VJ5927

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

FA54471-11, FA54471-21, FA54471-22, FA54471-23, FA54471-24, FA54471-25, FA54471-26, FA54471-27, FA54471-28, FA54471-29, FA54471-30, FA54471-31, FA54471-32, FA54471-33, FA54471-34, FA54471-35, FA54471-36, FA54471-37, FA54471-38

CAS No.	Compound	FA54471-11 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	3260	E	625	3630	59* [a]	625	3530	43* [a]	3	81-122/14
107-06-2	1,2-Dichloroethane	79.3		625	666	94	625	693	98	4	75-125/14
108-20-3	Di-Isopropyl Ether	18.6	J	625	621	96	625	620	96	0	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	1300 U		31300	29800	95	31300	28600	92	4	55-126/17
64-17-5	Ethyl Alcohol	5000 U		12500	15500	124	12500	14600	117	6	46-145/30
100-41-4	Ethylbenzene	646		625	1260	98	625	1250	97	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	50 U		625	556	89	625	581	93	4	71-120/14
1634-04-4	Methyl Tert Butyl Ether	258		625	779	83	625	809	88	4	72-117/14
91-20-3	Naphthalene	252		625	854	96	625	898	103	5	63-132/25
75-85-4	Tert-Amyl Alcohol	9330		6250	16400	113	6250	16600	116	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	50 U		625	510	82	625	531	85	4	73-122/13
75-65-0	Tert-Butyl Alcohol	3340		6250	9630	101	6250	10100	108	5	63-129/27
762-75-4	Tert-Butyl Formate	500 U		6250	4820	77	6250	4710	75	2	46-130/33
108-88-3	Toluene	91.5		625	709	99	625	728	102	3	80-120/14
1330-20-7	Xylene (total)	836		1880	2800	105	1880	2800	105	0	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA54471-11	Limits
1868-53-7	Dibromofluoromethane	99%	99%	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	105%	107%	79-125%
2037-26-5	Toluene-D8	100%	101%	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	99%	97%	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: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA54553-12MS	J0991802.D	20	05/31/18	SP	n/a	n/a	VJ5929
FA54553-12MSD	J0991803.D	20	05/31/18	SP	n/a	n/a	VJ5929
FA54553-12	J0991801.D	20	05/31/18	SP	n/a	n/a	VJ5929

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

FA54471-22, FA54471-23, FA54471-35

CAS No.	Compound	FA54553-12 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	197		500	667	94	500	669	94	0	81-121/14
91-20-3	Naphthalene	40.1	J	500	490	90	500	512	94	4	63-132/25
1330-20-7	Xylene (total)	36.1	J	1500	1530	100	1500	1550	101	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA54553-12	Limits
1868-53-7	Dibromofluoromethane	96%	100%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	101%	101%	106%	79-125%
2037-26-5	Toluene-D8	100%	101%	98%	85-112%
460-00-4	4-Bromofluorobenzene	100%	100%	97%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA54471-38MS	J0991854.D	5	06/01/18	SP	n/a	n/a	VJ5933
FA54471-38MSD	J0991855.D	5	06/01/18	SP	n/a	n/a	VJ5933
FA54471-38	J0991853.D	5	06/01/18	SP	n/a	n/a	VJ5933

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

FA54471-38, FA54471-39

CAS No.	Compound	FA54471-38 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	5.0	U	125	133	106	125	129	103	3	81-122/14
107-06-2	1,2-Dichloroethane	26.0		125	151	100	125	144	94	5	75-125/14
108-20-3	Di-Isopropyl Ether	29.5		125	158	103	125	153	99	3	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	250	U	6250	6070	97	6250	6110	98	1	55-126/17
64-17-5	Ethyl Alcohol	1000	U	2500	2500	100	2500	2900	116	15	46-145/30
100-41-4	Ethylbenzene	5.0	U	125	132	106	125	129	103	2	81-121/14
637-92-3	Ethyl Tert Butyl Ether	10	U	125	120	96	125	117	94	3	71-120/14
1634-04-4	Methyl Tert Butyl Ether	5.0	U	125	113	90	125	111	89	2	72-117/14
91-20-3	Naphthalene	25	U	125	123	98	125	123	98	0	63-132/25
75-85-4	Tert-Amyl Alcohol	975		1250	2250	102	1250	2290	105	2	65-124/23
994-05-8	Tert-Amyl Methyl Ether	10	U	125	111	89	125	109	87	2	73-122/13
75-65-0	Tert-Butyl Alcohol	100	U	1250	1230	98	1250	1250	100	2	63-129/27
762-75-4	Tert-Butyl Formate	100	U	1250	1280	102	1250	1210	97	6	46-130/33
108-88-3	Toluene	5.0	U	125	130	104	125	127	102	2	80-120/14
1330-20-7	Xylene (total)	15	U	375	410	109	375	398	106	3	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA54471-38	Limits
1868-53-7	Dibromofluoromethane	100%	102%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	109%	107%	108%	79-125%
2037-26-5	Toluene-D8	99%	99%	99%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	100%	83-118%

* = Outside of Control Limits.

GC Volatiles

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QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70213-MB	DD99901.D	1	05/25/18	NM	05/25/18	OP70213	GDD2895

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

FA54471-1, FA54471-2, FA54471-3, FA54471-4, FA54471-5, FA54471-7, FA54471-8, FA54471-9, FA54471-10, FA54471-11, FA54471-13, FA54471-14, FA54471-15, FA54471-16, FA54471-17, FA54471-18, FA54471-19, FA54471-20, FA54471-21, FA54471-22

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	107%	63-137%

Method Blank Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70268-MB	DD99942.D	1	05/30/18	EM	05/30/18	OP70268	GDD2896

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

FA54471-23, FA54471-24, FA54471-25, FA54471-26, FA54471-27, FA54471-28, FA54471-29, FA54471-30, FA54471-31, FA54471-32, FA54471-33, FA54471-34, FA54471-35, FA54471-36, FA54471-37, FA54471-38, FA54471-39

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	104%	63-137%

Blank Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70213-BS	DD99899.D	1	05/25/18	NM	05/25/18	OP70213	GDD2895

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

FA54471-1, FA54471-2, FA54471-3, FA54471-4, FA54471-5, FA54471-7, FA54471-8, FA54471-9, FA54471-10, FA54471-11, FA54471-13, FA54471-14, FA54471-15, FA54471-16, FA54471-17, FA54471-18, FA54471-19, FA54471-20, FA54471-21, FA54471-22

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.29	116	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	107%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70213-BS2	DD99900.D	1	05/25/18	NM	05/25/18	OP70213	GDD2895

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

FA54471-1, FA54471-2, FA54471-3, FA54471-4, FA54471-5, FA54471-7, FA54471-8, FA54471-9, FA54471-10, FA54471-11, FA54471-13, FA54471-14, FA54471-15, FA54471-16, FA54471-17, FA54471-18, FA54471-19, FA54471-20, FA54471-21, FA54471-22

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.30	120	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	113%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70268-BS	DD99940.D	1	05/30/18	EM	05/30/18	OP70268	GDD2896

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

FA54471-23, FA54471-24, FA54471-25, FA54471-26, FA54471-27, FA54471-28, FA54471-29, FA54471-30, FA54471-31, FA54471-32, FA54471-33, FA54471-34, FA54471-35, FA54471-36, FA54471-37, FA54471-38, FA54471-39

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.27	108	72-134

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70268-BS2	DD99941.D	1	05/30/18	EM	05/30/18	OP70268	GDD2896

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

FA54471-23, FA54471-24, FA54471-25, FA54471-26, FA54471-27, FA54471-28, FA54471-29, FA54471-30, FA54471-31, FA54471-32, FA54471-33, FA54471-34, FA54471-35, FA54471-36, FA54471-37, FA54471-38, FA54471-39

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.31	124	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	112%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70213-MS	DD99903.D	1	05/25/18	NM	05/25/18	OP70213	GDD2895
FA54471-1	DD99902.D	1	05/25/18	NM	05/25/18	OP70213	GDD2895

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

FA54471-1, FA54471-2, FA54471-3, FA54471-4, FA54471-5, FA54471-7, FA54471-8, FA54471-9, FA54471-10, FA54471-11, FA54471-13, FA54471-14, FA54471-15, FA54471-16, FA54471-17, FA54471-18, FA54471-19, FA54471-20, FA54471-21, FA54471-22

CAS No.	Compound	FA54471-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	0.019	U	0.23	0.23	100	72-134

CAS No.	Surrogate Recoveries	MS	FA54471-1	Limits
460-00-4	4-Bromofluorobenzene	89%	97%	63-137%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70268-MS	DD99944.D	1	05/30/18	EM	05/30/18	OP70268	GDD2896
FA54471-23 [a]	DD99943.D	1	05/30/18	EM	05/30/18	OP70268	GDD2896

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

FA54471-23, FA54471-24, FA54471-25, FA54471-26, FA54471-27, FA54471-28, FA54471-29, FA54471-30, FA54471-31, FA54471-32, FA54471-33, FA54471-34, FA54471-35, FA54471-36, FA54471-37, FA54471-38, FA54471-39

CAS No.	Compound	FA54471-23 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
106-93-4	1,2-Dibromoethane	0.012	J	0.233	0.24	98	72-134

CAS No.	Surrogate Recoveries	MS	FA54471-23	Limits
460-00-4	4-Bromofluorobenzene	94%	83%	63-137%

(a) All hits confirmed by dual column analysis.

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70213-DUP	DD99905.D	1	05/25/18	NM	05/25/18	OP70213	GDD2895
FA54471-2	DD99904.D	1	05/25/18	NM	05/25/18	OP70213	GDD2895

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

FA54471-1, FA54471-2, FA54471-3, FA54471-4, FA54471-5, FA54471-7, FA54471-8, FA54471-9, FA54471-10, FA54471-11, FA54471-13, FA54471-14, FA54471-15, FA54471-16, FA54471-17, FA54471-18, FA54471-19, FA54471-20, FA54471-21, FA54471-22

CAS No.	Compound	FA54471-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	0.018	U	ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA54471-2	Limits
460-00-4	4-Bromofluorobenzene	81%	84%	63-137%

* = Outside of Control Limits.

Duplicate Summary

Job Number: FA54471
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP70268-DUP	DD99948.D	1	05/30/18	EM	05/30/18	OP70268	GDD2896
FA54471-24	DD99947.D	1	05/30/18	EM	05/30/18	OP70268	GDD2896

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

FA54471-23, FA54471-24, FA54471-25, FA54471-26, FA54471-27, FA54471-28, FA54471-29, FA54471-30, FA54471-31, FA54471-32, FA54471-33, FA54471-34, FA54471-35, FA54471-36, FA54471-37, FA54471-38, FA54471-39

CAS No.	Compound	FA54471-24 ug/l	Q	DUP ug/l	Q	RPD	Limits
106-93-4	1,2-Dibromoethane	0.018 U		ND		nc	28

CAS No.	Surrogate Recoveries	DUP	FA54471-24	Limits
460-00-4	4-Bromofluorobenzene	109%	85%	63-137%

* = Outside of Control Limits.

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT:
Access Analytical, Inc.
7478 Carlisle St.
Irmo, SC 29063
ATTN: Ashley Amick

PROJECT:
Eddies Pit Stop

DATE:
06.20.18

Primary Data Review By:

Project Manager, Pace Analytical

Secondary Data Review By:

Ashley B. Amick

Project Manager, Access Analytical
aamick@axs-inc.com

Notes:

- Unless otherwise noted, all analysis on this report performed at Pace Analytical Services, Inc. For a list of analyzing locations and certifications, please see page 3 of included analytical report.

- Local support services for this project are provided by Access Analytical, Inc. Please direct all questions regarding this project to your Access Analytical project manager at 803-781-4243 or at the email address listed above.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

Ashley Amick
Access Analytical, Inc.
7478 Carlisle St.
Irmo, SC 29063

RE: Project: Eddies Pit Stop
Pace Project No.: 92386166

Dear Ashley Amick:
Enclosed are the analytical results for sample(s) received by the laboratory on May 25, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

This report was revised on 06/20/18 to rename the sample IDs as per client request.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Taylor Ezell
taylor.ezell@pacelabs.com
(704)875-9092
Project Manager

Enclosures

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Eddies Pit Stop
Pace Project No.: 92386166

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Wyoming Certification: FL NELAC Reciprocity
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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SAMPLE SUMMARY

Project: Eddies Pit Stop
Pace Project No.: 92386166

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92386166001	**18871 PW-1**	Water	05/22/18 18:50	05/25/18 11:17
92386166002	**18871 PW-1 DUP**	Water	05/22/18 18:50	05/25/18 11:17
92386166003	**FIELD BLANK**	Water	05/22/18 19:00	05/25/18 11:17
92386166004	**TRIP BLANK**	Water	05/22/18 00:00	05/25/18 11:17

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SAMPLE ANALYTE COUNT

Project: Eddies Pit Stop
Pace Project No.: 92386166

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92386166001	**18871 PW-1**	EPA 504.1	SEM	2	PASI-C
		EPA 524.2	JLR	10	PASI-O
		EPA 8260	GAW	11	PASI-C
92386166002	**18871 PW-1 DUP**	EPA 504.1	SEM	2	PASI-C
		EPA 524.2	JLR	10	PASI-O
		EPA 8260	GAW	11	PASI-C
92386166003	**FIELD BLANK**	EPA 504.1	SEM	2	PASI-C
		EPA 524.2	JLR	10	PASI-O
		EPA 8260	GAW	11	PASI-C
92386166004	**TRIP BLANK**	EPA 524.2	JLR	10	PASI-O

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SUMMARY OF DETECTION

Project: Eddies Pit Stop
Pace Project No.: 92386166

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92386166001	**18871 PW-1**					
EPA 8260	Diisopropyl ether	1.6	ug/L	1.0	05/30/18 13:59	
92386166002	**18871 PW-1 DUP**					
EPA 8260	Diisopropyl ether	1.6	ug/L	1.0	05/30/18 14:15	

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PROJECT NARRATIVE

Project: Eddies Pit Stop
Pace Project No.: 92386166

Method: **EPA 504.1**
Description: 504 GCS EDB and DBCP
Client: Access Analytical, Inc.
Date: June 20, 2018

General Information:
3 samples were analyzed for EPA 504.1. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 504.1 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 413478

D6: The precision between the sample and sample duplicate exceeded laboratory control limits.
- DUP (Lab ID: 2293066)
  - 1,2-Dibromoethane (EDB)

Additional Comments:

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PROJECT NARRATIVE

Project: Eddies Pit Stop
Pace Project No.: 92386166

Method: **EPA 524.2**
Description: 524.2 MSV
Client: Access Analytical, Inc.
Date: June 20, 2018

General Information:
4 samples were analyzed for EPA 524.2. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 450689

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 2441476)
  - Methyl-tert-butyl ether
- LCSD (Lab ID: 2441477)
  - Methyl-tert-butyl ether

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Eddies Pit Stop
Pace Project No.: 92386166

Method: **EPA 8260**
Description: 8260 MSV Low Level SC
Client: Access Analytical, Inc.
Date: June 20, 2018

General Information:
3 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Eddies Pit Stop
Pace Project No.: 92386166

Sample: 18871 PW-1 **Lab ID: 92386166001** Collected: 05/22/18 18:50 Received: 05/25/18 11:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	**0.019U**	ug/L	0.019	0.019	1	06/02/18 08:30	06/02/18 14:59	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	116	%	70-130		1	06/02/18 08:30	06/02/18 14:59	301-79-56	
524.2 MSV	Analytical Method: EPA 524.2								
Benzene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 13:05	71-43-2	
1,2-Dichloroethane	**0.25U**	ug/L	0.50	0.25	1		05/29/18 13:05	107-06-2	
Ethylbenzene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 13:05	100-41-4	
Methyl-tert-butyl ether	**0.25U**	ug/L	0.50	0.25	1		05/29/18 13:05	1634-04-4	L1
Naphthalene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 13:05	91-20-3	
Toluene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 13:05	108-88-3	
Xylene (Total)	**0.25U**	ug/L	0.50	0.25	1		05/29/18 13:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		05/29/18 13:05	460-00-4	
Toluene-d8 (S)	97	%	70-130		1		05/29/18 13:05	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/29/18 13:05	17060-07-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260								
tert-Amyl Alcohol	**50.0U**	ug/L	100	50.0	1		05/30/18 13:59	75-85-4	
tert-Amylmethyl ether	**0.10U**	ug/L	10.0	0.10	1		05/30/18 13:59	994-05-8	
3,3-Dimethyl-1-Butanol	**50.0U**	ug/L	100	50.0	1		05/30/18 13:59	624-95-3	
tert-Butyl Alcohol	**3.6U**	ug/L	100	3.6	1		05/30/18 13:59	75-65-0	
tert-Butyl Formate	**1.9U**	ug/L	50.0	1.9	1		05/30/18 13:59	762-75-4	
Diisopropyl ether	**1.6**	ug/L	1.0	0.12	1		05/30/18 13:59	108-20-3	
Ethanol	**131U**	ug/L	200	131	1		05/30/18 13:59	64-17-5	
Ethyl-tert-butyl ether	**0.070U**	ug/L	10.0	0.070	1		05/30/18 13:59	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		05/30/18 13:59	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		05/30/18 13:59	17060-07-0	
Toluene-d8 (S)	107	%	70-130		1		05/30/18 13:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Eddies Pit Stop
Pace Project No.: 92386166

Sample: 18871 PW-1 DUP **Lab ID: 92386166002** Collected: 05/22/18 18:50 Received: 05/25/18 11:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	**0.020U**	ug/L	0.020	0.020	1	06/02/18 08:30	06/02/18 15:19	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	125	%	70-130		1	06/02/18 08:30	06/02/18 15:19	301-79-56	
524.2 MSV	Analytical Method: EPA 524.2								
Benzene	**0.25U**	ug/L	0.50	0.25	1		05/30/18 13:17	71-43-2	
1,2-Dichloroethane	**0.25U**	ug/L	0.50	0.25	1		05/30/18 13:17	107-06-2	
Ethylbenzene	**0.25U**	ug/L	0.50	0.25	1		05/30/18 13:17	100-41-4	
Methyl-tert-butyl ether	**0.25U**	ug/L	0.50	0.25	1		05/30/18 13:17	1634-04-4	
Naphthalene	**0.25U**	ug/L	0.50	0.25	1		05/30/18 13:17	91-20-3	
Toluene	**0.25U**	ug/L	0.50	0.25	1		05/30/18 13:17	108-88-3	
Xylene (Total)	**0.25U**	ug/L	0.50	0.25	1		05/30/18 13:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		05/30/18 13:17	460-00-4	
Toluene-d8 (S)	99	%	70-130		1		05/30/18 13:17	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/30/18 13:17	17060-07-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260								
tert-Amyl Alcohol	**50.0U**	ug/L	100	50.0	1		05/30/18 14:15	75-85-4	
tert-Amylmethyl ether	**0.10U**	ug/L	10.0	0.10	1		05/30/18 14:15	994-05-8	
3,3-Dimethyl-1-Butanol	**50.0U**	ug/L	100	50.0	1		05/30/18 14:15	624-95-3	
tert-Butyl Alcohol	**3.6U**	ug/L	100	3.6	1		05/30/18 14:15	75-65-0	
tert-Butyl Formate	**1.9U**	ug/L	50.0	1.9	1		05/30/18 14:15	762-75-4	
Diisopropyl ether	**1.6**	ug/L	1.0	0.12	1		05/30/18 14:15	108-20-3	
Ethanol	**131U**	ug/L	200	131	1		05/30/18 14:15	64-17-5	
Ethyl-tert-butyl ether	**0.070U**	ug/L	10.0	0.070	1		05/30/18 14:15	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		05/30/18 14:15	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		05/30/18 14:15	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		05/30/18 14:15	2037-26-5	

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ANALYTICAL RESULTS

Project: Eddies Pit Stop
Pace Project No.: 92386166

Sample: FIELD BLANK **Lab ID: 92386166003** Collected: 05/22/18 19:00 Received: 05/25/18 11:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	**0.020U**	ug/L	0.020	0.020	1	06/02/18 08:30	06/02/18 15:40	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	97	%	70-130		1	06/02/18 08:30	06/02/18 15:40	301-79-56	
524.2 MSV	Analytical Method: EPA 524.2								
Benzene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:17	71-43-2	
1,2-Dichloroethane	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:17	107-06-2	
Ethylbenzene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:17	100-41-4	
Methyl-tert-butyl ether	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:17	1634-04-4	L1
Naphthalene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:17	91-20-3	
Toluene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:17	108-88-3	
Xylene (Total)	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:17	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		05/29/18 14:17	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/29/18 14:17	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/29/18 14:17	17060-07-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260								
tert-Amyl Alcohol	**50.0U**	ug/L	100	50.0	1		05/30/18 13:42	75-85-4	
tert-Amylmethyl ether	**0.10U**	ug/L	10.0	0.10	1		05/30/18 13:42	994-05-8	
3,3-Dimethyl-1-Butanol	**50.0U**	ug/L	100	50.0	1		05/30/18 13:42	624-95-3	
tert-Butyl Alcohol	**3.6U**	ug/L	100	3.6	1		05/30/18 13:42	75-65-0	
tert-Butyl Formate	**1.9U**	ug/L	50.0	1.9	1		05/30/18 13:42	762-75-4	
Diisopropyl ether	**0.12U**	ug/L	1.0	0.12	1		05/30/18 13:42	108-20-3	
Ethanol	**131U**	ug/L	200	131	1		05/30/18 13:42	64-17-5	
Ethyl-tert-butyl ether	**0.070U**	ug/L	10.0	0.070	1		05/30/18 13:42	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		05/30/18 13:42	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		05/30/18 13:42	17060-07-0	
Toluene-d8 (S)	108	%	70-130		1		05/30/18 13:42	2037-26-5	

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ANALYTICAL RESULTS

Project: Eddies Pit Stop
Pace Project No.: 92386166

Sample: TRIP BLANK **Lab ID: 92386166004** Collected: 05/22/18 00:00 Received: 05/25/18 11:17 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV	Analytical Method: EPA 524.2								
Benzene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:41	71-43-2	
1,2-Dichloroethane	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:41	107-06-2	
Ethylbenzene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:41	100-41-4	
Methyl-tert-butyl ether	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:41	1634-04-4	L1
Naphthalene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:41	91-20-3	
Toluene	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:41	108-88-3	
Xylene (Total)	**0.25U**	ug/L	0.50	0.25	1		05/29/18 14:41	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		05/29/18 14:41	460-00-4	
Toluene-d8 (S)	100	%	70-130		1		05/29/18 14:41	2037-26-5	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/29/18 14:41	17060-07-0	

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QUALITY CONTROL DATA

Project: Eddies Pit Stop
Pace Project No.: 92386166

QC Batch: 450689 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 92386166001, 92386166003, 92386166004

METHOD BLANK: 2441475 Matrix: Water
Associated Lab Samples: 92386166001, 92386166003, 92386166004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	0.25U	0.50	0.25	05/29/18 11:30	
Benzene	ug/L	0.25U	0.50	0.25	05/29/18 11:30	
Ethylbenzene	ug/L	0.25U	0.50	0.25	05/29/18 11:30	
Methyl-tert-butyl ether	ug/L	0.25U	0.50	0.25	05/29/18 11:30	
Naphthalene	ug/L	0.25U	0.50	0.25	05/29/18 11:30	
Toluene	ug/L	0.25U	0.50	0.25	05/29/18 11:30	
Xylene (Total)	ug/L	0.25U	0.50	0.25	05/29/18 11:30	
1,2-Dichloroethane-d4 (S)	%	102	70-130		05/29/18 11:30	
4-Bromofluorobenzene (S)	%	86	70-130		05/29/18 11:30	
Toluene-d8 (S)	%	97	70-130		05/29/18 11:30	

LABORATORY CONTROL SAMPLE & LCSD: 2441476 2441477

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	10	8.5	8.2	85	82	70-130	3	40	
Benzene	ug/L	10	8.3	8.1	83	81	70-130	2	40	
Ethylbenzene	ug/L	10	8.5	8.0	85	80	70-130	6	40	
Methyl-tert-butyl ether	ug/L	10	14.8	14.8	148	148	70-130	1	40	L1
Naphthalene	ug/L	10	7.9	8.1	79	81	70-130	3	40	
Toluene	ug/L	10	8.4	8.1	84	81	70-130	4	40	
Xylene (Total)	ug/L	30	23.9	22.8	80	76	70-130	5	40	
1,2-Dichloroethane-d4 (S)	%				106	106	70-130			
4-Bromofluorobenzene (S)	%				93	88	70-130			
Toluene-d8 (S)	%				95	95	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Eddies Pit Stop
Pace Project No.: 92386166

QC Batch: 451013 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 92386166002

METHOD BLANK: 2442848 Matrix: Water
Associated Lab Samples: 92386166002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	0.25U	0.50	0.25	05/30/18 10:44	
Benzene	ug/L	0.25U	0.50	0.25	05/30/18 10:44	
Ethylbenzene	ug/L	0.25U	0.50	0.25	05/30/18 10:44	
Methyl-tert-butyl ether	ug/L	0.25U	0.50	0.25	05/30/18 10:44	
Naphthalene	ug/L	0.25U	0.50	0.25	05/30/18 10:44	
Toluene	ug/L	0.25U	0.50	0.25	05/30/18 10:44	
Xylene (Total)	ug/L	0.25U	0.50	0.25	05/30/18 10:44	
1,2-Dichloroethane-d4 (S)	%	102	70-130		05/30/18 10:44	
4-Bromofluorobenzene (S)	%	95	70-130		05/30/18 10:44	
Toluene-d8 (S)	%	97	70-130		05/30/18 10:44	

LABORATORY CONTROL SAMPLE & LCSD: 2442849 2442850

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	10	9.6	8.9	96	89	70-130	7	40	
Benzene	ug/L	10	9.9	10	99	100	70-130	1	40	
Ethylbenzene	ug/L	10	9.7	9.4	97	94	70-130	3	40	
Methyl-tert-butyl ether	ug/L	10	8.8	9.0	88	90	70-130	3	40	
Naphthalene	ug/L	10	7.8	8.5	78	85	70-130	8	40	
Toluene	ug/L	10	9.5	9.2	95	92	70-130	3	40	
Xylene (Total)	ug/L	30	29.8	29.3	99	98	70-130	2	40	
1,2-Dichloroethane-d4 (S)	%				99	101	70-130			
4-Bromofluorobenzene (S)	%				100	99	70-130			
Toluene-d8 (S)	%				101	99	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Eddies Pit Stop
Pace Project No.: 92386166

QC Batch: 412919 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level SC
Associated Lab Samples: 92386166001, 92386166002, 92386166003

METHOD BLANK: 2290257 Matrix: Water
Associated Lab Samples: 92386166001, 92386166002, 92386166003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	50.0U	100	50.0	05/30/18 08:51	
Diisopropyl ether	ug/L	0.12U	1.0	0.12	05/30/18 08:51	
Ethanol	ug/L	131U	200	131	05/30/18 08:51	
Ethyl-tert-butyl ether	ug/L	0.070U	10.0	0.070	05/30/18 08:51	
tert-Amyl Alcohol	ug/L	50.0U	100	50.0	05/30/18 08:51	
tert-Amylmethyl ether	ug/L	0.10U	10.0	0.10	05/30/18 08:51	
tert-Butyl Alcohol	ug/L	3.6U	100	3.6	05/30/18 08:51	
tert-Butyl Formate	ug/L	1.9U	50.0	1.9	05/30/18 08:51	
1,2-Dichloroethane-d4 (S)	%	104	70-130		05/30/18 08:51	
4-Bromofluorobenzene (S)	%	105	70-130		05/30/18 08:51	
Toluene-d8 (S)	%	109	70-130		05/30/18 08:51	

LABORATORY CONTROL SAMPLE: 2290258

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	1000	818	82	70-130	
Diisopropyl ether	ug/L	50	52.6	105	70-130	
Ethanol	ug/L	2000	1880	94	70-130	
Ethyl-tert-butyl ether	ug/L	100	107	107	70-130	
tert-Amyl Alcohol	ug/L	1000	986	99	70-130	
tert-Amylmethyl ether	ug/L	100	103	103	70-130	
tert-Butyl Alcohol	ug/L	500	434	87	70-130	
tert-Butyl Formate	ug/L	400	479	120	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2290259 2290260

Parameter	Units	92386028004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
3,3-Dimethyl-1-Butanol	ug/L	ND	4000	4000	2790	3310	70	83	70-130	17	30	
Diisopropyl ether	ug/L	ND	200	200	164	203	82	101	70-130	21	30	
Ethanol	ug/L	ND	8000	8000	6470	8280	81	103	70-130	25	30	
Ethyl-tert-butyl ether	ug/L	ND	400	400	346	426	86	106	70-130	21	30	
tert-Amyl Alcohol	ug/L	ND	4000	4000	3190	3740	80	93	70-130	16	30	
tert-Amylmethyl ether	ug/L	ND	400	400	339	422	85	105	70-130	22	30	
tert-Butyl Alcohol	ug/L	ND	2000	2000	1440	1660	72	83	70-130	15	30	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Eddies Pit Stop
Pace Project No.: 92386166

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2290259 2290260

Parameter	Units	92386028004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
tert-Butyl Formate	ug/L	ND	1600	1600	1430	1760	90	110	70-130	20	30	
1,2-Dichloroethane-d4 (S)	%						99	111	70-130			
4-Bromofluorobenzene (S)	%						101	101	70-130			
Toluene-d8 (S)	%						99	100	70-130			

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Eddies Pit Stop
Pace Project No.: 92386166

QC Batch: 413478 Analysis Method: EPA 504.1
QC Batch Method: EPA 504.1 Analysis Description: GCS 504 EDB DBCP
Associated Lab Samples: 92386166001, 92386166002, 92386166003

METHOD BLANK: 2293061 Matrix: Water
Associated Lab Samples: 92386166001, 92386166002, 92386166003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.020U	0.020	0.020	06/02/18 11:12	
1-Chloro-2-bromopropane (S)	%	127	70-130		06/02/18 11:12	

LABORATORY CONTROL SAMPLE & LCSD: 2293062 2293063

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	.25	0.24	0.25	96	98	70-130	3	20	
1-Chloro-2-bromopropane (S)	%				106	103	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2293064 2293065

Parameter	Units	92385758006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	.25	.25	0.27	0.27	107	107	65-135	0	20	
1-Chloro-2-bromopropane (S)	%						117	117	70-130			

SAMPLE DUPLICATE: 2293066

Parameter	Units	92386155002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.15	0.12	22	20	D6
1-Chloro-2-bromopropane (S)	%	119	112	3		

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Eddies Pit Stop
Pace Project No.: 92386166

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte
PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Eddies Pit Stop
Pace Project No.: 92386166

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92386166001	**18871 PW-1**	EPA 504.1	413478	EPA 504.1	413484
92386166002	**18871 PW-1 DUP**	EPA 504.1	413478	EPA 504.1	413484
92386166003	**FIELD BLANK**	EPA 504.1	413478	EPA 504.1	413484
92386166001	**18871 PW-1**	EPA 524.2	450689		
92386166002	**18871 PW-1 DUP**	EPA 524.2	451013		
92386166003	**FIELD BLANK**	EPA 524.2	450689		
92386166004	**TRIP BLANK**	EPA 524.2	450689		
92386166001	**18871 PW-1**	EPA 8260	412919		
92386166002	**18871 PW-1 DUP**	EPA 8260	412919		
92386166003	**FIELD BLANK**	EPA 8260	412919		

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Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐

Sample Condition Upon Receipt

Client Name: Access Analytical **Project #**

WO# : 92386166
92386166

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: 05-25-18

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☐ IR Gun ID: 92T040 **Type of Ice:** ☐ Wet ☐ Blue ☐ None

Cooler Temp (°C): 2.1 **Correction Factor:** Add/Subtract (°C) +0.4

Cooler Temp Corrected (°C): 2.5

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☑ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☑ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☑ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes 05-25-18	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☐ Yes	☑ No	☐ N/A	9. Two samples are labeled PW1 – none is labeled PW1 Dup per COC
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☑ No	☐ N/A	10.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: (TR) Date: 5/29

Project Manager SRF Review: (TR) Date: 5/29

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project **WO#: 92386166**

PM: PTE Due Date: 06/04/18

CLIENT: 92-Access

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A) VG9H	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																6													
2																6													
3																6													
4																1													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Access Lab Report #: _____

Sub Lab (if applicable): Pace / Sub Report #: _____

Access Analytical, Inc.

Access Analytical, Inc. -- Irmo
15 Thames Valley Rd. ~ Irmo, SC 29063
Phone: 803-781-4243 / Fax: 803-781-4303 / Web: www.axs-inc.com
SCDHEC Lab Certification # 32571

Chain of Custody Record

Client:	Access Analytical, Inc.
Attn:	
Address:	15 Thames Valley Rd.
City:	Irmo
State:	SC
Zip Code:	29063
Phone:	803-781-4243
Fax:	803-781-4303
Email:	labreports@axs-inc.com
Project Name:	Eddies Pit Stop
Sampled By (Signature):	client

Preservatives (see codes): 1 | 1 | 1

Bottle Types (see codes): G | V | G

REQUESTED LAB ANALYSIS: BTEX/Naph/MTBE/DIPE 524.2 | oxygenates EDB - 524.1

Lab ID:	Sample Name:	Date Collected:	Time Collected:	G=Grab C=Comp	Matrix (see codes)	Program Area (see codes)	Total # Containers	# Containers per Test >>				Notes / Comments
	18871 / PW-1	5-22-18	1850	G	GW	SHW	6	2	2	2		001
	18871 / PW-1 DUP	"	1850	G	"	"	6	1	1	1		002
	Field Blank	"	1900	G	"	"	6	1	1	1		003
	Trip Blank	—	TB	TB	TB	—	1	1				004

Preservation Codes / Bottle Types:

***Preservative Codes:**
0 = None, **1** = HCL, **2** = HNO3, **3** = H_2SO_4, **4** = NaOH, **5** = $Na_2S_2O_3$, **6** = Method 5035 set w/ $NaHSO_4$ & CH_3OH, **7** = NaOH/ZnOAC, **8** = H_3PO_4, **9** = cooled to ≤6°C, **10** = cooled to ≤10°C, **11** = Amm.Cl, **12** = Ascorbic Acid / HCL, **13** = EDA

***Matrix Codes:**
GW = ground water, **WW** = waste water, **DW** = drinking water, **SW** = surface/storm water, **S** = soil, **SL** = sludge, **A** = air, **IW** = industrial waste, **O** = other (specify in comments section)

***Program Area Codes:**
CWA = Clean Water Act (for wastewaters), **SDWA** = Safe Drinking Water Act (for drinking water), **SHW** = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

***Container Type:** G = Glass, P = Plastic

723&6166

Auto Sampler Data (composite samples only):

Date/Time Set On: _____ by whom: _____

Date/Time Off: _____ by whom: _____

Meter Reading After: _____

Meter Reading Before: _____

Difference: _____

X _____(factor): _____

Turnaround Time Requested:		Project Location:		Relinquished By:	Received By:	Date:	Time (24hr):	Samples Received on Ice:
Standard	X	SC	X	[signature]	[signature]	5-24-18	1700	___Y ___N ___N/A
Rush *		NC			Jared Pace	5-25-18	11:17	✓ Y ___N ___N/A
*Date Required		Other (Specify):						___Y ___N ___N/A
								___Y ___N ___N/A

Rush data emailed/faxed by end of business day on date required. Standard TAT is 7-10 business days.

Chain of Custody Page 1 of 1

Received in lab by: _____

Sample Temp. Upon Receipt in Lab: 2.5 (°C)

White Copy: Lab original / Canary Copy: File Copy / Pink Copy: Client Copy

NOTE: Relinquishing samples via this Chain of Custody document constitutes client acceptance of Access Analytical terms and conditions.

APPENDIX G

Waste Disposal Manifest

INBOUND
08:17 AM Jul/27/2018
ID:11032
17920 lb

OUTBOUND
09:25 AM Jul/27/2018
ID:11032
17920 lb G
17240 lb PT
680 lb N

regulatory solutions, inc.

CUSTOMER NAME: Terracon 15 gal

GENERATOR: (*) (Eddie's Pit Stop) SCDOT

TRUCK/CONTAINER #: 10471 tank

MANIFEST#: 27458 ~~Manifest#:~~

(*) + 7 gal 27460
Ryder Truck
10858

WEIGHER (INITIALS): Amw

11032

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	803-926-0089	27458

GENERATOR

5. Generator's Name and Mailing Address

SCDOT- Eddie's Pit Stop
1908 US-601
Pageland, SC 29728

Generator's Phone: 803-741-9000

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Terracon — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address

Regulatory Solutions, Inc.
40 Pascon Court
Gaston, SC 29053-

U.S. EPA ID Number

Facility's Phone: 803-926-0089

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-RCRA, NOT DOT REGULATED MATERIAL 10471 - 1247	1	TT	75	g	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Brian P. Hyatt — Signature: Brian P. Hyatt — Month: 7 — Day: 27 — Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brian P. Hyatt — Signature: Brian P. Hyatt — Month: 7 — Day: 27 — Year: 18

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Amy McKenzie — Signature: Amy McKenzie — Month: 7 — Day: 27 — Year: 18

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			14596E

GENERATOR

5. Generator's Name and Mailing Address

TERRACON CONSULTANTS
521 CLEMSON ROAD
COLUMBIA, SC

Generator's Phone: 803 791 9000

Generator's Site Address (if different than mailing address)

EDDIE'S PIT STOP
PAGELAND, SC

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	nonhazardous petroleum contaminated water/product			40	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Brian P. Wyatt — Signature: Brian P. Wyatt — Month: 7 Day: 2 Year: 18

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Brian P. Wyatt — Signature: Brian P. Wyatt — Month: 7 Day: 2 Year: 18

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Casey Newman — Signature: Casey Newman — Month: 7 Day: 2 Year: 18

CERTIFICATE OF DISPOSAL

T K TANK SERVICES, INC.

Certifies to all that

40 GALLONS

Of Nonhazardous, Petroleum Contaminated Water / Product

Have been disposed of in accordance with EPA regulations on petroleum contaminated water.

This product was generated at

EDDIE'S PIT STOP

7/2/2018

DATE

SIGNATURE

APPENDIX K

SCDHEC QAPP Contractors Checklist

CONTRACTOR CHECKLIST

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
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	X		
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	X		
40	Has the site potentiometric map been provided? (Figure 5)	X		
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	X		
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information

dhec
Healthy People. Healthy Communities.

DEC 2 8 2018

UST 33 DOCKETING

MR TIM HUNTER
SC DOT
PO BOX 191
COLUMBIA SC 29202

Re: Site Specific Work Plan (SSWP) Directive for Groundwater Sampling
Eddies Pit Stop, RT 2 Hwy 601 N, Pageland, SC
UST Permit #18871
Release reported August 29, 2002
Aggressive Fluid Vapor Recovery Report received July 27, 2018
Chesterfield County

Dear Mr. Hunter:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the above referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels (RBSLs).

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations, implementation of groundwater sampling is necessary. The groundwater sampling must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP) and in compliance with all applicable regulations. A copy of the UST QAPP is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/.

Groundwater samples should be collected from all monitoring wells, water supply wells, and surface waters within 1,000 foot radius of the site and analyzed for Benzene, Toluene, Ethylbenzene, Xylene, Naphthalene, MtBE, the 8 Oxygenates, 1,2-DCA, and EDB. All wells should be purged prior to sample collection.

Your contractor must complete the SSWP and Cost Proposal and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment

Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins**.

On all correspondence regarding this site, please reference UST Permit #18871. Should you have any questions regarding this correspondence, please feel free to contact me by phone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at gladdet@dhec.sc.gov.

Sincerely,

Thomas Gladden Jr, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Cc: Terracon Consultants Inc, 521 Clemson Rd, Columbia SC 29229
Technical Files

LETTER OF TRANSMITTAL

Terracon
521 Clemson Rd.
Columbia, SC 29229
803-741-9000 / 803-741-9900 fax

UST PROGRAM JAN 08 2019

TO Mr. Thomas Gladden, Jr.

SCDHEC
Bureau of Land and Waste Management

UST Program
2600 Bull St.

Columbia, SC 29201

DATE 1/3/19	JOB NO 73098106
RE: Eddies Pit Stop Site-Specific Work Plan/ GWS	
UST Permit # 18871	

WE ARE SENDING YOU **X** Attached ☐ Under separate cover via _____ the following items:

UST 34 DOCKETING

COPIES	DATE	DESCRIPTION
1	1/3/19	Site Specific Work Plan/ GWS

THESE ARE TRANSMITTED as checked below:

X For approval
☐ For your use
☐ As requested
☐ For review and comment
☐ Approved as submitted
☐ Approved as noted
☐ Returned for corrections
☐ Resubmit ___ copies for approval
☐ Submit ___ copies for distribution
☐ Return ___ corrected prints

REMARKS:

Enclosed is the SSWP for the above referenced site. Please feel free to call me if you have any questions.

COPY TO: _____

SIGNED: **Mike Hudgins**

If enclosures are not as noted, kindly notify us at once

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Thomas Gladden, Jr. (SCDHEC Project Manager)
From: Mike Hudgins (Contractor Project Manager)
Contractor: Terracon Consultants UST Contractor Certification Number: 246

Facility Name: Eddie's Pit Stop UST Permit #: 18871
Facility Address: Route 2 & Highway 601, Pageland, SC
Responsible Party: South Carolina Department of Transportation Phone: 803-737-1395
RP Address: P.O. Box 191, Columbia, SC 29202-0191
Property Owner (if different): Eric Simpson
Property Owner Address: P.O. Box 1513, Lancaster, SC 29721
Current Use of Property: Vacant gas station.

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	4 Field Blank
34 Monitoring Wells	____ Surface Water	3 Duplicate	2 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

# of shallow points proposed: ____ Estimated Footage: ____ feet per point
# of deep points proposed: ____ Estimated Footage: ____ feet per point
Field Screening Methodology: ____

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

# of shallow wells: ____ Estimated Footage: ____ feet per point
# of deep wells: ____ Estimated Footage: ____ feet per point
# of recovery wells: ____ Estimated Footage: ____ feet per point
Comments, if warranted:

UST Permit #: 18871 Facility Name: Eddie's Pit Stop

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 7 Field Work Completion: 31
Report Submittal: 46 # of Copies Provided to Property Owners: 2

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

Investigation Derived Waste Disposal
Soil: _____ Tons Purge Water: 100 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

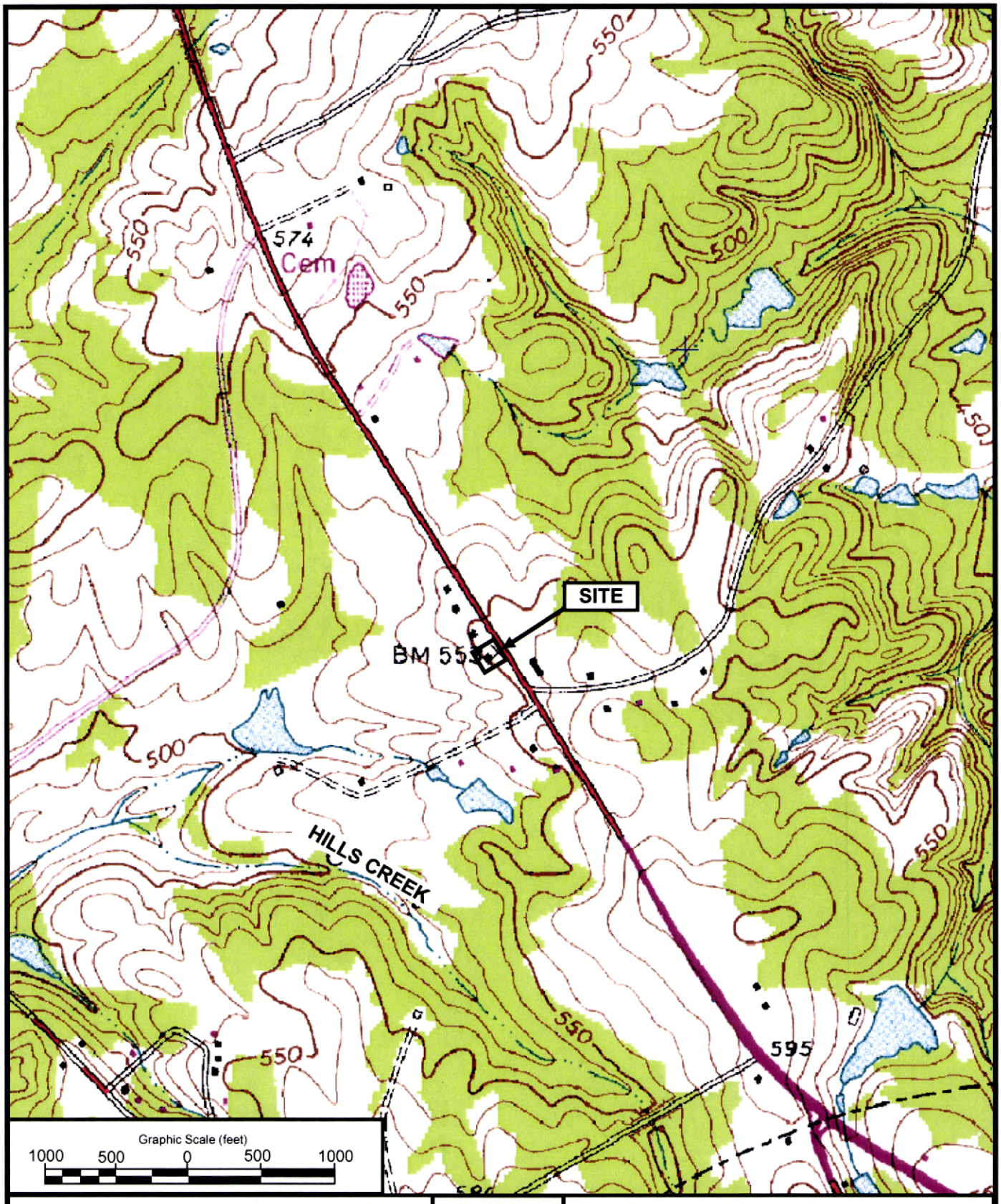
Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
All monitoring wells associated with the site will be sampled during this ground water sampling event. Monitoring wells with well screens bracketing the water table will be sampled as non-purge sample collection. Wells with screens that do not bracket the water table and water supply well PW-1 will be will be purged utilizing the low-flow parametric method listed in Terracon's SOP. Due to the location of monitoring wells: MW-2, MW-3, MW-3D, MW-7, MW-9, RW-1, and RW-2, one day of manned traffic control will be needed to safely access the median of Hwy. 601. Cost for traffic control as furnished for the last sampling event are included in the Miscellaneous line item 18 of the SCDHEC Cost Agreement. A copy of the invoice (April. 2018) is provided with this SSWP.

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

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

____ 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



USGS TOPOGRAPHIC QUADRANGLE MAP
PAGELAND, SOUTH CAROLINA

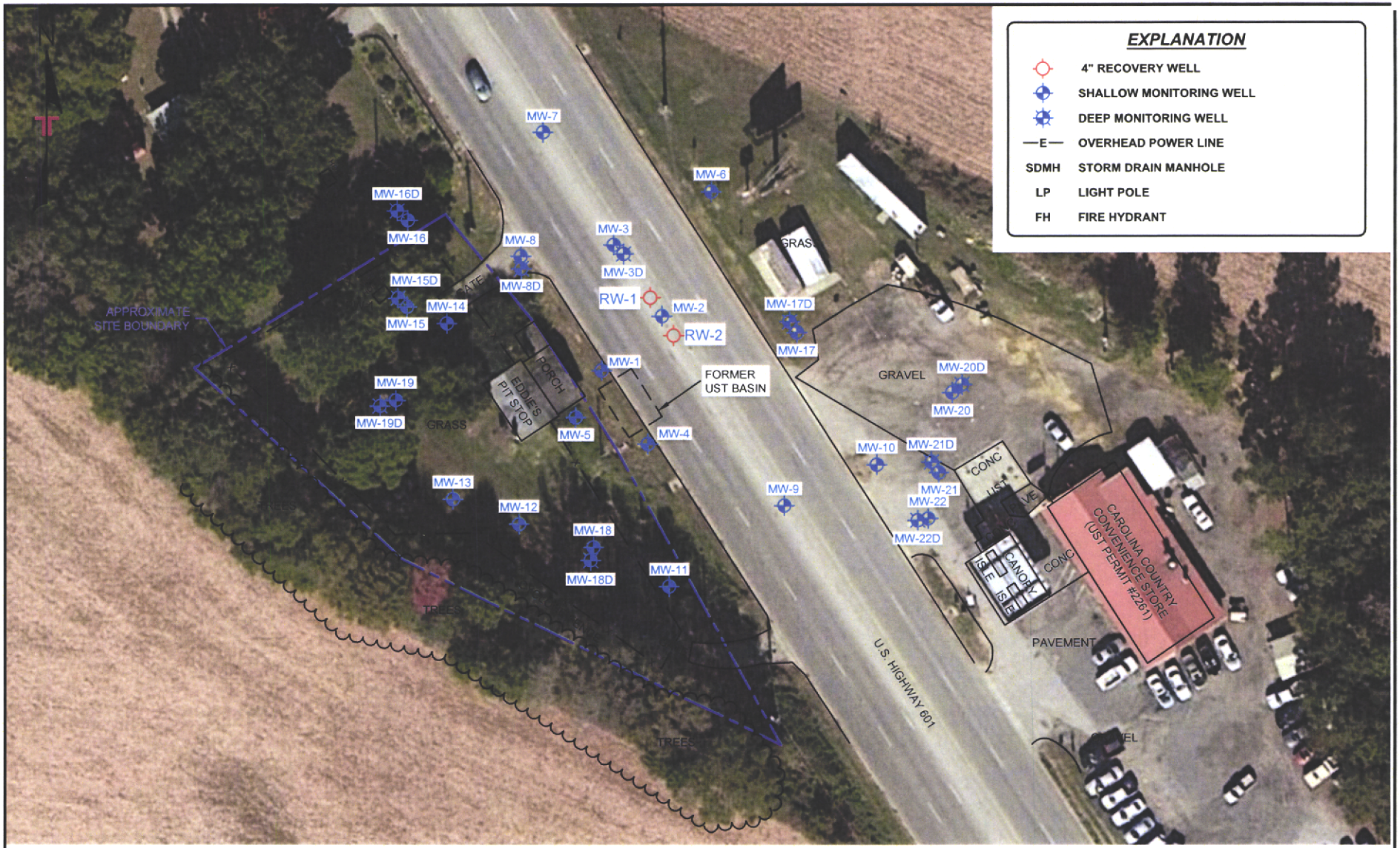
DATE: 1993
SCALE: 1 INCH = 1000 FEET
PROJECT NO. 73098106

N

Terracon

SITE LOCATION MAP
EDDIE'S PITT STOP
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA

FIGURE 1: TOPOGRAPHIC MAP



Project Mngr: RWN	Project No. 73098106	Terracon Consulting Engineers and Scientists	SITE MAP WITH 4" RECOVERY WELL LOCATIONS
Drawn By: PTK	Scale: AS SHOWN	521 CLEMSON ROAD COLUMBIA, SC 29229	EDDIE'S PIT STOP - SCDOT
Checked By: RWN	File No. 73098106	PH. (803) 741-9000 FAX. (803) 741-9900	ROUTE 2, US HIGHWAY 601 NORTH
Approved By: PMH	Date: JULY 2015		PAGELAND, SOUTH CAROLINA
			UST PERMIT #18871

Figure 2

dhec

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
August 16, 2016

Facility Name: Eddies Pit Stop

UST Permit #: 18871 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
1. **Plan Preparation**					
A1. Site-specific Work Plan	1	each	$150.00		$150.00
B1. Tax Map		each	$70.00		$0.00
C1. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
2. A1. **Receptor Survey ***		each	$551.00		$0.00
3. **Survey (500 ft x 500 ft)**					
A1. Comprehensive Survey		each	$1,040.00		$0.00
B. Subsurface Geophysical Survey					
1B. < 10 meters below grade		each	$1,300.00		$0.00
2B. > 10 meters below grade		each	$2,310.00		$0.00
C1. Geophysical UST or Drum Survey		each	$910.00		$0.00
4. **Mob/Demob**					
A1. Equipment		each	$1,020.00		$0.00
B1. Personnel **Sample, Disposal**	2	each	$423.00		$846.00
C1. Adverse Terrain Vehicle		each	$500.00		$0.00
5. A1. **Soil Borings (hand auger)***		foot	$5.00		$0.00
6. **Soil Borings (requiring equipment, push technology, etc)* or Field Screening (including water sample, soil sample, soil gas sample, etc.)***					
AA. Standard		per foot	$15.00		$0.00
C1. Fractured Rock		per foot	$20.20		$0.00
7. A1. **Soil Leachability Model**		each	$60.00		$0.00
8. **Abandonment (per foot)***					
A1. 2" diameter or less		per foot	$3.10		$0.00
B1. Greater than 2" to 6" diameter		per foot	$4.50		$0.00
C1. Dug/Bored well (up to 6 feet diameter)		per foot	$15.00		$0.00
9. **Well Installation (per foot)***					
A1. Water Table (hand augered)		per foot	$10.60		$0.00
B1. Water Table (drill rig)		per foot	$38.00		$0.00
CC. Telescoping		per foot	$50.00		$0.00
DD. Rock Drilling		per foot	$58.00		$0.00
E1. 2" Rock Coring		per foot	$30.90		$0.00
G1. Rock Multi-sampling ports/screens		per foot	$33.40		$0.00
HH. Recovery Well (4" diameter)		per foot	$45.00		$0.00
II. Pushed Pre-packed screen (1.25" dia)		per foot	$15.00		$0.00
J1. Rotosonic (2" diameter)		per foot	$44.00		$0.00
K. Re-develop Existing Well		per foot	$11.00		$0.00
10. **Groundwater Sample Collection / Gauge Depth to Water or Product ***					
A1. Groundwater Purge		per well/receptor	$60.00		$0.00
B1. Air or Vapors		per receptor	$12.00		$0.00
C1. Water Supply	1	per well/receptor	$22.00		$22.00
D1. Groundwater (No Purge or Duplicate)	27	per well/receptor	$28.00		$756.00
E1. Gauge Well only		per well	$7.00		$0.00
F1. Sample Below Product		per well	$12.00		$0.00
G1. Passive Diffusion Bag		each	$26.00		$0.00
H1. Field Blank	5	each	$24.60		$123.00
I. Groundwater (low flow purge)	9	per well/receptor	$91.00		$819.00

Facility Name: Eddies Pit Stop

UST Permit #: 18871 **Cost Agreement #:**

11. Laboratory Analyses-Groundwater					
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	44	per sample	$122.00		$5,368.00
AA1. Lead, Filtered		per sample	$13.80		$0.00
B2. Rush EPA Method 8260B (All of item A.)		per sample	$153.60		$0.00
C2. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$36.40		$0.00
D1. PAH's		per sample	$60.60		$0.00
E1. Lead		per sample	$16.00		$0.00
F1. EDB by EPA 8011	42	per sample	$45.20		$1,898.40
FF1. EDB by EPA Method 8011 Rush		per sample	$68.20		$0.00
G1. 8 RCRA Metals		per sample	$63.40		$0.00
H1. TPH (9070)		per sample	$41.00		$0.00
II. pH		per sample	$5.20		$0.00
J1. BOD		per sample	$20.00		$0.00
PP. Ethanol		per sample	$14.80		$0.00
11. Analyses-Drinking Water					
L. BTEXNM+1,2 DCA (524.2); Well, Dup, Field, Trip	4	per sample	$124.05		$496.20
M. 7-OXYGENATES & ETHANOL (8260B)	4	per sample	$91.75		$367.00
N. EDB (504.1) Well, Dup, Field	3	per sample	$79.50		$238.50
O. RCRA METALS (200.8)		per sample	$100.00		$0.00
11. **Analyses-Soil**					
Q1. BTEX + Naphth.		per sample	$64.00		$0.00
R1. PAH's		per sample	$64.04		$0.00
S1. 8 RCRA Metals		per sample	$56.40		$0.00
U1. TPH-DRO (3550C/8015C)		per sample	$40.00		$0.00
V1. TPH- GRO (5030B/8015C)		per sample	$35.96		$0.00
W1. Grain size/hydrometer		per sample	$104.00		$0.00
X1. Total Organic Carbon		per sample	$30.60		$0.00
11. **Analyses-Air**					
Y1. BTEX + Naphthalene		per sample	$216.00		$0.00
11. **Analyses-Free Phase Product**					
Z1. Hydrocarbon Fuel Identification		per sample	$357.00		$0.00
12. **Aquifer Characterization**					
A1. Pumping Test*		per hour	$23.00		$0.00
B1. Slug Test*		per test	$191.00		$0.00
C1. Fractured Rock		per test	$100.00		$0.00
13. A1. **Free Product Recovery Rate Test***		each	$38.00		$0.00
14. **Fate/Transport Modeling**					
A1. Mathematical Model		each	$100.00		$0.00
B1. Computer Model		each	$100.00		$0.00
15. **Risk Evaluation**					
A. Tier I Risk Evaluation		each	$300.00		$0.00
B1. Tier II Risk Evaluation		each	$100.00		$0.00
16. A1. **Subsequent Survey***		each	$260.00		$0.00
17. **Disposal (gallons or tons)***					
AA. Wastewater	100	gallon	$0.56		$56.00
BB. Free Product		gallon	$0.50		$0.00
C1. Soil Treatment/Disposal		ton	$60.00		$0.00
D1. Drilling fluids		gallon	$0.42		$0.00

Facility Name: Eddies Pit Stop

UST Permit #: 18871 **Cost Agreement #:**

18. **Miscellaneous (attach receipts)**					
Traffic Control - 1 day	1	each	$3,300.00		$3,300.00
8 Hour AFVR events: 2 days		each	$0.00		$0.00
Ground Water Sampling: 1 day		each	$0.00		$0.00
20. **Tier I Assessment (Use DHEC 3665 form)**		standard			$0.00
21. **IGWA (Use DHEC 3666 form)**		standard			$0.00
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
23. **Aggressive Fluid & Vapor Recovery (AFVR)**					
A1. 8-hour Event*		each	$1,375.00		$0.00
AA. 24-hour Event*		each	$3,825.00		$0.00
A3. 48-hour Event*		each	$6,265.00		$0.00
A4. 96-hour Event*		each	$12,567.50		$0.00
C1. Off-gas Treatment 8 hour		per event	$122.50		$0.00
C2. Off-gas Treatment 24 hour		per event	$241.50		$0.00
C3. Off-gas Treatment 48 hour		per event	$327.00		$0.00
C4. Off-gas Treatment 96 hour		per event	$780.00		$0.00
D. Site Reconnaissance		each	$203.25		$0.00
E1. Additional Hook-ups		each	$25.75		$0.00
F1. Effluent Disposal		gallon	$0.44		$0.00
G. AFVR Mobilization/Demobilization		each	$391.50		$0.00
24. **Granulated Activated Carbon (GAC) filter system installation & service:**					
A1. New GAC System Installation*		each	$1,900.00		$0.00
BB. Refurbished GAC Sys. Install*		each	$900.00		$0.00
C1. Filter replacement/removal*		each	$350.00		$0.00
DD. GAC System removal, cleaning, & refurbishment*		each	$275.00		$0.00
E1. GAC System housing*		each	$250.00		$0.00
F. In-line particulate filter		each	$150.00		$0.00
G1. Additional piping & fittings		foot	$1.50		$0.00
25. **Well Repair**					
A1. Additional Copies of the Report Delivered		each	$50.00		$0.00
B1. Repair 2x2 MW pad*		each	$50.00		$0.00
C1. Repair 4x4 MW pad*		each	$88.00		$0.00
D1. Repair well vault*		each	$118.00		$0.00
F1. Replace well cover bolts		each	$2.60		$0.00
G. Replace locking well cap & lock		each	$15.00		$0.00
H1. Replace/Repair stick-up*		each	$134.00		$0.00
I1. Convert Flush-mount to Stick-up*		each	$150.00		$0.00
J1. Convert Stick-up to Flush-mount*		each	$130.00		$0.00
K1. Replace missing/illegible well ID plate		each	$12.00		$0.00
Report Prep & Project Coordination	12%	percent	$14,440.10		$1,732.81
TOTAL					$16,172.91

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

Southern Commercial Development, LLC
PO Box 2106
Lexington, SC 29071 US
(803) 808-3600
dsdubose@yahoo.com

Invoice

BILL TO
Terracon
521 Clemson Rd
Columbia, SC 29229

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
18-5015	04/18/2018	$3,300.00	05/18/2018	Net 30	

P.O. NUMBER
PO # Hwy 601 Lancaster

DATE	ACTIVITY	QTY	RATE	AMOUNT
04/13/2018	**Mobilization** Mobilization	1	500.00	500.00
04/13/2018	**Traffic Control - Roadway:Lane Closures - Roadway** (2) Multi-lane primary route left lane closures	1	2,800.00	2,800.00
		BALANCE DUE		**$3,300.00**

dhec
Healthy People. Healthy Communities.

TIM HUNTER
SCDOT
PO BOX 191
COLUMBIA SC 29202

SEP 0 4 2019

Re: Site-Specific Work Plan (SSWP) Approval and Groundwater Sampling Directive
Eddies Pit Stop, RT 2 Hwy 601 N, Pageland, SC
UST Permit #18871; CA #60193
Release Reported August 29, 2002
SSWP and cost proposal received January 8, 2018
ChesterfieldCounty

Dear Mr. Hunter:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced SSWP submitted by your contractor. All work should be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and in compliance with all applicable regulations. A copy of the current revision of the UST QAPP is available at http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/

The groundwater sampling event should begin immediately upon receipt of this letter. The Cost agreement number shown above has been approved for the amount shown on the enclosed cost agreement form. Please note the following changes to the Cost Agreement and SSWP:

- As discussed with contractor, sampling will proceed with all wells that are not located in the street. Line Items 10 D1, H3 and I reflect these changes.

The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

The Monitoring report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the Division within sixty (60) days of the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the UST QAPP.

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

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

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by an DHEC-certified site rehabilitation contractor as required by R.61-98.

The Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit #18871. Should you have any questions regarding this correspondence, please feel free to contact me by phone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at gladdet@dhec.sc.gov.

Sincerely,

Thomas Gladden Jr, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement (ACA)

cc: Terracon Consultants Inc, 521 Clemson Rd, Columbia SC 29229 (w/enc.)
Technical file (with enc.)

Approved Cost Agreement 60193

Facility: 18871 EDDIES PIT STOP
GLADDET
PO Number:

Task / Description	Categories	Item Description	Qty / Pct	Unit Price	Amount
01 PLAN					
		A1 SITE SPECIFIC WORK PLAN	1.0000	$150.000	150.00
04 MOB/DEMOB					
		B1 PERSONNEL	2.0000	$423.000	846.00
10 SAMPLE COLLECTION					
		C1 WATER SUPPLY	1.0000	$22.000	22.00
		D1 GROUNDWATER NO PURGE/DUPLICATE	2.0000	$28.000	56.00
		H1 FIELD BLANK	3.0000	$24.600	73.80
		I GROUNDWATER (LOW FLOW PURGE)	27.0000	$91.000	2,457.00
11 ANALYSES					
	GW GROUNDWATER	A2 BTEXNM+OXYGS+1,2-DCA+ETH-8260B	33.0000	$122.000	4,026.00
		F1 EDB BY 8011	31.0000	$45.200	1,401.20
	WATER DRINKING WATER	L BTEXNM+1,2 DCA (524.2)	4.0000	$124.050	496.20
		M 7-OXYGENATES & ETHANOL (8260B)	4.0000	$91.750	367.00
		N EDB (504.1)	3.0000	$79.500	238.50
19 RPT/PROJECT MNGT & COORDINATIO					
		PRT REPORT PREPARATION	0.1200	$10,133.700	1,216.04
			Total Amount		11,349.74

Document Receipt Information

☐ Hard Copy ☒ CD ☐ Email

Date Received 11. 18. 2019

Permit Number 18871

Project Manager TJ Gladden - vacant

Name of Contractor Terracon

UST Certification Number GWS Report

Docket Number 36 tech

Scanned _____

LETTER OF TRANSMITTAL

Terracon

521 Clemson Rd.
Columbia, SC 29229
803-741-9000 / 803-741-9900 fax

TO Thomas Gladden Jr.

SCDHEC
Bureau of Land and Waste Management

UST Program
2600 Bull St.

Columbia, SC 29201

DATE 11/8/19	JOB NO. 73098106
RE: Eddie's Pit Stop GWS Report	
UST Permit # 18871	

WE ARE SENDING YOU **X** Attached ☐ Under separate cover via _____ the following items:

COPIES	DATE	DESCRIPTION
1	11/8/19	Report of Ground Water Sampling (CD + Hard Copy)

THESE ARE TRANSMITTED as checked below:

☐ For approval
☐ For your use
☐ As requested
☐ For review and comment
☐ Approved as submitted
☐ Approved as noted
☐ Returned for corrections
☐ Resubmit ___ copies for approval
☐ Submit ___ copies for distribution
☐ Return ___ corrected prints

REMARKS:

Enclosed is the report for the above referenced site. Please feel free to call me if you have any questions.

COPY TO: Tim Hunter / SCDOT (e-mail)

SIGNED: **Mike Hudgins**

If enclosures are not as noted, kindly notify us at once.

Ground Water Assessment Report

Eddies Pitt Stop
Route 2, US Highway 601 North
Pageland, South Carolina

UST PERMIT # 18871

October 7, 2019
Terracon Project No. 73098106

Prepared for:
South Carolina Department of Transportation
P.O. Box 191
Columbia, South Carolina 29202

Prepared by:
Terracon Consultants, Inc.
Columbia, South Carolina

Offices Nationwide
Employee-Owned
Established in 1965
terracon.com
Terracon
Geotechnical ■ Environmental ■ Construction Materials ■ Facilities

October 7, 2019

Mr. Thomas Gladden, Jr.
South Carolina Department of Health
and Environmental Control
Bureau of Land and Waste Management
UST Program
2600 Bull Street
Columbia, South Carolina 29201

Re: ***Report of Ground Water Assessment***
Eddies Pitt Stop
Route 2, US Highway 601 North, Pageland, South Carolina
UST Permit # 18871; CA # 60193
Terracon Project No. 73098106

Dear Mr. Gladden:

On behalf of the South Carolina Department of Transportation, **Terracon Consultants, Inc.** is pleased to submit this Ground Water Assessment Report for the Eddies Pitt Stop in Pageland, South Carolina. This report summarizes the results of the assessment activities and our conclusions and recommendations.

If you have any questions regarding the contents of this report, or if you need additional information, please contact us at (803) 741-9000.

Sincerely,

Terracon Consultants, Inc.
UST Contractor Certification No. 246

William Walker Hinson
Assistant Scientist

P. Michael Hudgins, P.G.
Senior Hydrogeologist
S.C. Registration No. 1137

Attachment

cc: Tim Hunter/SCDOT

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SECTION **PAGE NO.**

Cover Letter

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B Ground Water Sampling Logs and Laboratory Analytical Report
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K SCDHEC QAPP Contractors Checklist

Note: *Figure 3, Table 1, and select Appendices were omitted intentionally to adhere to the reporting format as required by the QAPP.*

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) has completed a comprehensive ground water sampling at the Eddies Pitt Stop site located in Pageland, South Carolina. The purpose of this assessment was to determine the current ground water quality conditions from a reported underground storage tank (UST) release at the site. The work was performed in accordance with the South Carolina Department of Health and Environmental Control (SCDHEC) Cost Agreement #60193 dated February 5, 2018, Terracon's Annual Contractor Quality Assurance Plan (ACQAP), and Site Specific Work Plan (SSWP) received by SCDHEC from Terracon on January 8, 2018. This report includes a description of the activities performed during this assessment, along with our current findings, conclusions and recommendations.

1.1 Site Description and History

The site is bound to the east by US Highway 601 and the Carolina Country Convenience Store (UST Permit # 02261) to the south by agricultural land; to the west by the remainder of the former Eddie's Pit Stop property; and to the north by residential land. A topographic map showing the site location is presented as Figure 1.

The site is composed of a vacant gas station. The property is owned by South Carolina Department of Transportation (SCDOT).

Carolina Country Convenience Store (UST Permit # 02261) currently operates an UST system located approximately 150 feet east from the former Eddie's UST basin across Highway 601. According to the SCDHEC database, the site has a reported release dated September 30, 2008 and a confirmed clean up date of November 6, 2008.

A water well survey was conducted as part of a previous assessment. Two irrigation or water supply wells (PW-1 and PW-2) were observed within a ½ mile radius of the site. PW-1 is an unused well on the subject site. PW-2 is used as an irrigation supply well located offsite on the adjacent residential property (Casper residence). The site and surrounding area is serviced drinking water from a municipal water supply system.

The site has been defined as the area of the former USTs, which is now located within the SCDOT right-of-way of Highway 601. The right-of-way and US Highway 601 were expanded in 2001 as part of road improvements in Chesterfield County. Eddies Pitt Stop convenience store/gas station previously operated one 750 gallon and one 2,000 gallon gasoline UST. These USTs were abandoned by removal in August 2002, and a release was reported with the UST closure in August 2002. Directives to conduct a Tier I and Tier II Assessments were issued by the SCDHEC in 2009 and 2012, respectively, which included installation of 22 shallow wells and 10 deep monitoring wells. A summary of the well construction and water level data is presented on Table

1. A site map with well locations and utilities is shown as Figure 2. The results of the previous assessments are listed below.

- Ground water was encountered at depths generally ranging from 17 to 20 feet and was observed to flow radially toward the south at a calculated rate of 13 ft/yr;
- Petroleum hydrocarbon compounds were detected above RBSLs in ground water samples collected from 14 shallow wells located in the vicinity of the USTs;
- Benzene and/or naphthalene were detected at concentrations above RBSLs in seven deep wells;
- 1,2-dichloroethane (1,2-DCA) was detected in two samples collected from an unused water supply well (PW-1) at concentrations above the laboratory reporting limits;
- The horizontal extent of the contaminants in the upper portion of the shallow aquifer downgradient from the former UST system was relatively defined by the monitoring well network;
- Elevated hydrocarbon levels were detected above RBSLs in four background monitoring wells. These detections may be associated with a potential separate release from the upgradient Carolina Convenience UST location (Permit #02261).

In February 2016, one 8-hour AFVR event (Event #1) was performed on monitoring and recovery wells MW-2, RW-1, and RW-2 to remove high dissolved concentrations from the shallow ground water. Approximately 477 gallons (1.24 pounds) of volatile organic compounds (VOCs) were extracted from the vadose zone, capillary fringe, and surficial aquifer as a result of this AFVR event.

In October 2016, two 96-hour AFVR events (Events #2 and #3) were performed on monitoring wells MW-5 and MW-12 to remove high dissolved concentrations from the shallow ground water. A combined total of approximately 1,051 gallons (270.2 pounds) of volatile organic compounds (VOCs) were extracted from the vadose zone, capillary fringe, and surficial aquifer as a result of these AFVR events. Free product has not previously been observed in any monitoring well since June 2009.

Additional ground water assessment was conducted in 2015 based on the observed results. The results of the assessment is listed below:

- Approximately 0.02 ft. of free product was measured in monitoring well MW-2;
- Petroleum hydrocarbon compounds were detected above RBSLs in ground water samples collected from 7 of the 20 wells sampled. The highest petroleum hydrocarbon concentrations were detected in monitoring wells MW-1, MW-5 and MW-12, located in the area of Eddie's Pit Stop;
- Elevated hydrocarbon levels were detected above RBSLs in MW-10, MW-20, MW-21 and MW-22. The elevated levels in these monitoring wells were suspected to be associated with a separate release from the upgradient UST system release (Permit #02261);

- The extent of impact in the lower portion of the shallow aquifer is not defined. Benzene and/or naphthalene was detected at concentrations above RBSLs in four of the ten deep wells (MW-3D, MW-15D, MW-16D and MW-18D) located north, northeast and southwest of the former USTs;

In February 2018, the SCDHEC issued a directive for two 8-hour Aggressive Fluid and Vapor Recovery (AFVR) events on monitoring well MW-2 and comprehensive ground water sampling (GWS) for monitoring wells associated with the site. The results of the assessment are listed below:

- Concentrations detected in offsite and downgradient of the source area were below detection limits, indicating the ground water plume is defined downgradient from the USTs. A COC concentration map of the upper portion of the shallow aquifer is included as Figure 4.

- The extent of impact in the lower portion of the shallow aquifer is not defined at the upgradient release (Permit #02261). Benzene and/or naphthalene was detected at concentrations above RBSLs in deep wells MW-21D and 22D on the adjacent property.

- No compounds were detected in deep wells MW-18D and MW-19D. A benzene/naphthalene concentration map of the lower portion of the shallow aquifer is included as Figure 4D.

- DIPE was detected in the sample collected from an unused water supply well (PW-1) at concentrations above the laboratory reporting limits. These detections may represent the leading edge of the dissolved plume extending toward this well in the deep portion of the shallow aquifer. Irrigation well PW-2 should be reactivated or otherwise made available for sample collection.

In September 2019, the SCDHEC issued a directive a comprehensive ground water sampling (GWS) for monitoring wells associated with the site. This report includes a summary of the sampling event along with our conclusions and recommendations.

1.2 Site Geology and Hydrogeology

The site is located within the Carolina Slate Belt terrain of the Lower Piedmont physiographic province. The Carolina Slate Belt province consists of weathered low grade metamorphic rocks consisting of mixed gneiss; intermediate and felsic volcanic rocks; tuffaceous epiclastic rocks; and mafic and felsic volcanic rocks.

Surficial soils at the site included sands, silty/clayey sands, sandy silt, and saprolite. A thick sequence of low permeability clayey and silty sand was encountered beneath the site to depths ranging from approximately 15 to 30 feet across the site. Below this unit, partially weathered rock as hard clayey silt (saprolite) was encountered at depths ranging from 60 to 65 feet across the site, where air rotary was required for drilling, to the investigated depth of 98 feet.

Ground water occurs within the shallow aquifer under unconfined conditions. The depth to ground water in the study area ranged from approximately 9.5 to 21.2 feet during this assessment.

2.0 GROUND WATER SAMPLING

2.1 Setup and Methods

Water levels were recorded on September 17-18, 2019. A summary of the water level data is presented on Table 2. Potentiometric surface maps of the upper and lower portions of the shallow aquifer are included as Figures 5 and 5A, respectively.

Ground water samples were collected on September 17-19, 2019 from 24 monitoring wells and one water supply well (PW-1), as detailed in the SSWP. 24 monitoring wells were purged and sampled using the low-flow sampling method, as detailed in Terracon's QAPP. Three field blanks, two duplicates and a trip blank were included with the groundwater samples. Additionally, a field blank, trip bank, and duplicate were submitted with the samples from water supply well PW-1. Purge water was collected in and disposed by TK Tank Services, Sumter, South Carolina. The disposal manifest is included in Appendix G.

Dissolved oxygen, specific conductance, pH, turbidity and temperature measurements were measured with calibrated field meters during purging and recorded on Ground Water Sampling Logs, included in Appendix B. A copy of the equipment calibration sheet is included with Appendix B.

The ground water samples were placed in iced coolers and delivered along with chain of custody documentation to SGS North America laboratory in Orlando, Florida for analysis. The water supply well samples for PW-1 were picked up by Access Analytical in an iced cooler for analysis. The samples were analyzed for the following analytes:

Analysis	Method
Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) Methyl-tert-butyl-ether (MTBE) Naphthalene 1,2-dichloroethane (1,2-DCA) 8 Oxygenates	SW-846 8260B
1,2-dibromoethane (EDB)	SW-846 8011

Ground water analytical results are included in Table 3 (Petroleum Compounds) and Table 3A (Petroleum-Related Compounds). A copy of the analytical report is included in Appendix B.

This assessment also included collection and analysis of nine quality assurance (QA) samples as three duplicate samples, three field blanks and two trip blanks in accordance with the approved SSWP. No discrepancies were noted with these QA sample analyses. Ground Water Analytical Data (Petroleum Compounds and Petroleum Additives) is summarized in Table 3. A copy of the laboratory analytical report is included in Appendix B.

2.2 Significant Deviations

Monitoring well MW-21 was paved over and was unable to be accessed. Monitoring well MW-5 was located under thick vegetation and was unable to be sampled. Monitoring well MW-13 was located under a car sitting on concrete blocks which was unable to be moved. No other significant deviations from the data collection activities were recorded.

2.3 Assessment Results

A summary of the ground water sampling results is provided below:

- Ground water occurs within the shallow aquifer under unconfined conditions. The depth to ground water in the study area ranges from approximately 19 feet below ground surface (bgs) to 28 feet bgs. A potentiometric surface map of the shallow aquifer, based on water level measurements obtained from site monitoring wells, is included as Figure 5. Inspection of this figure indicates ground water flow at the site is in a radial pattern generally toward the west;

- Concentrations detected downgradient of the source area contained two sampled that were above detection limits, indicating the ground water plume is undefined downgradient from the USTs. Monitoring wells MW-14 and MW-19 both contained concentrations of a compound over RSBL's. A COC concentration map of the upper portion of the shallow aquifer is included as Figure 4. It is important that necessary action is taken to locate or replace monitoring well MW-13, to further define the plume.

- The extent of impact in the lower portion of the shallow aquifer is not defined at the upgradient release (Permit #02261). Benzene and/or naphthalene was detected at concentrations above RBSLs in monitoring wells MW-20, MW-22 as well as deep wells MW-21D and 22D on the adjacent property.

- No compounds were detected in deep wells MW-8D, MW-15D, MW-16D, MW-17D, MW-19D, or MW-20D. 1, 2 DCA was detected in the sampled collected from deep well MW-18D, but the detection was below RBSL's. Deep wells MW-21D and MW-22D both contain compounds with concentrations above RBSL's. A benzene/naphthalene concentration map of the lower portion of the shallow aquifer is included as Figure 4D.

- DIPE was detected in the sample collected from an unused water supply well (PW-1) at concentrations above the laboratory reporting limits. These detections may represent the leading edge of the dissolved plume extending toward this well in the deep portion of the shallow aquifer. Irrigation well PW-2 should be reactivated or otherwise made available for sample collection.

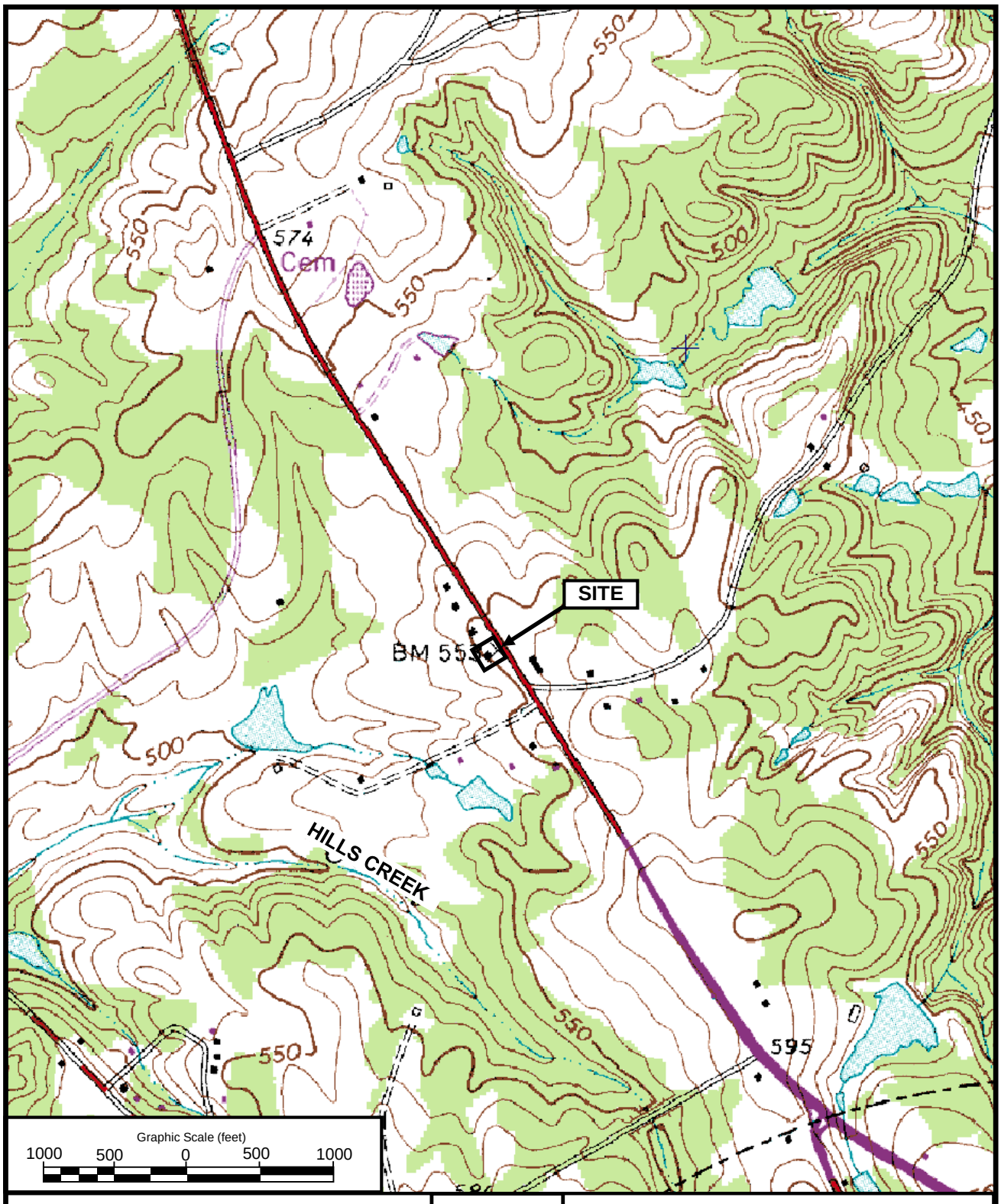
- Additional mobilization is needed to locate monitoring well MW-5, which was buried/covered with vegetation.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Terracon recommends Aggressive Fluid Vapor Recovery (AFVR) at this site. AFVR will reduce high dissolved concentrations observed in monitoring wells MW-1, MW-4, MW-8, and MW-12, to limit further contaminant migration from the source area. Once the free product and high dissolved concentrations have been reduced, intrinsic corrective action may be an effective remedial method at this site.

Terracon recommends a 96-hour AFVR event to further reduce contaminant concentrations in the source area. Once the high concentrations of dissolved contaminants are reduced, this site may a candidate for monitored natural attenuation.

FIGURES



USGS TOPOGRAPHIC QUADRANGLE MAP
PAGELAND, SOUTH CAROLINA

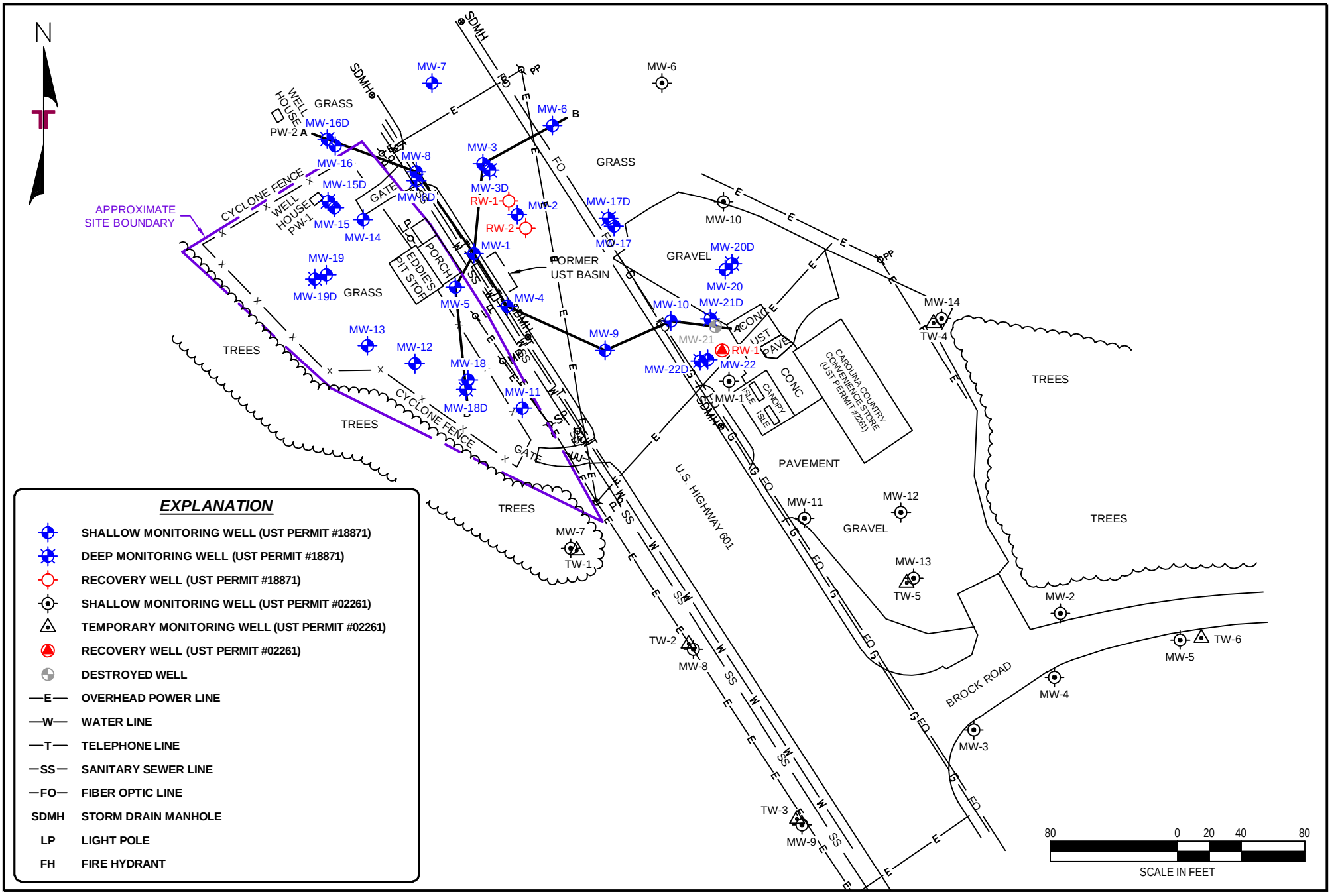
DATE: 1993
SCALE: 1 INCH = 1000 FEET
PROJECT NO. 73098106

N

Terracon

SITE LOCATION MAP
EDDIE'S PITT STOP
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA

FIGURE 1: TOPOGRAPHIC MAP



EXPLANATION

- SHALLOW MONITORING WELL (UST PERMIT #18871)
- DEEP MONITORING WELL (UST PERMIT #18871)
- RECOVERY WELL (UST PERMIT #18871)
- SHALLOW MONITORING WELL (UST PERMIT #02261)
- TEMPORARY MONITORING WELL (UST PERMIT #02261)
- RECOVERY WELL (UST PERMIT #02261)
- DESTROYED WELL
- —E— OVERHEAD POWER LINE
- —W— WATER LINE
- —T— TELEPHONE LINE
- —SS— SANITARY SEWER LINE
- —FO— FIBER OPTIC LINE
- SDMH STORM DRAIN MANHOLE
- LP LIGHT POLE
- FH FIRE HYDRANT

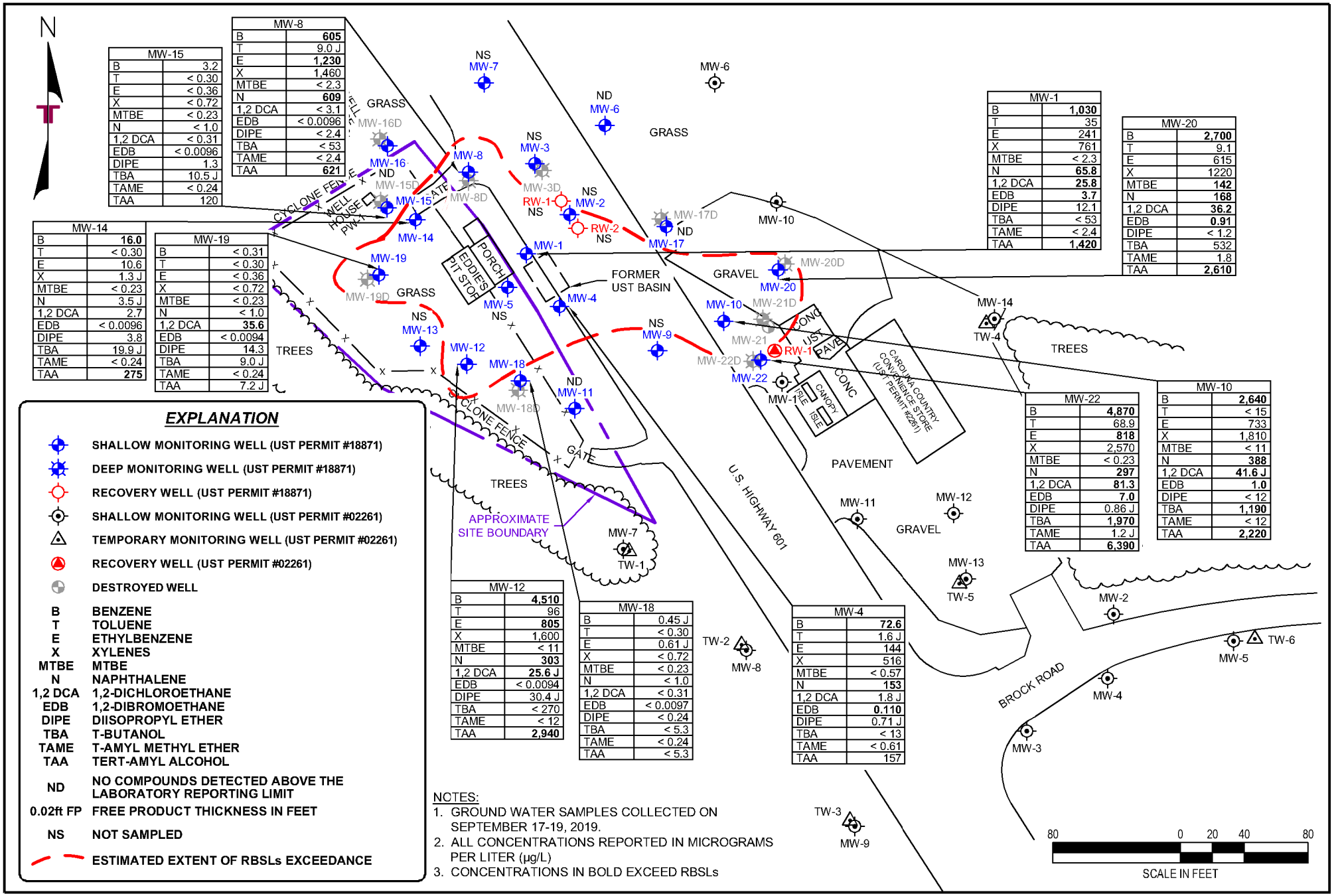
Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	JUNE 2018

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

SITE MAP WITH UTILITIES

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 2



EXPLANATION

- SHALLOW MONITORING WELL (UST PERMIT #18871)
- DEEP MONITORING WELL (UST PERMIT #18871)
- RECOVERY WELL (UST PERMIT #18871)
- SHALLOW MONITORING WELL (UST PERMIT #02261)
- TEMPORARY MONITORING WELL (UST PERMIT #02261)
- RECOVERY WELL (UST PERMIT #02261)
- DESTROYED WELL

B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
MTBE	MTBE
N	NAPHTHALENE
1,2 DCA	1,2-DICHLOROETHANE
EDB	1,2-DIBROMOETHANE
DIPE	DIISOPROPYL ETHER
TBA	T-BUTANOL
TAME	T-AMYL METHYL ETHER
TAA	TERT-AMYL ALCOHOL
ND	NO COMPOUNDS DETECTED ABOVE THE LABORATORY REPORTING LIMIT
0.02ft FP	FREE PRODUCT THICKNESS IN FEET
NS	NOT SAMPLED

ESTIMATED EXTENT OF RBSLs EXCEEDANCE

NOTES:
1. GROUND WATER SAMPLES COLLECTED ON SEPTEMBER 17-19, 2019.
2. ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L)
3. CONCENTRATIONS IN BOLD EXCEED RBSLs

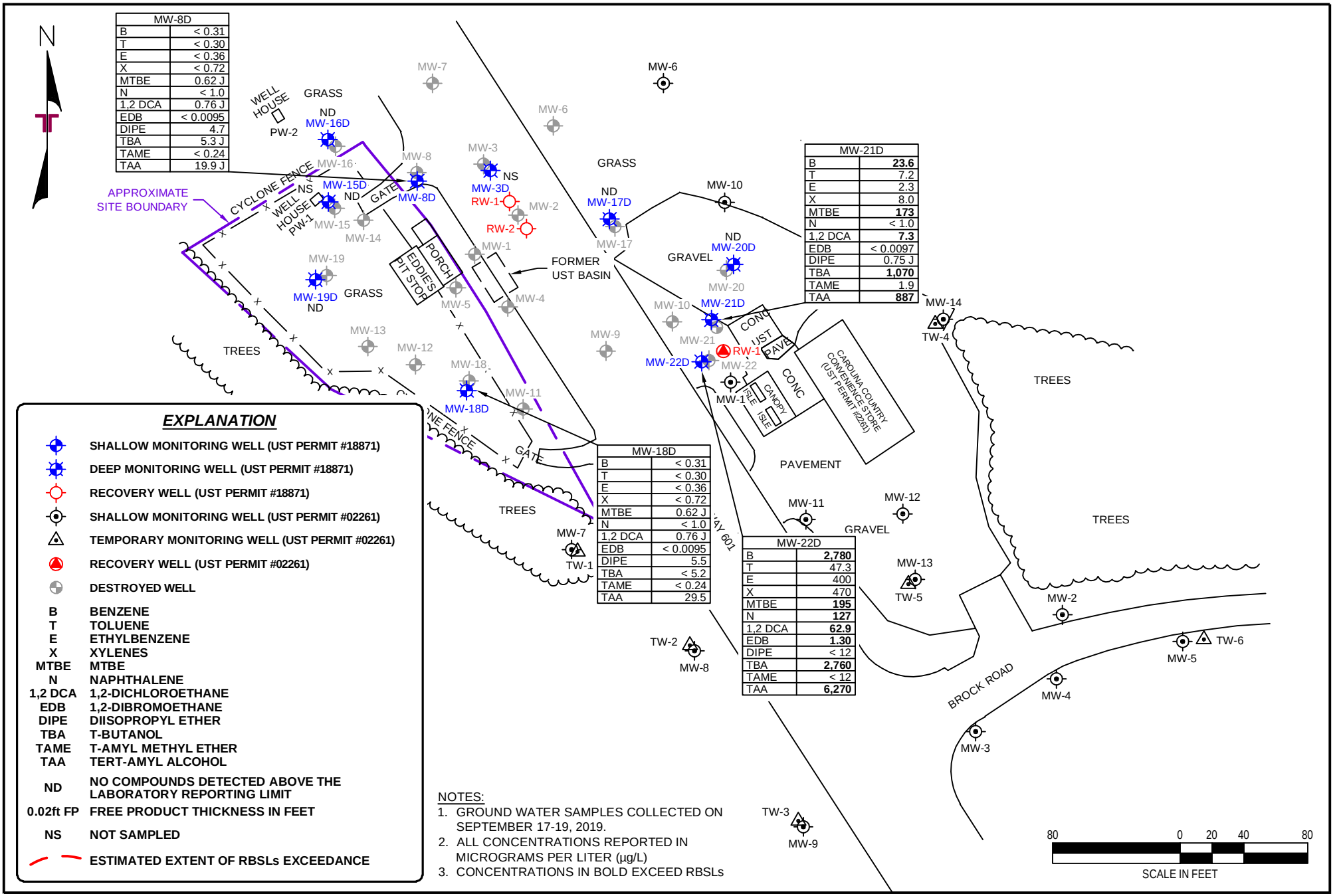
Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

COC CONCENTRATION MAP OF THE UPPER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 4



EXPLANATION

- SHALLOW MONITORING WELL (UST PERMIT #18871)
- DEEP MONITORING WELL (UST PERMIT #18871)
- RECOVERY WELL (UST PERMIT #18871)
- SHALLOW MONITORING WELL (UST PERMIT #02261)
- TEMPORARY MONITORING WELL (UST PERMIT #02261)
- RECOVERY WELL (UST PERMIT #02261)
- DESTROYED WELL

B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	XYLENES
MTBE	MTBE
N	NAPHTHALENE
1,2 DCA	1,2-DICHLOROETHANE
EDB	1,2-DIBROMOETHANE
DIPE	DIISOPROPYL ETHER
TBA	T-BUTANOL
TAME	T-AMYL METHYL ETHER
TAA	TERT-AMYL ALCOHOL
ND	NO COMPOUNDS DETECTED ABOVE THE LABORATORY REPORTING LIMIT
0.02ft FP	FREE PRODUCT THICKNESS IN FEET
NS	NOT SAMPLED

ESTIMATED EXTENT OF RBSLs EXCEEDANCE

NOTES:
1. GROUND WATER SAMPLES COLLECTED ON SEPTEMBER 17-19, 2019.
2. ALL CONCENTRATIONS REPORTED IN MICROGRAMS PER LITER (µg/L)
3. CONCENTRATIONS IN BOLD EXCEED RBSLs

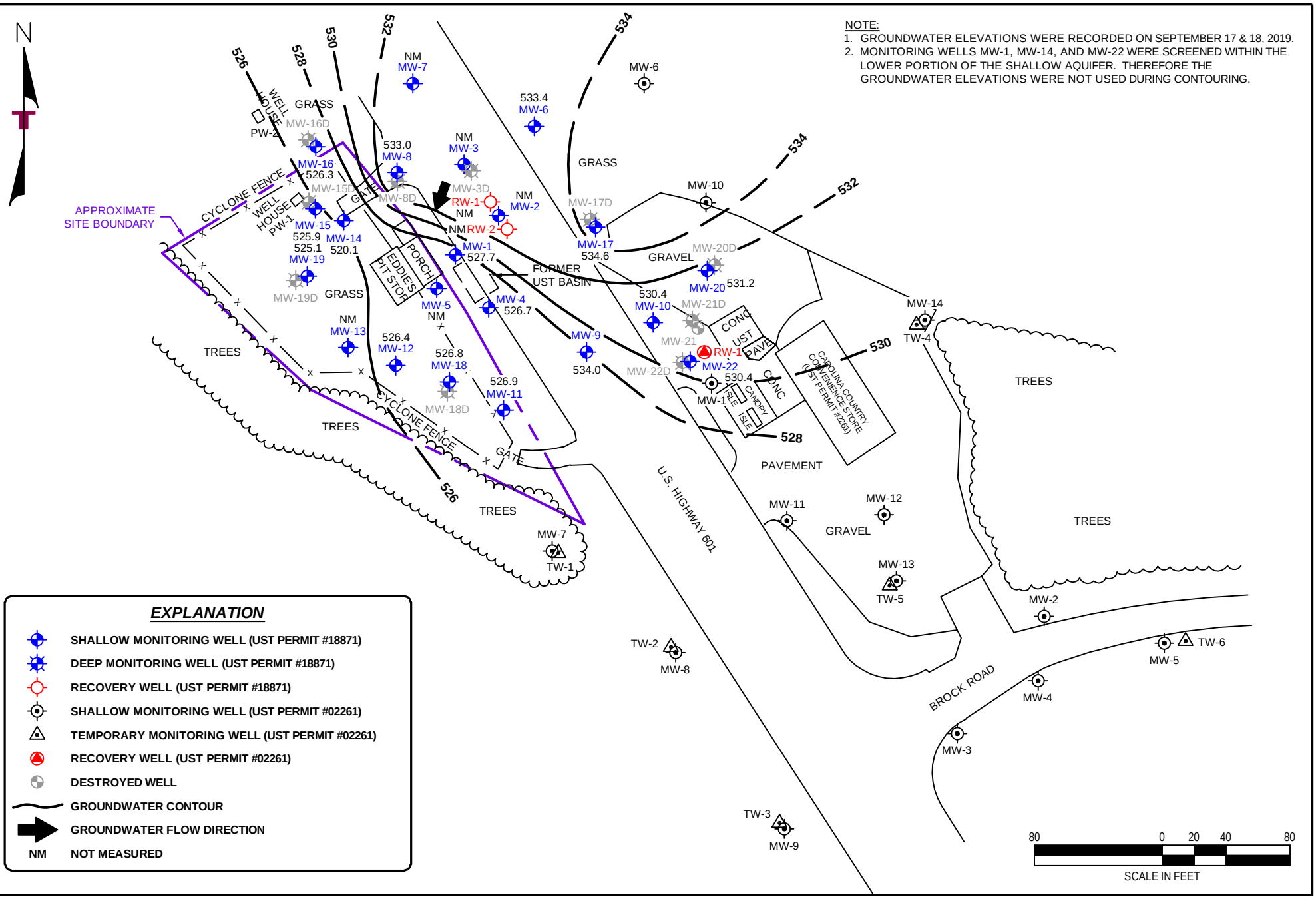
Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

COC CONCENTRATION MAP OF THE LOWER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 4A



Project Mngr:	RWN
Drawn By:	PTK
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Approved By:	PMH
Project No.	73098106
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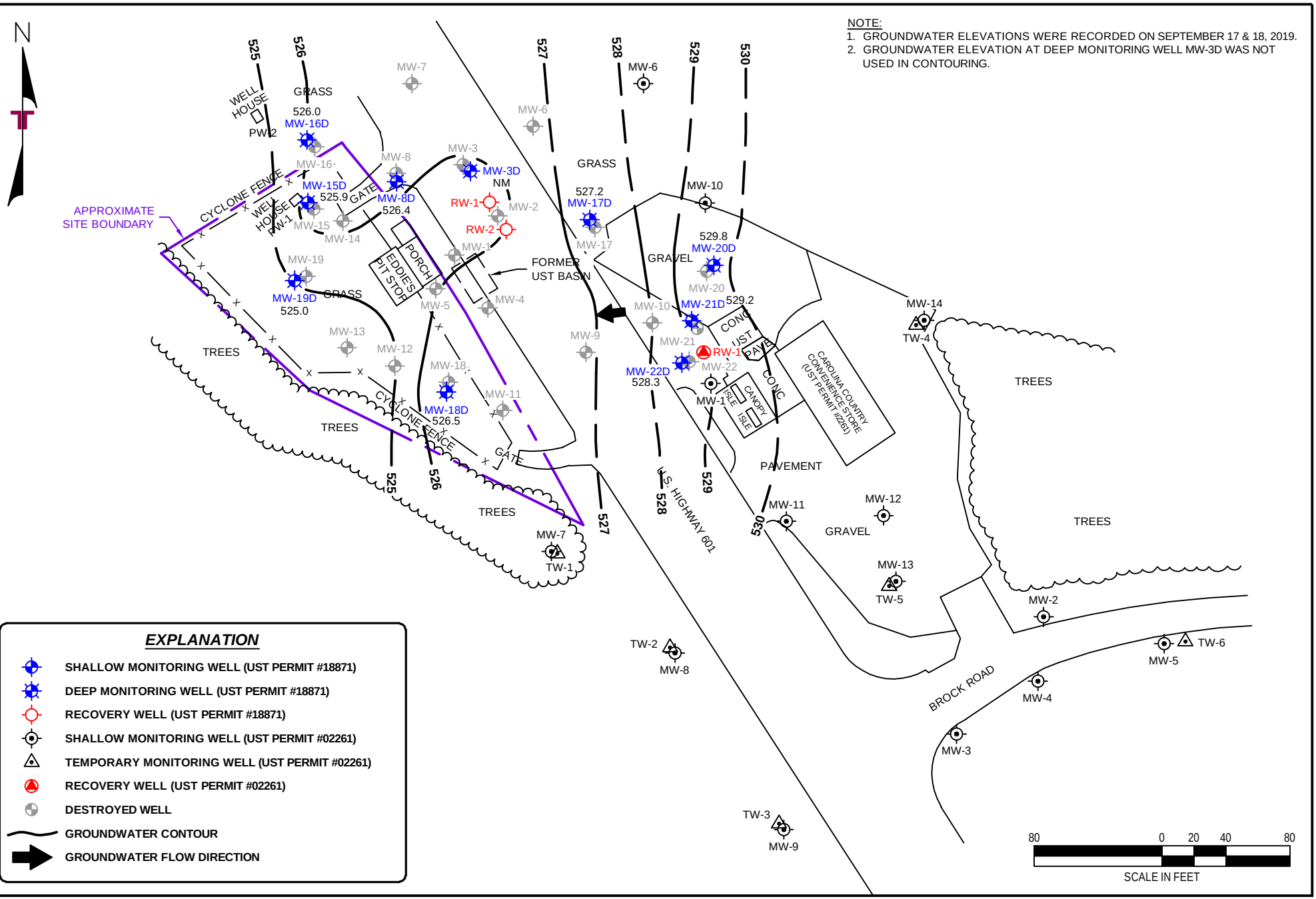
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

POTENTIOMETRIC SURFACE MAP OF THE UPPER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 5



Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	OCTOBER 2019

Terracon
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521 CLEMSON ROAD COLUMBIA, SC 29229
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POTENTIOMETRIC SURFACE MAP OF THE LOWER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 5A

TABLES

Table 2 - Ground Water Elevation Data
Table 3 – Ground Water Analytical Data, Petroleum Related Compounds
Table 3a – Ground Water Analytical Data, Petroleum Oxygenates

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-1	05/20/03	43	33- 43	298.85	35.70	--	263.15
	05/11/09				19.35	--	279.50
	09/08/11				36.70	--	262.15
	01/06/12				34.63	--	264.22
	03/27/12				26.21	--	272.64
	04/04/12			554.13	25.80	--	528.33
	07/18/12				31.00	--	523.13
	06/08/15				18.94	--	535.19
	03/08/17				16.51	--	537.62
	05/21/18				17.01	--	537.12
	09/18/19				26.45	--	527.68
MW-2	05/11/09	43	28-43	298.98	17.25	--	281.73
	07/07/11				25.85	--	273.13
	08/22/11				31.82	--	267.16
	09/08/11				33.10	--	265.88
	01/06/12				31.91	--	267.07
	03/27/12				23.25	--	275.73
	04/04/12			554.18	23.65	--	530.53
	07/18/12				27.52	--	526.66
	06/08/15				14.97	0.02	539.23
	03/08/17				12.99	0.03	541.21
	05/21/18				21.18	--	533.00
	09/17/19				Not Sampled		
MW-3	05/11/09	45	30-45	298.36	19.20	--	279.16
	09/08/11				36.28	--	262.08
	01/06/12				35.45	--	262.91
	03/27/12				31.74	--	266.62
	04/04/12			553.62	28.89	--	524.73
	07/18/12				30.10	--	523.52
	06/08/15				19.29	--	534.33
	03/08/17				13.46	--	540.16
	05/21/18				16.83	--	536.79
	09/17/19				Not Sampled		

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-3D	09/08/11	60	55-60	298.51	25.19*	--	273.32
	01/05/12				35.12	--	263.39
	03/27/12				28.90	--	269.61
	04/04/12			553.74	29.48	--	524.26
	07/18/12				30.50	--	523.24
	06/08/15				19.98	--	533.76
	05/21/18				17.80		535.94
	09/17/19				Not Sampled		
MW-4	05/11/09	49	34-49	299.29	20.16	--	279.13
	09/08/11				37.20	--	262.09
	01/06/12				35.79	--	263.50
	03/27/12				27.85	--	271.44
	04/04/12			554.56	27.90	--	526.66
	07/18/12				32.13	--	522.43
	06/08/15				19.95	--	534.61
	03/08/17				17.52	--	537.04
	05/21/18				18.17	--	536.39
	09/18/19				27.85	--	526.71
MW-5	08/09/10	25	15 - 25	296.16	17.35	--	278.81
	07/07/11				23.10	--	273.06
	08/22/11				24.92	--	271.24
	09/08/11				24.91	--	271.25
	01/06/12				24.36	--	271.80
	03/27/12				20.22	--	275.94
	04/04/12			551.42	19.79	--	531.63
	07/18/12				23.46	--	527.96
	06/08/15				13.53	--	537.89
	03/08/17				8.97	--	542.45
	05/21/18				15.37	--	536.05
	09/17/19				Not Sampled		
MW-6	08/23/11	35	25-35	298.58	Dry	Dry	Dry
	08/30/11				30.30	--	268.28
	09/08/11				28.45	--	270.13
	01/06/12				24.43	--	274.15
	03/27/12				19.21	--	279.37
	04/04/12			553.79	18.05	--	535.74
	07/18/12				20.90	--	532.89
	06/08/15				13.95	--	539.84
	05/21/18				11.85	--	541.94
	09/17/19				20.43	--	533.36

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-7	08/25/11	35	24-34	298.18	Dry	Dry	Dry
	08/30/11				Dry	Dry	Dry
	09/08/11				33.40	--	264.78
	01/06/12				32.39	--	265.79
	03/27/12				29.95	--	268.23
	04/04/12			553.42	28.02	--	525.40
	07/18/12				25.16	--	528.26
	06/08/15				13.06	--	540.36
	05/21/18				12.29	--	541.13
	09/17/19				Not Sampled		
MW-8	08/29/11	35	25-35	297.5	Dry	Dry	Dry
	09/08/11				Dry	Dry	Dry
	01/06/12				32.85	--	264.65
	03/27/12				27.32	--	270.18
	04/04/12			552.76	27.05	--	525.71
	07/18/12				28.91	--	523.85
	06/08/15				18.33	--	534.43
	03/08/17				17.56	--	535.20
	05/21/18				18.05	--	534.71
	09/18/19				19.74	--	533.02
MW-8D	09/08/11	60	55-60	297.35	25.35*	--	272.00
	01/05/12				34.24	--	263.11
	03/27/12				26.12	--	271.23
	04/04/12			552.53	26.07	--	526.46
	07/18/12				31.30	--	521.23
	06/08/15				18.93	--	533.60
	05/21/18				16.00	--	536.53
	09/18/19				26.12	--	526.41
MW-9	08/26/11	35	24-34	299.74	Dry	Dry	Dry
	08/30/11				Dry	Dry	Dry
	09/08/11				33.93	--	265.81
	01/06/12				33.60	--	266.14
	03/27/12				30.65	--	269.09
	04/04/12			554.89	29.12	--	525.77
	07/18/12				29.89	--	525.00
	06/08/15				18.96	--	535.93
	05/21/18				20.91	--	533.98
	09/17/19				Not Sampled		

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-10	08/27/11	35	25-35	299.54	Dry	Dry	Dry
	09/08/11				34.40	--	265.14
	01/06/12				34.50	--	265.04
	03/27/12				24.57	--	274.97
	04/04/12			554.79	24.79	--	530.00
	07/18/12				28.71	--	526.08
	06/08/15				15.82	--	538.97
	05/21/18				13.68	--	541.11
	09/18/19				24.41	--	530.38
MW-11	01/06/12	35	19.5-34.5	293.42	32.00	--	261.42
	03/27/12				21.35	--	272.07
	04/04/12			548.76	21.50	--	527.26
	07/18/12				26.40	--	522.36
	06/08/15				12.49	--	536.27
	05/22/18				13.85	--	534.91
	09/18/19				21.85	--	526.91
MW-12	01/06/12	35	20-35	290.46	26.05	--	264.41
	03/27/12				17.69	--	272.77
	04/04/12			545.68	21.50	--	524.18
	07/18/12				23.18	--	522.50
	06/08/15				7.47	--	538.21
	03/08/17				8.21	--	537.47
	05/21/18				9.89	--	535.79
	09/18/19				19.25	--	526.43
MW-13	01/06/12	35	20-35	289.98	27.90	--	262.08
	03/27/12				17.45	--	272.53
	04/04/12			545.2	16.90	--	528.30
	07/18/12				22.32	--	522.88
	06/08/15				11.81	--	533.39
	05/22/18				9.52	--	535.68
	09/17/19				Not Sampled		
MW-14	01/06/12	35	20-35	291.24	30.72	--	260.52
	03/27/12				19.34	--	271.90
	04/04/12			546.48	20.76	--	525.72
	07/18/12				22.52	--	523.96
	06/08/15				13.71	--	532.77
	05/21/18				11.01	--	535.47
	09/18/19				20.41	--	526.07
MW-15	04/04/12	32	17-32	545.77	25.45	--	520.32

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
	07/18/12				23.52	--	522.25
	06/08/15				12.88	--	532.89
	05/21/18				10.59	--	535.18
	09/18/19				20.00	--	525.77
MW-15D	04/04/12	60	55-60	545.89	18.11	--	527.78
	07/18/12				23.86	--	522.03
	06/08/15				14.60	--	531.29
	05/21/18				10.00	--	535.89
	09/18/19				19.97	--	525.92
MW-16	04/04/12	32	17-32	546.47	19.02	--	527.45
	07/18/12				24.20	--	522.27
	06/08/15				13.50	--	532.97
	05/21/18				11.03	--	535.44
	09/18/19				20.15	--	526.32
MW-16D	04/04/12	60	55-60	546.59	19.70	--	526.89
	07/18/12				24.47	--	522.12
	06/08/15				13.95	--	532.64
	05/21/18				11.00	--	535.59
	09/18/19				20.60	--	525.99
MW-17	04/04/12	35	20-35	554.33	20.39	--	533.94
	07/18/12				21.53	--	532.80
	06/08/15				12.58	--	541.75
	05/21/18				11.53	--	542.80
	09/17/19				19.70	--	534.63
MW-17D	04/04/12	60	55-60	554.3	27.54	--	526.76
	07/18/12				31.37	--	522.93
	06/08/15				19.50	--	534.80
	05/21/18				18.10	--	536.20
	09/17/19				27.08	--	527.22
MW-18	04/04/12	32	17-32	546.56	19.65	--	526.91
	07/18/12				23.90	--	522.66
	06/08/15				14.38	--	532.18
	05/21/18				10.00	--	536.56
	09/18/19				19.80	--	526.76
MW-18D	04/04/12	60	55-60	546.27	19.17	--	527.10
	07/18/12				23.17	--	523.10
	06/08/15				12.26	--	534.01
	05/21/18				10.00	--	536.27
	09/18/19				19.75	--	526.52

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-19	04/04/12	32	17.5-27.5	544.53	18.50	--	526.03
	07/18/12				22.53	--	522.00
	06/08/15				12.88	--	531.65
	05/21/18				10.18	--	534.35
	09/18/19				19.48	--	525.05
MW-19D	04/04/12	60	55-60	544.11	16.20	--	527.91
	07/18/12				22.41	--	521.70
	06/08/15				12.41	--	531.70
	05/21/18				10.00	--	534.11
	09/18/19				19.16		524.95
MW-20	07/18/12	35	25-35	556.55	27.02	--	529.53
	06/08/15				15.63	--	540.92
	05/21/18				15.92	--	540.63
	09/17/19				25.39		531.16
MW-20D	07/18/12	60	55-60	556.66	33.31	--	523.35
	06/08/15				18.86	--	537.80
	05/21/18				17.00	--	539.66
	09/17/19				26.85	--	529.81
MW-21	07/18/12	35	25-35	555.73	24.72	--	531.01
	06/08/15				16.04	--	539.69
	05/21/18				DESTROYED		
MW-21D	07/18/12	60	55-60	555.75	32.83	--	522.92
	06/08/15				14.09	--	541.66
	05/21/18				17.62	--	538.13
	09/17/19				26.59	--	529.16
MW-22	07/18/12	35	25-35	555.29	31.34	--	523.95
	06/08/15				18.11	--	537.18
	05/21/18				16.33	--	538.96
	09/18/19				24.90	--	530.39
MW-22D	07/18/12	60	55-60	554.98	32.23	--	522.75
	06/08/15				19.10	--	535.88
	05/21/18				15.76	--	539.22
	09/17/19				26.64	--	528.34
RW-1	06/02/16	25	10-25	553.32	12.25	--	541.07
	03/08/17				12.26	--	541.06
	05/21/18				12.22	--	541.10
	09/17/19				Not Sampled		
RW-2	06/02/16	25	10-25	553.57	10.97	--	542.60
	03/08/17				11.93	--	541.64
	05/21/18				11.75	--	541.82
	09/17/19				Not Sampled		

Notes:
1) Top of casing elevations surveyed by Terracon personnel
2) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-1	05/11/09	**3,250**	265	**1,580**	5,160	< 3.89	**841**	NA	**1.66**	12 *B*
	01/06/12	**3,020**	722	**1,080**	7,510	< 4.20	**773**	**57.5**	**2.91**	< 2.8
	04/05/12	**2,740**	378	**1,940**	9,660	< 3.36	**1,122**	**73.7**	**0.68**	< 2.8
	07/19/12	**2,520**	295	**1,280**	5,710	< 1.21	**663**	**60.9**	**0.986**	< 2.8
	06/11/15	**1,040**	148	**1,200**	4,180	< 0.180	**960**	**34.4**	**2.94**	NA
	03/08/17	0.72 J	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.017	NA
	05/22/18	**1,420**	121	**1,110**	3,930	< 4.6	**625**	**32.1**	**5.7**	NA
	09/19/19	**1,030**	35	241	761	< 2.3	**65.8**	**25.8**	**3.7**	NA
MW-2	05/11/09	**2,290**	73.6	699	2,140	< 1.94	**186**	NA	**0.385**	3.3
	01/06/12	**4,210**	262	**1,390**	6,280	< 3.36	**968**	**113**	**1.02**	< 2.8
	04/05/12	**2,740**	378	**1,940**	9,660	< 3.36	**1,120**	**73.7**	**0.682**	< 2.8
	07/17/12	**3,940**	146	**1,100**	4,250	< 1.51	**604**	**122**	**0.210**	1.1J
	06/08/15	**0.02ft. OF FREE PRODUCT**								
	03/08/17	**0.03ft. OF FREE PRODUCT**								
	05/22/18	**3,030**	105	394	3,880	< 11	**805**	**68.5**	**3.8**	NA
	09/17/19	**NOT SAMPLED**								
MW-2 DUP	05/22/18	**2,900**	113	390	3,830	< 11	**818**	**63.5**	**3.9**	NA
MW-3	05/11/09	**290**	63.5	154	217	< 0.194	**39.6**	NA	< 0.0035	**27**
	01/06/12	**138**	< 0.155	47.2	40.9	< 0.168	**105**	< 0.242	< 0.0032	< 2.8
	04/05/12	**148**	1.16	40.7	< 0.176	< 0.084	**73**	< 0.121	< 0.0029	13.0 J
	07/17/12	**91.6**	0.408J	48.9	5.71	< 0.06	**74.6**	1.26	< 0.0029	< 0.28
	06/09/15	**88.7**	< 0.140	32.7	1.98	< 0.180	**59.1**	< 0.180	< 0.00626	NA
	03/08/17	**NOT SAMPLED**								
	05/22/18	1.4	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0091	NA
	09/17/19	**NOT SAMPLED**								
MW-3D	01/05/12	**165**	< 0.388	42.3	20.1	< 0.42	**56.7**	**23.7**	< 0.0032	**65**
	04/05/12	**405**	10.7	115	83.3	< 0.42	**73**	**28**	< 0.0029	**64**
	07/17/12	**248**	4.08J	71.9	43.6	< 0.302	**51.2**	**24.3**	< 0.0029	5.3
	06/09/15	**10.1**	< 0.140	1.23	1.03	< 0.180	2.78	**13.1**	< 0.00619	NA
	05/22/18	1.5	< 0.30	0.51 J	< 0.72	< 0.23	< 1.0	**27.3**	< 0.0094	NA
	09/17/19	**NOT SAMPLED**								
MW-4	05/11/09	**75.8**	< 0.082	14	200	1.16	16.7	NA	0.042	14 B
	01/06/12	**324**	< 0.155	32.6	437	< 0.168	**126**	< 0.242	0.077	< 2.8
	04/05/12	**98.3**	< 0.078	26.6	71.6	< 0.084	**94.4**	< 0.121	< 1.11	6.6 J
	07/18/12	**263**	< 0.254	83.7	361	< 0.121	**146**	4.97	0.033	< 2.8
	06/11/15	**27.2**	3.03	148	637	< 0.180	**180**	< 0.180	0.0314	NA
	03/08/17	**45.4**	8.70	273	1,150	< 0.57	**193**	0.91 J	**0.13**	NA
	05/22/18	**47.4**	7.0	214	823	< 0.23	**202**	0.77 J	**0.088**	NA
	09/19/19	**72.6**	1.6 J	144	516	< 0.57	**153**	1.8 J	**0.110**	NA
MW-4 Dup	06/11/15	**33.1**	3.67	146	771	< 0.180	**187**	< 0.180	0.0259	NA
	03/08/17	**45.5**	8.9	273	1,200	< 0.57	**191**	0.96 J	**0.13**	NA
	09/19/19	**71.4**	1.5 J	143	514	< 0.57	**152**	1.5 J	**0.12**	NA

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-5	08/09/10	**166**	44.4	539	1,070	< 0.517	**307**	NA	**0.269**	3.4 B
	01/06/12	**125**	25.7	630	1,260	< 0.839	**334**	< 1.21	< 0.0032	< 2.8
	04/05/12	**93.7**	26.6	497	943	< 0.839	**242**	< 1.21	< 0.0029	< 2.8
	07/19/12	**70.6**	12.9	214	388	< 0.121	**154**	< 0.238	< 0.0029	< 2.8
	06/11/15	**141**	53.0	**966**	2,480	< 0.180	**1,180**	< 0.180	**0.317**	NA
	03/08/17	**219**	197	**736**	2,340	< 1.1	**414**	3.0 J	**0.47**	NA
	05/22/18	**684**	48	274	2,130	< 2.3	**298**	**22**	**1.7**	NA
	09/17/19	**NOT SAMPLED**								
MW-6	01/06/12	< 0.049	< 0.078	< 0.18	1.37 J	< 0.084	6.42	< 0.121	< 0.0032	4.5 J
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	6.49	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	7.11	< 0.119	< 0.0029	< 2.8
	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00627	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/17/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0095	NA
MW-7	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	**22.0**
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	3.46 J	< 0.121	< 0.0029	12 J
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.0029	< 0.119	< 0.28
	06/09/15	1.01	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00612	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	09/17/19	**NOT SAMPLED**								
MW-8	01/06/12	**970**	31.6	262	450	< 0.839	**91.1**	< 1.21	< 0.0032	< 2.8
	04/05/12	**1,000**	86.4	828	2,420	< 1.68	**389**	**8.66 J**	< 0.0029	3.8 J
	07/19/12	**1,040**	117	962	3,060	< 0.604	**450**	**7.11 J**	< 0.0029	< 2.8
	06/12/15	**567**	25.7	689	909	< 0.180	**368**	< 0.180	0.0138	NA
	03/08/17	**476**	25.5	654	1,820	< 2.3	**503**	4.6 J	0.042	NA
	05/22/18	**658**	10.7	**835**	1,330	< 2.3	**527**	< 3.1	0.024	NA
	09/18/19	**605**	9 J	**1,230**	1,460	< 2.3	**609**	< 3.1	< 0.0096	NA
MW-8D	01/05/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	5.21	1.34	< 0.0032	11.0
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	**27.0**
	07/19/12	< 0.099	< 0.127	1.48	4.59	< 0.06	5.24	< 0.119	< 0.0029	< 2.8
	06/10/15	2.65	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	2.28	< 0.00632	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.012	NA
	09/19/19	< 0.31	< 0.30	< 0.36	< 0.72	0.62 J	< 1.0	0.76 J	< 0.0095	NA
MW-9	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	0.03
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.12	< 0.0029	< 2.8
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 0.28
	06/09/15	1.23	< 0.140	< 0.190	< 0.200	2.77	< 0.220	0.490	0.0115	NA
	05/22/18	0.42 J	< 0.30	< 0.36	< 0.72	2.60	1.5 J	0.60 J	< 0.0093	NA
	09/17/19	**NOT SAMPLED**								

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-10	01/06/12	**26.3**	< 0.078	11.4	21.8	**48.4**	5.34	< 0.121	0.015	< 2.8
	04/05/12	**2,150**	< 3.1	194	933	**259**	**263**	**57.5**	**0.268**	< 2.8
	07/18/12	**2,680**	< 3.18	148	1,150	**276**	**200**	**68.3**	**0.1**	< 2.8
	06/15/15	**1,820**	6.93	635	1,700	**200**	**382**	**48.2**	**2.13**	NA
	05/21/18	**2,640**	< 15	**756**	1,780	**169**	**327**	**45.9 J**	**1.4**	NA
	09/18/19	**2,640**	< 15	**733**	1,810	< 11	**388**	**41.6 J**	**1**	NA
MW-11	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	< 2.8
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	2.15 J	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00630	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/18/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0096	NA
MW-12	01/06/12	**3,140**	< 3.10	89.5	247	< 3.36	**465**	< 4.84	< 0.0032	< 2.8
	04/05/12	**2,980**	221	485	1,980	< 3.36	**204**	**33.6 J**	< 0.0029	< 2.8
	07/20/12	**5,580**	457	**1,150**	4,040	< 3.02	**460**	**39.4 J**	< 0.0029	< 2.8
	06/11/15	**4,540**	182	574	2,080	< 0.180	**450**	**35.0**	< 0.00610	NA
	03/08/17	**5,550**	348	522	3,390	< 23	**233 J**	**45.6 J**	0.031	NA
	05/22/18	**5,010**	193	**803**	2,800	< 23	**448 J**	**36.5 J**	0.011 J	NA
	09/19/19	**4,510**	96	**805**	1,600	< 11	**303**	**25.6 J**	< 0.0094	NA
MW-12 DUP	05/22/18	**5,050**	193	**802**	2810	< 23	**460 J**	**34.6 J**	0.013 J	NA
	09/19/19	**4,480**	97	**802**	1590	< 11	**303**	**27.0 J**	< 0.0095	NA
MW-13	01/06/12	**56**	< 0.388	< 0.9	4.56 J	< 0.42	**33.5**	10.7	< 0.0032	4.1 J
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	1.34	< 0.0029	< 2.8
	07/20/12	0.584 J	< 0.127	0.522 J	10.2	< 0.06	4.14 J	< 0.119	< 0.0029	< 2.8
	06/08/15	Not Sampled - Well Blocked								
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/17/19	Not Samples - Well Blocked								
MW-14	01/06/12	**5.73**	7.77	< 0.18	< 0.123	< 0.084	5.57	1.74	< 0.0032	**25.0**
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/11/15	**20.1**	< 0.140	3.54	< 0.200	< 0.180	1.91	1.46	0.0148	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/18/19	**16.0**	< 0.30	10.60	1.3 J	< 0.23	3.5 J	2.70	< 0.0096	NA
MW-15	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/20/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00620	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.026	NA
	09/18/19	3.20	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	1.40	< 0.0096	NA
MW-15D	04/05/12	**5.95**	< 0.078	6.33	10.9	< 0.084	5.91	< 0.121	< 0.0029	< 2.8
	07/19/12	**9.42**	< 0.127	1.50	< 0.384	< 0.06	3.93 J	6.78	< 0.0029	< 2.8
	06/09/15	**31.7**	2.70	10.5	15.8	< 0.180	11.9	3.20	< 0.00627	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/18/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	*--*	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-16	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/11/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00619	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	09/18/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
MW-16D	04/05/12	**15.9**	< 0.078	6.1	12.6	< 0.084	6.32	< 0.121	< 0.0029	3.8 J
	07/19/12	**7.7**	< 0.127	< 0.119	2.54 J	< 0.06	2.46 J	0.942 J	< 0.0029	< 2.8
	06/10/15	**32.9**	1.16	9.24	20.2	< 0.180	8.58	6.61	< 0.00646	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	1.9	0.019	NA
	09/18/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
MW-17	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00613	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
MW-17D	04/05/12	1.89	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	4.74	< 0.0029	< 2.8
	07/18/12	0.618 J	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.17	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	3.38	< 0.00644	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.033	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/17/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
MW-18	04/05/12	3.73	< 0.078	19.0	21.9	< 0.084	4.01 J	< 0.121	< 0.0029	4.6 J
	07/20/12	< 0.099	< 0.127	4.8	5.5	< 0.06	4.27 J	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	1.00	1.25	< 0.180	< 0.220	< 0.180	< 0.00630	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
	09/19/19	0.45 J	< 0.30	0.61 J	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
MW-18D	04/05/12	**90.1**	< 0.078	< 0.18	1.17 J	< 0.084	4.46 J	**21.7**	< 0.0029	6.1 J
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	**19.4**	< 0.0029	< 2.8
	06/10/15	**27.7**	< 0.140	< 0.190	0.630	< 0.180	< 0.220	**22.1**	< 0.00634	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/19/19	0.79 J	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	4.3	< 0.0096	NA
MW-19	04/05/12	4.87	< 0.078	0.328 J	1.01 J	< 0.084	< 0.175	**12.5**	< 0.0029	< 2.8
	07/20/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	**63.7**	< 0.0029	< 2.8
	06/11/15	3.61	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	**78.1**	< 0.00614	NA
	05/22/18	0.45 J	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	**39.1**	0.036	NA
	09/19/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	**35.6**	< 0.0094	NA
MW-19D	04/05/12	3.07	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	4.87	< 0.0029	11.0 J
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.46	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	1.69	< 0.00629	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	09/19/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
MW-20	07/18/12	**325**	1.77 J	53	105	35	2.56 J	**7.21**	**0.112**	< 2.8
	06/12/15	**3,500**	27.6	634	3,140	231	**252**	**48.4**	**5.58**	NA
	05/21/18	**266**	< 1.5	8.3	75.8	39.4	7.5 J	**8.4**	**0.25**	NA
	09/17/19	**2,700**	9.1	615.0	1,220.0	**142.0**	**168.0**	**36.2**	**0.91**	NA
MW-20 Dup	06/12/15	**2,010**	26.7	686	3,510	**228**	**250**	**47.5**	**5.45**	NA

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-20D	07/18/12	**22.6**	< 0.127	1.7	8.1	25.1	1.26 J	3.43	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	30.0	< 0.220	< 0.180	< 0.00634	NA
	05/21/18	1.8	< 0.30	< 0.36	< 0.72	28.8	< 1.0	3.20	< 0.0092	NA
	09/17/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0096	NA
MW-21	07/18/12	**11,400**	12,100	1,170	5,840	**2,870**	294 J	**436**	**3.75**	< 2.8
	06/12/15	**4,380**	3,740	440	2,220	**833**	**141**	**173**	**2.78**	NA
	05/21/18	Paved Over								
MW-21D	07/18/12	**220**	473	151	785	**64.7**	**51.2**	8.19	0.017	< 2.8
	06/10/15	**1,460**	539	37.6	195	**335**	15.4	**38.9**	**0.327**	NA
	05/21/18	136	99	6.5	24.8	**259**	< 2.0	**14.0**	< 0.0092	NA
	09/17/19	**24**	7	2.3	8.0	**173**	< 1.0	**7.3**	< 0.0097	NA
MW-22	07/18/12	**262**	37.7	73.9	286	5.85	3.84 J	1.65 J	0.013	< 2.8
	06/12/15	**1,970**	56.3	307	1,760	**51.0**	**212**	**22.3**	**5.26**	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
	09/18/19	**4,870**	68.9	**818**	2,570	< 0.23	**297**	**81.3**	**7.00**	NA
MW-22D	07/18/12	**1,300**	80.2	241	639	61	157	19.6	0.011	< 2.8
	06/10/15	**1,490**	76.0	296	569	**138**	**155**	**43.7**	**2.32**	NA
	05/21/18	**4,080**	91.5	646	836	**258**	**252**	**79.3**	**1.80**	NA
	09/17/19	**2,780**	47.3	400	470	**195**	**127**	**62.9**	**1.30**	NA
RW-1	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0095	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0091	NA
RW-2	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
PW-1 On-Site Supply Well	01/05/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	1.89	< 0.0032	NA
	01/27/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	1.97	< 0.0029	NA
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.22	< 0.0029	NA
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	1.40	< 0.00620	NA
	05/22/18	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.019	NA
	09/19/19	< 0.0025	< 0.00024	< 0.00026	< 0.00025	< 0.000094	< 0.00031	< 0.00013	< 0.011	NA
PW-1 Dup	05/22/18	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.19	NA
	09/19/19	< 0.0025	< 0.00024	< 0.00026	< 0.00025	< 0.000094	< 0.00031	< 0.00013	< 0.011	NA
PW-2 Casper Irrigation Well	01/05/12	4.64	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	NA
	01/27/12	1.15	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	07/17/12	0.448J	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	NA
	06/08/15	Not Sampled								
Casper Residence Municipal Water Supply	01/27/12	< 0.078	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0029	NA

TABLE 3
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
Field Blank	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00631	NA
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00621	NA
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00618	NA
	06/11/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00615	NA
	06/12/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00604	NA
	03/08/17	< 0.31	< 0.31	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0095	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
PW-1	05/22/18	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.020	NA
	09/17/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
	09/18/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0098	NA
	09/19/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
PW-1	09/19/19	< 0.0025	< 0.00024	< 0.00026	< 0.00025	< 0.000094	< 0.00031	< 0.00013	< 0.011	NA
Trip Blank	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	NA	NA
	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	NA	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	NA	NA
PW-1	05/22/18	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	NA	NA
	05/23/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	NA	NA
	09/17/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	NA	NA
PW-1	09/19/19	< 0.0025	< 0.00024	< 0.00026	< 0.00025	< 0.000094	< 0.00031	< 0.00013	NA	NA

Notes:
1) Results shown in boldface type indicate concentrations which exceed the RBSL for that compound
2) µg/L - micrograms per liter or parts per billion
3) RBSL- Risk-Based Screening Level as defined by the SCDHEC RBCA Document
4) *J* - indicates an estimated value
5) *B* - indicates the result is between the Method Detection Limit and the Reporting Detection Limit
6) *NA* - Not Analyzed
7) 1,2 DCA - 1,2 Dichloroethane
8) Abbreviations:
MTBE = methyl-tert-butyl-ether
EDB = 1,2-dibromoethane
1,2 DCA - 1,2 Dichloroethane
10) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-1	01/06/12	< 4090	< 55.5	< 5.25	< 1,880	< 14.5	< 52.5	**3,570**	< 108
	04/05/12	< 3,270	< 44.4	77.9J	< 1,500	< 11.6	< 42	**3,880**	< 86.4
	07/19/12	< 1640	< 22.2	32.8J	< 752	< 5.8	< 21.0	**3,520**	< 43.2
	06/11/15	< 8.00	< 0.300	15.7	980	27.5	< 0.300	**1,640**	< 1.00
	03/08/17	< 82	< 0.24	0.91 J	< 10	< 5.3	< 0.24	9.9 J	< 5.0
	05/22/18	< 1,600	< 4.7	17.3 J	< 200	< 110	< 4.9	**1,460**	< 100
	09/19/19	< 820	< 2.4	12.1	< 100	< 53	< 2.4	**1,420**	< 50
MW-2	01/06/12	< 3,270	< 44.4	**836 J**	< 1,500	< 11.6	< 42	**6,820**	< 86.4
	04/05/12	< 4,090	,55.5	124J	< 1,880	149J	< 52.5	**6,580**	< 108
	07/17/12	< 2,050	< 27.8	71.9J	< 940	158J	< 26.3	**6,590**	< 54
	06/08/15	**0.02ft. OF FREE PRODUCT**							
	03/08/17	**0.03ft. OF FREE PRODUCT**							
	05/22/18	< 4,100	< 12	38 J	< 500	< 270	< 12	**3,880**	< 250
	09/17/19	**NOT SAMPLED**							
MW-2 DUP	05/22/18	< 4,100	< 12	40.3 J	< 500	< 270	< 12	**3,650**	< 250
MW-3	01/06/12	< 164	< 2.22	3.40 J	< 75.2	< 0.58	< 2.1	**243**	< 4.32
	04/05/12	< 81.8	< 1.11	4.64 J	< 37.6	< 0.29	< 1.05	**254**	< 2.16
	07/17/12	< 81.8	< 1.11	1.53J	< 37.6	4.73J	< 1.05	**170**	< 2.16
	06/09/15	< 8.00	< 0.300	2.81	152	< 1.00	< 0.300	193	< 1.00
	03/08/17	**NOT SAMPLED**							
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	30.1	< 5.0
	09/17/19	**NOT SAMPLED**							
MW-3D	01/05/12	< 409	< 5.55	42.8	< 188	55.5	< 5.25	**2,280**	< 10.8
	04/05/12	< 409	< 5.55	< 43	< 188	< 62.1	< 5.25	**2,120**	< 10.8
	07/17/12	< 409	< 5.55	36.1	< 188	71	< 5.25	**2,340**	< 10.8
	06/09/15	< 8.00	< 0.300	13.7	81.6	< 1.00	< 0.300	**312**	< 1.00
	05/22/18	< 82	< 0.24	30.8	< 10	69.2	< 0.24	**975**	< 5.0
	09/17/19	**NOT SAMPLED**							
MW-4	01/06/12	< 164	< 2.22	3.52 J	< 75.2	< 0.58	< 2.1	**691**	< 4.32
	04/05/12	< 81.8	< 1.11	2.34 J	< 37.6	8.65 J	< 1.05	**380**	< 2.16
	07/18/12	< 164	< 2.22	2.88 J	< 75.2	< 0.58	< 2.1	**463**	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	34.9	< 1.00	< 0.300	51.9	< 1.00
	03/08/17	< 200	< 0.59	< 0.60	< 25	< 13	< 0.61	54.2	< 13
	05/22/18	< 82	< 0.24	0.53 J	< 10	< 5.3	< 0.24	76	< 5.0
	09/19/19	< 200	< 0.59	0.71 J	< 25	< 13	< 0.61	157	< 13

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-4 Dup	06/11/15	< 8.00	< 0.300	< 0.0800	44.9	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 200	< 0.59	< 0.60	< 25	< 13	< 0.61	56.4	< 13
	09/19/19	< 200	< 0.59	0.78 J	< 25	< 13	< 0.61	144	< 13
MW-5	01/06/12	< 818	< 11.1	< 1.05	< 376	< 2.90	< 10.5	**278**	< 21.6
	04/05/12	< 818	< 11.1	< 1.05	< 376	< 2.9	< 10.5	139 J	< 21.6
	07/19/12	< 164	< 2.22	< 0.210	< 75.2	< 0.58	< 2.10	134	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	167	< 1.00	< 0.300	106	< 1.00
	03/08/17	< 410	< 1.2	1.5 J	< 50	< 27	< 1.2	169	< 25
	05/22/18	< 820	< 2.4	12.3	< 100	< 53	< 2.4	**1,370**	< 50
	09/17/19	**NOT SAMPLED**							
MW-6	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-7	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	**NOT SAMPLED**							
MW-8	01/06/12	< 818	< 376	25.9 J	< 11.1	< 2.90	< 10.5	**4,160**	< 21.6
	04/05/12	< 1,640	< 22.2	30.4 J	< 752	< 5.8	< 21.0	**1,360**	< 43.2
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/12/15	< 8.00	< 0.300	4.24	933	< 1.00	< 0.300	**756**	< 1.00
	03/08/17	< 820	< 2.4	4.3 J	< 100	< 53	< 2.4	**447**	< 50
	05/22/18	< 820	< 2.4	6.5 J	< 100	< 53	< 2.4	**610**	< 50
	09/18/19	< 820	< 2.4	< 2.4	< 100	< 53	< 2.4	**621**	< 50
MW-8D	01/05/12	< 81.8	< 1.11	2.74 J	< 37.6	< 0.29	< 1.05	21.4	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.5	18.1	< 1.00	< 0.300	193	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	< 82	< 0.24	4.7	< 10	5.3 J	< 0.24	19.9 J	< 5.0
MW-9	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	10.5 J	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	84.4	< 0.300	62.4	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	82.1	< 0.24	89.3	< 5.0
	09/17/19	**NOT SAMPLED**							

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-10	01/06/12	< 81.8	< 1.11	1.07 J	< 37.6	41.2	< 1.05	106	< 2.16
	04/05/12	< 3,270	< 44.4	< 4.2	< 1,500	**1,420**	< 42	**3,930**	< 86.4
	07/18/12	< 2050	< 27.8	< 2.63	< 940	1,270	< 26.3	**3,680**	< 54
	06/12/15	< 8.00	< 0.300	< 0.0800	883	**2,070**	< 0.300	**2,410**	< 1.00
	05/21/18	< 4,100	< 12	< 12	< 500	**1,400**	< 12	**2,280**	< 250
	09/18/19	< 4100	< 12	< 12	< 500	**1,190**	< 12	**2,220**	< 250
MW-11	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-12	01/06/12	< 3,270	< 44.4	73.4 J	< 1,500	< 11.6	< 42	**10,600**	< 86.4
	04/05/12	< 3,270	< 44.4	77.5 J	< 1,500	< 11.6	< 42	**6,010**	< 86.4
	07/20/12	< 4090	< 55.5	43.5 J	< 1880	< 14.5	< 52.5	**5,210**	< 108
	06/11/15	< 8.00	< 0.300	34.3	4,370	< 1.00	< 0.300	**5,220**	< 1.00
	03/08/17	< 8,200	< 24	34.2 J	< 1,000	< 530	< 24	**3,530**	< 500
	05/22/18	< 8,200	< 24	35.2 J	< 1,000	< 530	< 24	**3,550**	< 500
	09/19/19	< 4100	< 12	30.4 J	< 500	< 270	< 12	**2,940**	< 250
MW-12 DUP	05/22/18	< 8,200	< 24	34.6 J	< 1,000	< 530	< 24	**3,920**	< 500
	09/19/19	< 4100	<12	28.2 J	< 500	< 270	< 12	**3,100**	< 250
MW-13	01/06/12	< 409	< 5.55	15.6 J	< 188	47.2 J	< 5.25	**1,710**	< 10.8
	04/05/12	< 81.8	< 1.11	1.95 J	< 37.6	< 0.29	< 1.05	106	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	**Not Sampled - Well Blocked**							
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	**Not Sampled - Well Blocked**							
MW-14	01/06/12	< 81.8	< 1.11	1.79 J	< 37.6	< 0.29	< 1.05	158	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	12.7 J	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	< 0.0800	39.7	< 1.00	< 0.300	98.5	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	3.8	< 10	19.9 J	< 0.24	**275.0**	< 5.0
MW-15	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	2.87 J	< 1.05	24.3	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	1.3	< 10	10.5 J	< 0.24	120	< 5.0
MW-15D	04/05/12	< 81.8	< 1.11	2.07 J	< 37.6	10.1	< 1.05	36.7	< 2.16
	07/19/12	< 81.8	< 1.11	4.47 J	< 37.6	< 0.29	< 1.05	43.7	< 2.16
	06/09/15	< 8.00	< 0.300	1.76	47.8	< 1.00	< 0.300	78.0	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-16	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-16D	04/05/12	< 81.8	< 1.11	1.63 J	< 37.6	< 0.29	< 1.05	49.8	< 2.16
	07/21/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.87	69.5	< 1.00	< 0.300	**285**	< 1.00
	05/22/18	< 82	< 0.24	0.50 J	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-17	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	8.2 J	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-17D	04/05/12	< 81.8	< 1.11	3.54 J	< 37.6	< 0.29	< 1.05	8.81 J	< 2.16
	07/18/12	< 81.8	< 1.11	0.875 J	< 37.6	< 0.29	< 1.05	6.61 J	< 2.16
	06/10/15	< 8.00	< 0.300	1.67	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	0.52 J	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-18	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	7.91 J	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-18D	04/05/12	< 81.8	< 1.11	31.4	< 37.6	< 0.29	< 1.05	93.6	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	53.8	< 2.16
	06/10/15	< 8.00	< 0.300	23.2	14.6	< 1.00	< 0.300	64.9	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	< 82	< 0.24	5.5	< 10	< 5.2	< 0.24	29.5	< 5.0
MW-19	04/05/12	< 81.8	< 1.11	< 74.2	< 37.6	190	< 1.05	**301**	< 2.16
	07/20/12	< 81.8	< 1.11	59	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	47.0	< 1.10	73.2	< 0.300	137	< 1.00
	05/22/18	< 82	< 0.24	25.0	< 10	16.1 J	< 0.24	49.7	< 5.0
	09/19/10	< 82	< 0.24	14.3	< 10	9.0 J	< 0.24	7.2 J	< 5.0

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-19D	04/05/12	< 81.8	< 1.11	5.71	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	5.22	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	1.22	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-20	07/18/12	< 164	< 2.22	< 0.210	< 75.2	51.2	< 2.1	420	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	719	714	< 0.300	**2,570**	< 1.00
	05/21/18	< 410	< 1.2	< 1.2	< 50	156	< 1.2	**675**	< 25
	09/17/19	< 410	< 1.2	< 1.2	< 50	532	1.8	**2,610**	< 25
MW-20 Dup	06/12/15	< 8.00	< 0.300	< 0.0800	909	865	< 0.300	**3,040**	< 1.00
MW-20D	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	46.2	2.09 J	66	< 2.16
	06/10/15	< 8.00	< 0.300	< 0.0800	< 1.10	55.6	< 0.300	45.5	< 1.00
	05/21/18	< 82	< 0.24	0.25 J	< 10	54.0	1.2 J	29.4	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
MW-21	07/18/12	< 8180	< 3760	< 10.5	< 3760	**16,300**	< 105	**32,100**	< 216
	06/21/15	< 8.00	< 0.300	< 0.0800	2,900	**16,100**	< 0.300	**11,200**	< 1.00
	05/21/18	Paved Over							
MW-21D	07/18/12	< 409	< 5.55	< 0.525	< 188	179	< 5.25	**670**	< 10.8
	06/10/15	< 8.00	< 0.300	< 0.0800	1,300	**2,290**	5.21	**6,830**	< 1.00
	05/21/18	< 160	< 0.47	1.3 J	< 20	**1,550**	2.5 J	**1,990**	< 10
	09/17/19	< 82	< 0.24	0.75 J	< 10	**1,070**	1.9	**887**	< 5.0
MW-22	07/18/12	< 164	< 2.22	< 0.21	< 75.2	27.2	< 2.1	163	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	845	617	< 0.300	**2,090**	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	0.86 J	< 10	**1,970**	1.2 J	**6,390**	< 5.0

TABLE 3A
GROUND WATER MONITORING WELL ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-22D	07/18/12	< 818	< 11.1	< 1.05	< 376	566	< 10.5	2,780	< 21.6
	06/10/15	< 8.00	< 0.300	< 0.0800	1,730	**2,610**	< 0.300	**5,300**	< 1.00
	05/21/18	< 2,000	< 5.9	18.6 J	< 250	**3,340**	< 6.1	**9,330**	< 130
	09/18/19	< 4100	< 12	< 12	< 500	**2,760**	< 12	**6,270**	< 250
RW-1	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
RW-2	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
PW-1	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/15	< 8.00	< 0.300	2.21	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 131	< 0.07	1.6	< 50	< 3.6	< 0.1	< 50	< 1.9
	09/19/19	< 98.8	< 3.7	1.9	< 62.0	< 27.3	< 3.5	< 53.9	< 24.7
PW-1 Dup	05/22/18	< 131	< 0.07	1.6	< 50	< 3.6	< 0.1	< 50	< 1.9
	09/19/19	< 98.8	< 3.7	1.8	< 62.0	< 27.3	< 3.5	< 53.9	< 24.7
PW-2	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/08/15	Not Sampled							
Field Blank	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/10/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/11/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	06/12/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
PW-1	05/22/18	< 131	< 0.07	< 0.12	< 50	< 3.6	< 0.1	< 50	< 1.9
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
PW-1	09/19/19	< 98.8	< 3.7	< 0.22	< 62.0	< 27.3	< 3.5	< 53.9	< 24.7
Trip Blank	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 131	< 0.07	< 0.12	< 50	< 3.6	< 0.1	< 50	< 1.9
	05/23/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
PW-1	09/19/19	< 98.8	< 3.7	< 0.22	< 62.0	< 27.3	< 3.5	< 53.9	< 24.7

Notes:
1) Results shown in boldface type indicate detected compounds.
2) µg/L - micrograms per liter or parts per billion
3) ALs- SCDHEC Action Levels for Oxygenate Compounds, dated November 2008.
4) NE - Not Established
6) J indicates an estimated value below the laboratory reporting limit
7) 8 Oxygenates abbreviated as:

ETBE = ethyl tert-butyl ether — *TAME = t-amyl methyl ether*
TBA = t-butanol — *1,2-DCA = 1,2-dichloroethane*
TBF = tert-butyl formate — *ETBA = ethyl tert-butanol*
DIPE = diisopropyl ether — *TAA = tert-amyl alcohol*

8) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

APPENDICES

Appendix B- Ground Water Sampling Logs and Laboratory Analytical Records

Appendix G - Disposal Manifests

Appendix K - SCDHEC QAPP Contractors Checklist

Note: Figure 3, Table 1, and select Appendices were omitted intentionally to adhere to the reporting format as required by the QAPP.

APPENDIX B

Ground Water Sampling Logs and Laboratory Analytical Reports

20-18 - 46.9
22 - 11 33.5

Terracon

WATER/PRODUCT LEVEL MEASUREMENT LOG

PROJECT NAME: Eddies Pit Stop
PROJECT NO.: 73098106
DATE: 9/17/19 - 9/18/19
EQUIPMENT USED: Interface Probe — R = Needs Repair or Replacement
FIELD PERSONNEL: WH — C = Completed Repair/ Replacement

Well Head Summary

Well ID	Depth to Water	Depth to Product	Product Thickness	Total Depth	Vault	Bolts	Lid	Lock/ Cap	ID Plate	Comments
MW-1	26.45									
MW-2	--									
MW-3	--									
MW-3D	--									
MW-4	27.85									
MW-5	--									could not locate well, brush in the way.
MW-6	20.43									
MW-7	--									
MW-8	19.74									
MW-8D	26.12									
MW-9	--									
MW-10	24.41									
MW-11	21.85									
MW-12	19.25									
MW-13	--									Well located under car
MW-14	20.41									
MW-15	20.00									
MW-15D	19.87									
MW-16	20.15									
MW-16D	20.00									
MW-17	19.70									
MW-17D	27.08									
MW-18	19.80									

Comments: MW-18D - 19.75

Terracon

WATER/PRODUCT LEVEL MEASUREMENT LOG

PROJECT NAME: Eddies Pit Stop
PROJECT NO.: 73098106
DATE:
EQUIPMENT USED: Interface Probe
FIELD PERSONNEL:

R = Needs Repair or Replacement
C = Completed Repair/ Replacement

Well Head Summary

	Well ID	Depth to Water	Depth to Product	Product Thickness	Total Depth	Vault	Bolts	Lid	Lock/ Cap	ID Plate	Comments
•	MW-19	19.48									
•	MW-19D	19.16									
•	MW-20	25.39									
•	MW-20D	26.85									
	MW-21	--									
•	MW-21D	26.59									
•	MW-22	24.90									
•	MW-22D	26.64									
2597	RW-1	--									
	RW-2	--									

Comments:

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 20D
Date:	9/17/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1105

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	26.85 ft.
Length of Water Column (LWC):	33.15 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	4650 / 3785.412 = Total Gallons: 1.22
Remarks:	

Field Analyses

Time	Initial	1040	1045	1050	1055	1100	1105
Flow Rate (measured):	150	150	150	150	150	150	150
Volume Purged (mL)	150	750	750	750	750	750	750
Cumlative Purge Total (mL)	150	900	1650	2400	3150	3900	4650
DTW	27.33	27.52	28.17	28.91	29.41	29.62	29.81
pH	5.91	5.83	5.84	5.86	5.81	5.83	5.80
Specific Conductivity (umhos/cm)	123.1	132.1	126.1	110.3	86.6	86.9	84.1
Water Temperature ©	23.1	23.4	22.5	22.6	22.9	22.7	22.8
Turbidity	17.1	17.0	20.1	18.2	19.1	19.3	15.1
Dissolved Oxygen (mg/L)	3.81	3.70	3.81	3.92	3.90	3.76	3.99

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 17
Date:	9/17/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1145

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	20-35 ft. BTOC
Depth to water:	19.70 ft.
Length of Water Column (LWC):	15.30 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98
Remarks:	

Field Analyses

Time	Initial	1120	1125	1130	1135	1140	1145
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	19.80	19.96	20.16	20.26	20.52	20.71	20.83
pH	4.47	4.51	4.46	4.49	4.46	4.46	4.41
Specific Conductivity (umhos/cm)	84.0	83.6	82.1	82.9	82.1	83.1	83.4
Water Temperature ©	22.2	21.8	21.9	21.8	21.7	21.7	21.8
Turbidity	21.0	20.7	20.2	20.1	20.1	20.0	20.8
Dissolved Oxygen (mg/L)	0.92	0.91	0.86	0.85	0.83	0.84	0.87

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 17D
Date:	9/17/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	sunny
Air Temperature:	86°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1220

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	27.68 ft.
Length of Water Column (LWC):	32.92 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98
Remarks:	

Field Analyses

	Initial	1155	1200	1205	1210	1215	1220
Time							
Flow Rate (measured):	120	120	120	120	120	126	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1926	2526	3126	3726
DTW	27.26	27.51	27.91	28.17	28.19	28.20	28.22
pH	5.57	5.58	5.71	5.82	5.70	5.63	5.64
Specific Conductivity (umhos/cm)	90.4	90.1	92.8	93.1	93.3	90.6	91.0
Water Temperature ©	21.4	21.6	21.6	21.4	21.7	21.6	22.0
Turbidity	20.1	14.2	17.1	18.3	19.0	19.1	19.4
Dissolved Oxygen (mg/L)	4.10	3.82	4.41	4.37	4.23	3.82	3.81

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 6
Date:	9/17/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	88°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1325

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	25-35 ft. BTOC
Depth to water:	20.43 ft.
Length of Water Column (LWC):	15.43 ft.
Casing Diameter:	2 in.

Total Volume Purged (mL) 3720 / 3785.412 = Total Gallons: 0.98 gal

Remarks:

Field Analyses

	Initial	1306	1305	1310	1315	1320	1325
Time							
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	20.51	20.62	21.01	21.43	22.00	22.41	22.73
pH	4.81	4.84	4.84	4.79	4.82	4.81	4.84
Specific Conductivity (umhos/cm)	101.0	101.9	106.2	100.2	102.2	102.0	101.0
Water Temperature ©	22.1	22.4	22.3	21.8	21.5	22.4	22.0
Turbidity	19.0	14.1	14.3	16.6	17.3	12.1	13.6
Dissolved Oxygen (mg/L)	3.41	3.49	3.48	3.88	3.71	3.40	3.41

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 20
Date:	9/17/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1405

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	25-35 ft. BTOC
Depth to water:	25.39 ft.
Length of Water Column (LWC):	10.39 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	4030 / 3785.412 = Total Gallons: 1.06
Remarks:	

Field Analyses

Time	Initial	1340	1345	1350	1355	1400	1405
Flow Rate (measured):	130	130	130	130	130	130	130
Volume Purged (mL)	130	650	650	650	650	650	650
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	25.54	25.60	25.71	26.21	26.81	27.10	27.32
pH	5.44	5.45	5.46	5.48	5.53	5.48	5.49
Specific Conductivity (umhos/cm)	149.8	153.0	150.1	151.0	158.1	153.4	155.0
Water Temperature ©	25.9	23.1	22.1	22.3	22.8	22.7	22.5
Turbidity	110	101	96.1	90.1	17.3	16.1	10.3
Dissolved Oxygen (mg/L)	1.09	1.04	1.02	1.08	1.09	1.12	1.20

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 21D
Date:	9/17/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1445

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-66 ft. BTOC
Depth to water:	26.59 ft.
Length of Water Column (LWC):	33.41 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	4030 / 3785.412 = Total Gallons: 1.06
Remarks:	

Field Analyses

Time	Initial	1420	1425	1430	1435	1440	1445
Flow Rate (measured):	130	130	130	130	130	130	130
Volume Purged (mL)	130	650	650	650	650	650	650
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	26.59	26.70	26.81	27.41	28.19	28.71	29.13
pH	7.66	7.61	7.66	7.91	7.78	7.80	7.70
Specific Conductivity (umhos/cm)	304.1	305.3	301.1	307.0	304.1	303.6	301.0
Water Temperature ©	24.1	24.6	24.0	22.6	22.7	22.5	22.3
Turbidity	38.0	27.0	32.0	30.1	25.1	32.3	30.1
Dissolved Oxygen (mg/L)	0.91	0.93	0.90	0.94	0.92	0.91	0.80

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 22D
Date:	9/17/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	88°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1525

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	26.64 ft.
Length of Water Column (LWC):	33.36 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	4030 / 3785.412 = Total Gallons: 1.06
Remarks:	

Field Analyses

Time	Initial	1500	1505	1510	1515	1520	1525
Flow Rate (measured):	130	130	130	130	130	130	130
Volume Purged (mL)	130	650	250	650	650	650	650
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	26.85	27.12	27.59	27.83	28.10	28.46	28.65
pH	6.29	6.31	6.41	6.52	5.90	5.83	5.87
Specific Conductivity (umhos/cm)	91.8	92.3	91.1	90.3	94.8	94.8	95.9
Water Temperature ©	23.1	22.9	22.7	22.8	22.8	22.6	21.9
Turbidity	36.3	34.0	35.6	37.1	30.1	34.1	27.9
Dissolved Oxygen (mg/L)	0.81	0.72	0.71	0.70	0.49	0.51	0.50

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 22
Date:	9/18/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	80°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	10:10

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	25-35 ft. BTOC
Depth to water:	26.59 ft.
Length of Water Column (LWC):	8.41 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	4340 / 3785.412 = Total Gallons: 1.14 gal
Remarks:	

Field Analyses

Time	Initial	0945	0950	0955	1000	1005	1010
Flow Rate (measured):	140	140	140	140	140	140	140
Volume Purged (mL)	140	700	700	700	700	700	700
Cumlative Purge Total (mL)	140	840	1540	2240	2940	3640	4340
DTW	26.71	26.89	26.99	27.12	27.21	27.29	27.34
pH	5.23	5.24	5.26	5.27	5.24	5.27	5.31
Specific Conductivity (umhos/cm)	91.1	93.1	94.1	95.6	95.0	94.7	95.9
Water Temperature ©	20.6	20.1	20.3	20.2	20.5	21.0	21.1
Turbidity	21.4	20.4	27.9	22.7	24.0	23.1	24.1
Dissolved Oxygen (mg/L)	2.39	2.34	2.31	2.26	2.10	2.12	2.18

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 10
Date:	9/18/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	79°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1050

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	25-35 ft. BTOC
Depth to water:	24.41 ft.
Length of Water Column (LWC):	11.01 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3726 / 3785.412 = Total Gallons: 0.98 gal
Remarks:	

Field Analyses

Time	Initial	1025	1030	1035	1040	1045	1050
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3726
DTW	24.41	24.60	24.69	24.89	25.07	25.12	25.23
pH	5.09	5.01	4.98	4.99	5.01	5.07	5.04
Specific Conductivity (umhos/cm)	102.6	102.3	100.1	103.9	101.1	103.1	102.7
Water Temperature ©	20.8	20.1	20.6	20.7	20.4	21.0	21.2
Turbidity	24.3	19.1	18.7	21.4	21.6	22.6	21.5
Dissolved Oxygen (mg/L)	1.44	1.41	1.40	1.51	1.56	1.48	1.51

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 10
Date:	9/18/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	sunny
Air Temperature:	790
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1145

Total Well Depth (Measured):	32 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	17-32 ft. BTOC
Depth to water:	20.15 ft.
Length of Water Column (LWC):	12.85 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL) 3720 / 3785.412 = Total Gallons:	0.98 gal
Remarks:	

Field Analyses

Time	Initial	1120	1125	1130	1135	1140	1145
Flow Rate (measured):	120	120	126	126	120	126	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	20.19	20.31	20.52	20.67	20.89	21.12	21.31
pH	5.00	5.01	5.07	4.97	4.99	5.01	5.07
Specific Conductivity (umhos/cm)	105.1	103.2	102.3	103.9	104.7	106.7	107.5
Water Temperature ©	20.1	20.3	20.2	20.7	21.8	21.0	21.2
Turbidity	21.3	21.3	27.3	30.7	30.1	32.3	27.3
Dissolved Oxygen (mg/L)	4.51	4.50	4.40	4.31	4.30	4.27	4.29

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 16D
Date:	9/18/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	sunny
Air Temperature:	80°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1225

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	20.60 ft.
Length of Water Column (LWC):	40.40 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98
Remarks:	

Field Analyses

Time	Initial	1200	1205	1210	1215	1220	1225
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	20.71	20.90	21.01	21.21	21.39	21.43	21.56
pH	5.03	5.00	5.07	5.09	5.04	5.01	4.98
Specific Conductivity (umhos/cm)	105.2	104.3	106.1	105.3	101.1	100.2	103.1
Water Temperature ©	20.1	20.2	20.1	20.6	20.4	20.3	20.1
Turbidity	31.3	30.3	26.1	25.0	26.1	21.6	30.1
Dissolved Oxygen (mg/L)	3.91	3.90	3.94	4.01	3.80	3.87	3.91

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 11
Date:	9/18/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	sunny
Air Temperature:	80°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1325

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	19.5-34.5 ft. BTOC
Depth to water:	21.85 ft.
Length of Water Column (LWC):	12.65 ft.
Casing Diameter:	2 in.

Total Volume Purged (mL) 3720 / 3785.412 = Total Gallons: 0.98 gal

Remarks:

Field Analyses

Time	Initial	1300	1305	1310	1315	1320	1325
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	21.95	22.10	22.24	22.31	22.40	22.47	22.59
pH	4.86	4.87	4.81	4.85	4.86	4.85	4.85
Specific Conductivity (umhos/cm)	104.7	105.6	101.4	102.3	104.7	102.7	102.6
Water Temperature ©	19.3	19.2	19.4	19.7	19.5	19.4	19.2
Turbidity	21.0	26.0	24.1	19.7	27.9	26.1	24.0
Dissolved Oxygen (mg/L)	1.30	1.21	1.27	1.23	1.29	1.32	1.30

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 15
Date:	9/18/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	sunny
Air Temperature:	80°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1410

Total Well Depth (Measured):	32 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	17-32 ft. BTOC
Depth to water:	20.00 ft.
Length of Water Column (LWC):	12.00 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL) 4030	/ 3785.412 = Total Gallons: 1.06 gal
Remarks:	

Field Analyses

	Initial						
Time		1345	1350	1355	1400	1405	1410
Flow Rate (measured):	130	130	130	130	130	130	130
Volume Purged (mL)	130	650	650	650	650	650	650
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	20.05	20.08	20.22	20.40	20.63	20.80	21.04
pH	5.83	5.86	5.81	5.83	5.81	5.80	5.81
Specific Conductivity (umhos/cm)	162.7	160.1	161.0	164.1	155.0	158.1	155.4
Water Temperature ©	18.6	18.7	19.0	19.1	18.1	18.4	18.1
Turbidity	29.9	30.1	28.2	28.1	28.0	20.7	27.1
Dissolved Oxygen (mg/L)	2.81	2.80	2.78	2.72	2.61	2.63	2.58

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 15D
Date:	9/18/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	80°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1445

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	19.97 ft.
Length of Water Column (LWC):	40.03 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	4030 / 3785.412 = Total Gallons: 1.06
Remarks:	

Field Analyses

Time	Initial	1420	1425	1430	1435	1440	1445
Flow Rate (measured):	130	130	130	130	130	130	130
Volume Purged (mL)	130	650	650	650	650	650	650
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	20.20	20.34	20.41	20.49	20.52	20.56	20.60
pH	5.40	5.61	5.50	5.51	5.51	5.49	5.48
Specific Conductivity (umhos/cm)	115.3	112.1	114.3	115.3	116.5	115.7	117.3
Water Temperature ©	18.0	18.1	17.7	17.9	18.2	18.0	18.1
Turbidity	20.4	19.1	20.3	20.9	20.1	22.7	23.1
Dissolved Oxygen (mg/L)	4.81	4.78	4.70	4.17	4.18	4.07	4.16

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 14
Date:	9/18/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	sunny
Air Temperature:	80°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1525

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	20-35 ft. BTOC
Depth to water:	20.41 ft.
Length of Water Column (LWC):	14.59 ft.
Casing Diameter:	2 in.

Total Volume Purged (mL) 3720 / 3785.412 = Total Gallons: 0.98 gal

Remarks:

Field Analyses

	Initial	1500	1505	1510	1515	1520	1525
Time							
Flow Rate (measured):	120	120	120	120	120	120	126
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	20.45	20.64	20.85	21.04	21.27	21.50	21.70
pH	6.14	6.10	6.01	6.02	6.01	6.02	6.01
Specific Conductivity (umhos/cm)	340.7	344.8	233.1	220.7	219.0	224.1	220.3
Water Temperature ©	17.4	18.0	17.9	18.1	18.1	18.2	18.1
Turbidity	171	180	44.4	40.4	40.1	32.1	32.0
Dissolved Oxygen (mg/L)	2.05	2.10	2.51	2.43	2.40	2.41	2.40

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 8
Date:	9/18/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	80°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1605

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	25-35 ft. BTOC
Depth to water:	19.74 ft.
Length of Water Column (LWC):	15.26 ft.
Casing Diameter:	2 in.

Total Volume Purged (mL) 3720 / 3785.412 = Total Gallons: 0.98 gal

Remarks:

Field Analyses

Time	Initial	1540	1545	1550	1555	1600	1605
Flow Rate (measured):	126	126	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	126	726	1326	1920	2520	3120	3720
DTW	19.80	19.89	20.12	20.28	20.37	20.46	20.58
pH	6.01	5.84	5.82	5.86	5.91	5.80	5.78
Specific Conductivity (umhos/cm)	123.6	119.9	141.3	137.8	132.4	146.3	140.1
Water Temperature ©	21.0	20.8	20.7	20.9	21.0	20.4	20.6
Turbidity	19.3	20.4	24.1	23.3	22.8	21.3	20.4
Dissolved Oxygen (mg/L)	2.01	2.10	2.16	2.16	2.14	2.21	2.17

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 18
Date:	9/19/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	72°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1105

Total Well Depth (Measured):	32 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	17 - 32 ft. BTOC
Depth to water:	19.80 ft.
Length of Water Column (LWC):	12.2 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98
Remarks:	

Field Analyses

Time	Initial	1040	1045	1050	1055	1100	1105
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	19.90	20.01	20.17	20.41	20.56	20.70	20.85
pH	5.81	5.83	5.80	5.42	5.41	5.61	5.60
Specific Conductivity (umhos/cm)	123.9	122.1	125.4	120.1	100.3	91.3	92.1
Water Temperature ©	17.7	17.8	17.4	17.3	17.1	17.2	17.2
Turbidity	42.1	43.7	31.2	29.6	30.1	31.0	29.0
Dissolved Oxygen (mg/L)	2.80	2.71	2.73	2.91	2.84	2.92	2.86

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 18D
Date:	9/19/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	750
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1140

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	19.75 ft.
Length of Water Column (LWC):	40.25 ft.
Casing Diameter:	2 in.

Total Volume Purged (mL) 3720 / 3785.412 = Total Gallons: 0.98 gal

Remarks: turned pump down at 11.30 because drawdown was too quick

Field Analyses

	Initial	1115	1120	1125	1130	1135	1140
Time							
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	20.16	20.36	20.55	20.78	21.89	21.99	21.99
pH	6.18	6.10	6.09	6.31	6.23	6.37	6.29
Specific Conductivity (umhos/cm)	155.1	158.3	155.0	156.1	158.3	159.3	160.1
Water Temperature ©	17.7	17.8	17.7	17.7	17.8	17.7	17.8
Turbidity	109	101.3	82.1	61.3	45.1	40.2	40.1
Dissolved Oxygen (mg/L)	2.81	2.83	2.86	2.88	2.91	2.97	2.98

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 12 + DUP
Date:	9/19/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	72°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1225

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	25-35 ft. BTOC
Depth to water:	19.25 ft.
Length of Water Column (LWC):	15.75 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98 gal
Remarks:	

Field Analyses

Time	Initial	1200	1205	1210	1215	1220	1225
Flow Rate (measured):	120	120	120	126	120	120	120
Volume Purged (mL)	120	600	2050	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	19.35	19.50	19.82	19.92	19.94	19.96	19.99
pH	5.95	6.01	6.04	6.05	6.05	6.06	6.08
Specific Conductivity (umhos/cm)	259.5	260.1	261.3	262.1	263.1	262.1	263.9
Water Temperature ©	18.4	18.4	17.9	18.1	18.0	18.1	18.2
Turbidity	43.8	40.1	36.1	32.4	21.4	24.6	26.8
Dissolved Oxygen (mg/L)	2.22	2.20	2.51	2.43	2.21	2.43	2.40

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 19
Date:	9/19/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	70°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1315

Total Well Depth (Measured):	32 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	17.5-27.5 ft. BTOC
Depth to water:	19.78 ft.
Length of Water Column (LWC):	8.02 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98
Remarks:	

Field Analyses

Time	Initial	1250	1255	1300	1305	1310	1315
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	19.55	19.67	19.78	19.90	20.07	20.23	20.40
pH	5.71	5.72	5.70	5.64	5.61	5.62	5.64
Specific Conductivity (umhos/cm)	166.5	164.2	164.3	165.1	139.3	130.1	123.1
Water Temperature ©	18.0	18.1	18.1	18.0	17.8	17.7	17.7
Turbidity	25.9	24.6	24.9	25.1	19.3	18.1	16.7
Dissolved Oxygen (mg/L)	3.18	3.16	3.10	3.09	3.19	3.21	3.23

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 19D
Date:	9/19/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	sunny
Air Temperature:	73°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1350

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	19.16 ft.
Length of Water Column (LWC):	40.84 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: .98
Remarks:	

Field Analyses

Time	Initial	1325	1330	1335	1340	1345	1350
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	19.30	19.68	20.07	20.34	20.47	21.01	21.21
pH	6.76	6.23	6.24	6.42	6.58	6.51	6.54
Specific Conductivity (umhos/cm)	180.9	183.1	182.2	183.1	184.2	184.9	185.5
Water Temperature ©	18.1	17.8	18.1	18.1	18.1	18.3	18.2
Turbidity	33.6	30.1	26.7	24.1	20.3	19.1	19.0
Dissolved Oxygen (mg/L)	3.21	3.22	3.23	3.01	3.14	3.02	2.96

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 8D
Date:	9/19/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	sunny
Air Temperature:	68°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	~~1536~~ 1550

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	26.12 ft.
Length of Water Column (LWC):	33.88 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	4030 / 3785.412 = Total Gallons: 1.06
Remarks:	couldn't stop water drawdown, tried slowing pump down

Field Analyses

Time	Initial	1525	1530	1535	1540	1545	1550
Flow Rate (measured):	130	130	130	130	130	130	130
Volume Purged (mL)	130	650	650	650	650	650	650
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	26.25	26.51	27.00	27.61	28.21	28.47	28.61
pH	5.95	5.93	5.87	5.91	5.96	5.96	5.97
Specific Conductivity (umhos/cm)	163.8	164.2	163.4	165.3	166.4	166.3	166.2
Water Temperature ©	18.0	18.5	18.1	18.3	18.2	18.2	18.4
Turbidity	41.3	40.1	36.1	32.4	34.1	36.3	30.4
Dissolved Oxygen (mg/L)	1.07	1.03	1.56	1.51	1.61	1.58	1.55

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 1
Date:	9/19/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	70°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1625

Total Well Depth (Measured):	43 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	33-43 ft. BTOC
Depth to water:	26.45 ft.
Length of Water Column (LWC):	16.55 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL) 4030	/ 3785.412 = Total Gallons: 1.06
Remarks:	

Field Analyses

Time	Initial	1600	1605	1610	1615	1620	1625
Flow Rate (measured):	130	130	130	130	130	130	130
Volume Purged (mL)	130	650	650	650	650	650	650
Cumlative Purge Total (mL)	130	780	1480	2080	2730	3380	4030
DTW	26.39	26.75	26.96	27.21	27.46	27.69	28.01
pH	5.62	5.71	5.68	5.67	5.69	5.64	5.64
Specific Conductivity (umhos/cm)	193.4	194.5	193.7	192.1	190.3	192.0	190.1
Water Temperature ©	22.2	22.1	22.3	22.0	21.6	21.7	21.6
Turbidity	39.6	40.1	38.0	34.1	28.3	34.1	34.6
Dissolved Oxygen (mg/L)	2.29	2.31	2.36	2.30	2.19	2.23	2.24

Terracon

Groundwater Sampling Log

Well ID:	18871/ MW- 4 + DUP
Date:	9/19/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	70°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1700

Total Well Depth (Measured):	49 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	34-49 ft. BTOC
Depth to water:	27.85 ft.
Length of Water Column (LWC):	21.15 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL) 4030 / 3785.412 = Total Gallons:	1.06 gal
Remarks:	

Field Analyses

Time	Initial	1635	1640	1645	1650	1655	1700
Flow Rate (measured):	130	130	130	130	130	130	130
Volume Purged (mL)	130	650	650	650	650	650	250
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	27.89	27.94	28.01	28.31	28.56	28.72	29.00
pH	5.46	5.47	5.39	5.55	5.46	5.47	5.45
Specific Conductivity (umhos/cm)	108.8	108.9	106.1	114.3	112.1	110.3	109.8
Water Temperature ©	21.4	21.3	21.3	20.8	20.8	20.9	20.8
Turbidity	54.5	51.2	48.3	46.1	45.1	44.3	45.0
Dissolved Oxygen (mg/L)	2.05	2.00	1.96	2.81	2.80	2.85	2.84

Terracon

Groundwater Sampling Log

Well ID:	18871/ ~~MW-~~ PW-1
Date:	9/19/19
Site Name:	Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	75°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1450

Total Well Depth (Measured):	ft. BTOC
Measured: Yes / (No)	Circle One
Screen Interval	— ft. BTOC
Depth to water:	23.48 ft.
Length of Water Column (LWC):	— ft.
Casing Diameter:	— in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98
Remarks:	

Field Analyses

Time	Initial	1425	1430	1435	1440	1445	1450
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	23.49						
pH	6.82	6.84	6.80	6.89	6.87	6.90	6.71
Specific Conductivity (umhos/cm)	224.9	220.6	220.1	223.6	230.1	221.1	223.7
Water Temperature ©	18.2	18.1	18.1	18.1	18.0	18.1	18.2
Turbidity	36.7	34.1	32.3	37.1	34.6	32.7	31.6
Dissolved Oxygen (mg/L)	1.52	1.49	1.50	1.52	1.61	1.63	1.67

EQUIPMENT CALIBRATION LOG

Terracon

Site Eddies pit stop

Date: 9/17/19

Parameter / Meter:	Standard	Measurement	Pre	During	Post
			Time: 0930	Time: 1300	Time: 1730
PH, Specific Conductivity, Temperature YSI 1030 Pro Plus: (Serial No.14J00399)	4/7/10	Initial	4,06 7.01 9.98	7.01	4.01 6.98 10.01
		Post Calibration	4 / 7 / 10	7	4 / 7 / 10
	Calibration Successful: Y / N		(Y) / N	(Y) N	(Y) / N
	1413 µs/cm	Initial	1369		1391
		Post Calibration	1413		1413
	Calibration Successful: Y / N		(Y) / N	Y / N	(Y) N
Dissolved Oxygen YSI 1030 Pro Plus: (Serial No.14J00399)	Elevation at 100% Relative Humidity	Site Elevation: 656	8.6 mg/L	mg/L	9.3 mg/L
Turbidity ~~LaMotte~~ Hach (Serial No.4018-0703)	~~0.0 ntu / 10.0 ntu~~ 20/100/800	Initial	20.1 / 100.1 / 799		20.1 / 107 / 801
		Post Calibration	20 / 100 / 801		20 / 100 / 800
	Calibration Successful (Y) N				

Comments:

Technician: Walker Hinson

Signature:

EQUIPMENT CALIBRATION LOG

Terracon

Site Eddies Pit Stop

Date: 9/18/19

Parameter / Meter:	Standard	Measurement	Pre	During	Post
			Time: 9:00	Time: 12:00	Time: 1730
PH, Specific Conductivity, Temperature YSI 1030 Pro Plus: (Serial No.14J00399)	4/7/10	Initial	4.04 / 7.12 / 9.89	4.01 / 7.05 / 9.90	4.03 / 6.98 / 9.99
		Post Calibration	4 / 7 / 10	4 / 7 / 10	4 / 7 / 10
	Calibration Successful: Y / N		(Y) / N	(Y) / N	(Y) / N
	1413 µs/cm	Initial	1367	1372	1420
		Post Calibration	1413	1413	1413
	Calibration Successful: Y / N		(Y) / N	(Y) / N	(Y) / N
Dissolved Oxygen YSI 1030 Pro Plus: (Serial No.14J00399)	Elevation at 100% Relative Humidity	Site Elevation: 650	8.3 mg/L	8.9 mg/L	8.7 mg/L
Turbidity ~~LaMotte~~ Hach (Serial No.4018-0703)	~~0.0 ntu / 10.0 ntu~~ 20/100/800	Initial	20.5/100.2/800	19.4/99.7/798.1	19.3/99.5/799
		Post Calibration	20/100/800	20/100/800	20/100/800
	Calibration Successful: (Y) / N				

Comments:

Technician: Walter Hinson

Signature: Walter Hinson

EQUIPMENT CALIBRATION LOG

Terracon

Site Eddie's P.t Stop

Date: 9/19/19

Parameter / Meter:	Standard	Measurement	Pre	During	Post
PH, Specific Conductivity, Temperature YSI 1030 Pro Plus: (Serial No.14J00399)			Time: 9:30	Time: 13:00	Time: 17:30
	4/7/10	Initial	3.85 / 6.97 / 10.2	4.15 / 7.11 / 9.87	4.01 / 7.20 / 9.94
		Post Calibration	4 / 7 / 10	4 / 7 / 10	4 / 7 / 10
	Calibration Successful: Y / N		(Y) / N	(Y) / N	(Y) / N
	1413 µs/cm	Initial	1383	1399	1401
		Post Calibration	1413	1413	1413
	Calibration Successful: Y / N		(Y) / N	(Y) / N	(Y) / N
Dissolved Oxygen YSI 1030 Pro Plus: (Serial No.14J00399)	Elevation at 100% Relative Humidity	Site Elevation: 650	8.1 mg/L	8.7 mg/L	8.4 mg/L
Turbidity ~~LaMotte~~ Hach (Serial No.4018-0703)	~~0.0 ntu / 10.0 ntu~~ 20/100/800	Initial	20.2 / 101 / 798	20.1 / 99.7 / 794.3	19.1 / 104.1 / 795
		Post Calibration	20/100/800	20/100/800	20/100/800
	Calibration Successful: ~~Y~~ / N				

Comments:

Technician: Walker Hinson

Signature:

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Terracon Consulting

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

18871

SGS Job Number: FA68265

Sampling Dates: 09/17/19 - 09/19/19

Report to:

Terracon Consulting
521 Clemson Rd
Columbia, SC 29229
regan.norris@terracon.com

ATTN: Regan Norris

Total number of pages in report: **105**

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: Allison Losada 407-425-6700

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

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SGS North America Inc.

Sample Summary

Terracon Consulting

Job No: FA68265

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Project No: 18871

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA68265-1	09/17/19	11:05	WH	09/21/19	AQ	Ground Water	18871/MW-20D
FA68265-2	09/17/19	11:45	WH	09/21/19	AQ	Ground Water	18871/MW-17
FA68265-3	09/17/19	12:20	WH	09/21/19	AQ	Ground Water	18871/MW-17D
FA68265-4	09/17/19	13:25	WH	09/21/19	AQ	Ground Water	18871/MW-6
FA68265-5	09/17/19	14:05	WH	09/21/19	AQ	Ground Water	18871/MW-20
FA68265-6	09/17/19	14:45	WH	09/21/19	AQ	Ground Water	18871/MW-21D
FA68265-7	09/17/19	15:25	WH	09/21/19	AQ	Ground Water	18871/MW-22D
FA68265-8	09/17/19	15:35	WH	09/21/19	AQ	Field Blank Water	18871/FIELD BLANK
FA68265-9	09/18/19	10:10	WH	09/21/19	AQ	Ground Water	18871/MW-22
FA68265-10	09/18/19	10:50	WH	09/21/19	AQ	Ground Water	18871/MW-10
FA68265-11	09/18/19	11:45	WH	09/21/19	AQ	Ground Water	18871/MW-16
FA68265-12	09/18/19	12:25	WH	09/21/19	AQ	Ground Water	18871/MW-16D
FA68265-13	09/18/19	13:25	WH	09/21/19	AQ	Ground Water	18871/MW-11

Sample Summary
(continued)

Terracon Consulting

Job No: FA68265

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Project No: 18871

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA68265-14	09/18/19	14:10	WH	09/21/19	AQ	Ground Water	18871/MW-15
FA68265-15	09/18/19	14:45	WH	09/21/19	AQ	Ground Water	18871/MW-15D
FA68265-16	09/18/19	15:25	WH	09/21/19	AQ	Ground Water	18871/MW-14
FA68265-17	09/18/19	16:05	WH	09/21/19	AQ	Ground Water	18871/MW-8
FA68265-18	09/18/19	16:15	WH	09/21/19	AQ	Field Blank Water	18871/FIELD BLANK
FA68265-19	09/19/19	11:05	WH	09/21/19	AQ	Ground Water	18871/MW-18
FA68265-20	09/19/19	11:40	WH	09/21/19	AQ	Ground Water	18871/MW-18D
FA68265-21	09/19/19	12:25	WH	09/21/19	AQ	Ground Water	18871/MW-12
FA68265-22	09/19/19	12:25	WH	09/21/19	AQ	Ground Water	18871/MW-12 DUP
FA68265-23	09/19/19	13:15	WH	09/21/19	AQ	Ground Water	18871/MW-19
FA68265-24	09/19/19	13:50	WH	09/21/19	AQ	Ground Water	18871/MW-19D
FA68265-25	09/19/19	15:50	WH	09/21/19	AQ	Ground Water	18871/MW-8D
FA68265-26	09/19/19	16:25	WH	09/21/19	AQ	Ground Water	18871/MW-1

Sample Summary
(continued)

Terracon Consulting

Job No: FA68265

Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Project No: 18871

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FA68265-27	09/19/19	17:00	WH	09/21/19	AQ	Ground Water	18871/MW-4
FA68265-28	09/19/19	17:00	WH	09/21/19	AQ	Ground Water	18871/MW-4 DUP
FA68265-29	09/19/19	17:10	WH	09/21/19	AQ	Field Blank Water	18871/FIELD BLANK
FA68265-30	09/17/19	00:00	WH	09/21/19	AQ	Trip Blank Water	18871/TRIP BLANK

Summary of Hits

Job Number: FA68265
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 09/17/19 thru 09/19/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA68265-1	**18871/MW-20D**					
No hits reported in this sample.						
FA68265-2	**18871/MW-17**					
No hits reported in this sample.						
FA68265-3	**18871/MW-17D**					
No hits reported in this sample.						
FA68265-4	**18871/MW-6**					
No hits reported in this sample.						
FA68265-5	**18871/MW-20**					
Benzene		2700	50	16	ug/l	SW846 8260B
Toluene		9.1	5.0	1.5	ug/l	SW846 8260B
Ethylbenzene		615	50	18	ug/l	SW846 8260B
Xylene (total)		1220	15	3.6	ug/l	SW846 8260B
Methyl Tert Butyl Ether		142	5.0	1.1	ug/l	SW846 8260B
Naphthalene		168	25	5.0	ug/l	SW846 8260B
1,2-Dichloroethane		36.2	5.0	1.6	ug/l	SW846 8260B
Tert-Amyl Alcohol		2610	100	26	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		1.8 J	10	1.2	ug/l	SW846 8260B
Tert-Butyl Alcohol		532	100	27	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.91	0.019	0.0097	ug/l	SW846 8011
FA68265-6	**18871/MW-21D**					
Benzene		23.6	1.0	0.31	ug/l	SW846 8260B
Toluene		7.2	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		2.3	1.0	0.36	ug/l	SW846 8260B
Xylene (total)		8.0	3.0	0.72	ug/l	SW846 8260B
Methyl Tert Butyl Ether		173	5.0	1.1	ug/l	SW846 8260B
1,2-Dichloroethane		7.3	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		0.75 J	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		887	100	26	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		1.9 J	2.0	0.24	ug/l	SW846 8260B
Tert-Butyl Alcohol		1070	100	27	ug/l	SW846 8260B

Summary of Hits

Job Number: FA68265
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 09/17/19 thru 09/19/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA68265-7	**18871/MW-22D**					
Benzene		2780	50	16	ug/l	SW846 8260B
Toluene		47.3 J	50	15	ug/l	SW846 8260B
Ethylbenzene		400	50	18	ug/l	SW846 8260B
Xylene (total)		470	150	36	ug/l	SW846 8260B
Methyl Tert Butyl Ether		195	50	11	ug/l	SW846 8260B
Naphthalene		127 J	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		62.9	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		6270	1000	260	ug/l	SW846 8260B
Tert-Butyl Alcohol		2760	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		1.3	0.039	0.020	ug/l	SW846 8011
FA68265-8	**18871/FIELD BLANK**					
No hits reported in this sample.						
FA68265-9	**18871/MW-22**					
Benzene		4870	100	31	ug/l	SW846 8260B
Toluene		68.9	1.0	0.30	ug/l	SW846 8260B
Ethylbenzene		818	50	18	ug/l	SW846 8260B
Xylene (total)		2570	150	36	ug/l	SW846 8260B
Naphthalene		297	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		81.3	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		0.86 J	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		6390	1000	260	ug/l	SW846 8260B
Tert-Amyl Methyl Ether		1.2 J	2.0	0.24	ug/l	SW846 8260B
Tert-Butyl Alcohol		1970	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		7.0	0.19	0.097	ug/l	SW846 8011
FA68265-10	**18871/MW-10**					
Benzene		2640	50	16	ug/l	SW846 8260B
Ethylbenzene		733	50	18	ug/l	SW846 8260B
Xylene (total)		1810	150	36	ug/l	SW846 8260B
Naphthalene		388	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		41.6 J	50	16	ug/l	SW846 8260B
Tert-Amyl Alcohol		2220	1000	260	ug/l	SW846 8260B
Tert-Butyl Alcohol		1190	1000	270	ug/l	SW846 8260B
1,2-Dibromoethane [a]		1.0	0.039	0.019	ug/l	SW846 8011
FA68265-11	**18871/MW-16**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA68265
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 09/17/19 thru 09/19/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA68265-12	**18871/MW-16D**					
No hits reported in this sample.						
FA68265-13	**18871/MW-11**					
No hits reported in this sample.						
FA68265-14	**18871/MW-15**					
Benzene		3.2	1.0	0.31	ug/l	SW846 8260B
1,2-Dichloroethane		1.4	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		1.3	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		120	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		10.5 J	20	5.3	ug/l	SW846 8260B
FA68265-15	**18871/MW-15D**					
No hits reported in this sample.						
FA68265-16	**18871/MW-14**					
Benzene		16.0	1.0	0.31	ug/l	SW846 8260B
Ethylbenzene		10.6	1.0	0.36	ug/l	SW846 8260B
Xylene (total)		1.3 J	3.0	0.72	ug/l	SW846 8260B
Naphthalene		3.5 J	5.0	1.0	ug/l	SW846 8260B
1,2-Dichloroethane		2.7	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		3.8	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		275	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		19.9 J	20	5.3	ug/l	SW846 8260B
FA68265-17	**18871/MW-8**					
Benzene		605	10	3.1	ug/l	SW846 8260B
Toluene		9.0 J	10	3.0	ug/l	SW846 8260B
Ethylbenzene		1230	20	7.1	ug/l	SW846 8260B
Xylene (total)		1460	30	7.2	ug/l	SW846 8260B
Naphthalene		609	50	10	ug/l	SW846 8260B
Tert-Amyl Alcohol		621	200	53	ug/l	SW846 8260B
FA68265-18	**18871/FIELD BLANK**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA68265
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 09/17/19 thru 09/19/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA68265-19	**18871/MW-18**					
Benzene		0.45 J	1.0	0.31	ug/l	SW846 8260B
Ethylbenzene		0.61 J	1.0	0.36	ug/l	SW846 8260B
FA68265-20	**18871/MW-18D**					
Benzene		0.79 J	1.0	0.31	ug/l	SW846 8260B
1,2-Dichloroethane		4.3	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		5.5	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		29.5	20	5.3	ug/l	SW846 8260B
FA68265-21	**18871/MW-12**					
Benzene		4510	50	16	ug/l	SW846 8260B
Toluene		96.1	50	15	ug/l	SW846 8260B
Ethylbenzene		805	50	18	ug/l	SW846 8260B
Xylene (total)		1600	150	36	ug/l	SW846 8260B
Naphthalene		303	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		25.6 J	50	16	ug/l	SW846 8260B
Di-Isopropyl Ether		30.4 J	50	12	ug/l	SW846 8260B
Tert-Amyl Alcohol		2940	1000	260	ug/l	SW846 8260B
FA68265-22	**18871/MW-12 DUP**					
Benzene		4480	50	16	ug/l	SW846 8260B
Toluene		97.0	50	15	ug/l	SW846 8260B
Ethylbenzene		802	50	18	ug/l	SW846 8260B
Xylene (total)		1590	150	36	ug/l	SW846 8260B
Naphthalene		303	250	50	ug/l	SW846 8260B
1,2-Dichloroethane		27.0 J	50	16	ug/l	SW846 8260B
Di-Isopropyl Ether		28.2 J	50	12	ug/l	SW846 8260B
Tert-Amyl Alcohol		3100	1000	260	ug/l	SW846 8260B
FA68265-23	**18871/MW-19**					
1,2-Dichloroethane		35.6	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		14.3	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		7.2 J	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		9.0 J	20	5.3	ug/l	SW846 8260B
FA68265-24	**18871/MW-19D**					
No hits reported in this sample.						

Summary of Hits

Job Number: FA68265
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 09/17/19 thru 09/19/19

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
FA68265-25	**18871/MW-8D**					
Methyl Tert Butyl Ether		0.62 J	1.0	0.23	ug/l	SW846 8260B
1,2-Dichloroethane		0.76 J	1.0	0.31	ug/l	SW846 8260B
Di-Isopropyl Ether		4.7	1.0	0.24	ug/l	SW846 8260B
Tert-Amyl Alcohol		19.9 J	20	5.3	ug/l	SW846 8260B
Tert-Butyl Alcohol		5.3 J	20	5.3	ug/l	SW846 8260B
FA68265-26	**18871/MW-1**					
Benzene		1030	25	7.8	ug/l	SW846 8260B
Toluene		35.4	10	3.0	ug/l	SW846 8260B
Ethylbenzene		241	10	3.6	ug/l	SW846 8260B
Xylene (total)		761	30	7.2	ug/l	SW846 8260B
Naphthalene		65.8	50	10	ug/l	SW846 8260B
1,2-Dichloroethane		25.8	10	3.1	ug/l	SW846 8260B
Di-Isopropyl Ether		12.1	10	2.4	ug/l	SW846 8260B
Tert-Amyl Alcohol		1420	200	53	ug/l	SW846 8260B
1,2-Dibromoethane [a]		3.7	0.19	0.095	ug/l	SW846 8011
FA68265-27	**18871/MW-4**					
Benzene		72.6	2.5	0.78	ug/l	SW846 8260B
Toluene		1.6 J	2.5	0.75	ug/l	SW846 8260B
Ethylbenzene		144	2.5	0.89	ug/l	SW846 8260B
Xylene (total)		516	15	3.6	ug/l	SW846 8260B
Naphthalene		153	13	2.5	ug/l	SW846 8260B
1,2-Dichloroethane		1.8 J	2.5	0.78	ug/l	SW846 8260B
Di-Isopropyl Ether		0.71 J	2.5	0.60	ug/l	SW846 8260B
Tert-Amyl Alcohol		157	50	13	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.11	0.020	0.0098	ug/l	SW846 8011
FA68265-28	**18871/MW-4 DUP**					
Benzene		71.4	2.5	0.78	ug/l	SW846 8260B
Toluene		1.5 J	2.5	0.75	ug/l	SW846 8260B
Ethylbenzene		143	2.5	0.89	ug/l	SW846 8260B
Xylene (total)		514	15	3.6	ug/l	SW846 8260B
Naphthalene		152	13	2.5	ug/l	SW846 8260B
1,2-Dichloroethane		1.5 J	2.5	0.78	ug/l	SW846 8260B
Di-Isopropyl Ether		0.78 J	2.5	0.60	ug/l	SW846 8260B
Tert-Amyl Alcohol		144	50	13	ug/l	SW846 8260B
1,2-Dibromoethane [a]		0.12	0.019	0.0095	ug/l	SW846 8011

Summary of Hits

Job Number: FA68265
Account: Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC
Collected: 09/17/19 thru 09/19/19

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

FA68265-29 **18871/FIELD BLANK**

No hits reported in this sample.

FA68265-30 **18871/TRIP BLANK**

No hits reported in this sample.

(a) All hits confirmed by dual column analysis.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	18871/MW-20D		
Lab Sample ID:	FA68265-1	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66817.D	1	09/26/19 16:18	AJ	n/a	n/a	VP2574
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	100%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-20D		
Lab Sample ID:	FA68265-1	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108677.D	1	09/24/19 21:20	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	110%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-17		
Lab Sample ID:	FA68265-2	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66818.D	1	09/26/19 16:43	AJ	n/a	n/a	VP2574
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	96%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-17		
Lab Sample ID:	FA68265-2	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108680.D	1	09/24/19 22:14	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		63-137%

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

Report of Analysis

Client Sample ID:	18871/MW-17D		
Lab Sample ID:	FA68265-3	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66819.D	1	09/26/19 17:08	AJ	n/a	n/a	VP2574
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-17D		
Lab Sample ID:	FA68265-3	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108681.D	1	09/24/19 22:32	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		63-137%

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

Report of Analysis

Client Sample ID:	18871/MW-6		
Lab Sample ID:	FA68265-4	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66820.D	1	09/26/19 17:32	AJ	n/a	n/a	VP2574
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	5.0 U	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	95%		85-112%
460-00-4	4-Bromofluorobenzene	95%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-6		
Lab Sample ID:	FA68265-4	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108682.D	1	09/24/19 22:50	NM	09/24/19 10:00	OP76962	GDD3125
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	0.0095 U	0.019	0.0095	ug/l	

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

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

Report of Analysis

Client Sample ID:	18871/MW-20		
Lab Sample ID:	FA68265-5	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66821.D	5	09/26/19 17:58	AJ	n/a	n/a	VP2574
Run #2	P66835.D	50	09/27/19 11:20	AJ	n/a	n/a	VP2575

	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	2700 [a]	50	16	ug/l	
108-88-3	Toluene	9.1	5.0	1.5	ug/l	
100-41-4	Ethylbenzene	615 [a]	50	18	ug/l	
1330-20-7	Xylene (total)	1220	15	3.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	142	5.0	1.1	ug/l	
91-20-3	Naphthalene	168	25	5.0	ug/l	
107-06-2	1,2-Dichloroethane	36.2	5.0	1.6	ug/l	
108-20-3	Di-Isopropyl Ether	1.2 U	5.0	1.2	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	50 U	250	50	ug/l	
64-17-5	Ethyl Alcohol	410 U	1000	410	ug/l	
637-92-3	Ethyl Tert Butyl Ether	1.2 U	10	1.2	ug/l	
75-85-4	Tert-Amyl Alcohol	2610	100	26	ug/l	
994-05-8	Tert-Amyl Methyl Ether	1.8	10	1.2	ug/l	J
75-65-0	Tert-Butyl Alcohol	532	100	27	ug/l	
762-75-4	Tert-Butyl Formate [b]	25 U	100	25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	90%	79-125%
2037-26-5	Toluene-D8	96%	95%	85-112%
460-00-4	4-Bromofluorobenzene	95%	93%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-20		
Lab Sample ID:	FA68265-5	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD108683.D	1	09/24/19 23:08	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.91	0.019	0.0097	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.

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

Report of Analysis

Client Sample ID:	18871/MW-21D		
Lab Sample ID:	FA68265-6	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66834.D	1	09/27/19 10:51	AJ	n/a	n/a	VP2575
Run #2	P66822.D	5	09/26/19 18:23	AJ	n/a	n/a	VP2574

	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	23.6	1.0	0.31	ug/l	
108-88-3	Toluene	7.2	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	2.3	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	8.0	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	173 [a]	5.0	1.1	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	7.3	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.75	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	887 [a]	100	26	ug/l	
994-05-8	Tert-Amyl Methyl Ether	1.9	2.0	0.24	ug/l	J
75-65-0	Tert-Butyl Alcohol	1070 [a]	100	27	ug/l	
762-75-4	Tert-Butyl Formate [b]	5.0 U	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	95%	100%	79-125%
2037-26-5	Toluene-D8	96%	95%	85-112%
460-00-4	4-Bromofluorobenzene	92%	96%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-21D		
Lab Sample ID:	FA68265-6	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108686.D	1	09/25/19 00:02	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-22D		
Lab Sample ID:	FA68265-7	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66823.D	50	09/26/19 18:48	AJ	n/a	n/a	VP2574
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2780	50	16	ug/l	
108-88-3	Toluene	47.3	50	15	ug/l	J
100-41-4	Ethylbenzene	400	50	18	ug/l	
1330-20-7	Xylene (total)	470	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	195	50	11	ug/l	
91-20-3	Naphthalene	127	250	50	ug/l	J
107-06-2	1,2-Dichloroethane	62.9	50	16	ug/l	
108-20-3	Di-Isopropyl Ether	12 U	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	500 U	2500	500	ug/l	
64-17-5	Ethyl Alcohol	4100 U	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	12 U	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	6270	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	12 U	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	2760	1000	270	ug/l	
762-75-4	Tert-Butyl Formate [a]	250 U	1000	250	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	92%		83-118%

(a) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-22D		
Lab Sample ID:	FA68265-7	**Date Sampled:**	09/17/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD108763.D	2	09/26/19 14:06	NM	09/24/19 10:00	OP76962	GDD3128
Run #2							

	Initial Volume	Final Volume
Run #1	35.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	1.3	0.039	0.020	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.

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

Report of Analysis

Client Sample ID:	18871/FIELD BLANK		
Lab Sample ID:	FA68265-8	**Date Sampled:**	09/17/19
Matrix:	AQ - Field Blank Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66824.D	1	09/26/19 19:13	AJ	n/a	n/a	VP2574
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	102%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	94%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/FIELD BLANK
Lab Sample ID: FA68265-8
Matrix: AQ - Field Blank Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 09/17/19
Date Received: 09/21/19
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108688.D	1	09/25/19 00:38	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-22		
Lab Sample ID:	FA68265-9	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66825.D	1	09/26/19 19:38	AJ	n/a	n/a	VP2574
Run #2	P66836.D	50	09/27/19 11:46	AJ	n/a	n/a	VP2575
Run #3	P66855.D	100	09/27/19 19:38	AJ	n/a	n/a	VP2575

	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	4870 [a]	100	31	ug/l	
108-88-3	Toluene	68.9	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	818 [b]	50	18	ug/l	
1330-20-7	Xylene (total)	2570 [b]	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	297 [b]	250	50	ug/l	
107-06-2	1,2-Dichloroethane	81.3	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.86	1.0	0.24	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	6390 [b]	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	1.2	2.0	0.24	ug/l	J
75-65-0	Tert-Butyl Alcohol	1970 [b]	1000	270	ug/l	
762-75-4	Tert-Butyl Formate [c]	5.0 U	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Run# 3	Limits
1868-53-7	Dibromofluoromethane	103%	97%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	92%	92%	97%	79-125%
2037-26-5	Toluene-D8	112%	96%	95%	85-112%
460-00-4	4-Bromofluorobenzene	112%	94%	96%	83-118%

(a) Result is from Run# 3
(b) Result is from Run# 2
(c) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-22		
Lab Sample ID:	FA68265-9	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD108764.D	10	09/26/19 14:25	NM	09/24/19 10:00	OP76962	GDD3128
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	7.0	0.19	0.097	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.

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

Report of Analysis

Client Sample ID:	18871/MW-10		
Lab Sample ID:	FA68265-10	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P66826.D	50	09/26/19 20:03	AJ	n/a	n/a	VP2574
Run #2 [a]	P66854.D	50	09/27/19 19:13	AJ	n/a	n/a	VP2575

	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	2640	50	16	ug/l	
108-88-3	Toluene	15 U	50	15	ug/l	
100-41-4	Ethylbenzene	733	50	18	ug/l	
1330-20-7	Xylene (total)	1810	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	11 U	50	11	ug/l	
91-20-3	Naphthalene	388	250	50	ug/l	
107-06-2	1,2-Dichloroethane	41.6	50	16	ug/l	J
108-20-3	Di-Isopropyl Ether	12 U	50	12	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	500 U	2500	500	ug/l	
64-17-5	Ethyl Alcohol	4100 U	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	12 U	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	2220	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	12 U	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	1190	1000	270	ug/l	
762-75-4	Tert-Butyl Formate [b]	250 U	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	94%	99%	79-125%
2037-26-5	Toluene-D8	95%	94%	85-112%
460-00-4	4-Bromofluorobenzene	94%	94%	83-118%

(a) Confirmation run.
(b) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-10		
Lab Sample ID:	FA68265-10	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD108765.D	2	09/26/19 14:43	NM	09/24/19 10:00	OP76962	GDD3128
Run #2							

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

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	1.0	0.039	0.019	ug/l	

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

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID:	18871/MW-16		
Lab Sample ID:	FA68265-11	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A21700.D	1	09/27/19 00:07	CV	n/a	n/a	V1A879
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-16		
Lab Sample ID:	FA68265-11	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108691.D	1	09/25/19 01:32	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-16D		
Lab Sample ID:	FA68265-12	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A21701.D	1	09/27/19 00:33	CV	n/a	n/a	V1A879
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-16D		
Lab Sample ID:	FA68265-12	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108692.D	1	09/25/19 01:50	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-11		
Lab Sample ID:	FA68265-13	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A21702.D	1	09/27/19 00:59	CV	n/a	n/a	V1A879
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

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

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-11		
Lab Sample ID:	FA68265-13	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108693.D	1	09/25/19 02:08	NM	09/24/19 10:00	OP76962	GDD3125
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	0.0096 U	0.019	0.0096	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-15		
Lab Sample ID:	FA68265-14	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A21703.D	1	09/27/19 01:25	CV	n/a	n/a	V1A879
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	3.2	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	1.4	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	1.3	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	120	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	10.5	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate [a]	5.0 U	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		83-118%
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

(a) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-15		
Lab Sample ID:	FA68265-14	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108694.D	1	09/25/19 02:26	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-15D		
Lab Sample ID:	FA68265-15	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A21704.D	1	09/27/19 01:51	CV	n/a	n/a	V1A879
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-15D		
Lab Sample ID:	FA68265-15	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108695.D	1	09/25/19 02:44	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-14		
Lab Sample ID:	FA68265-16	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A21705.D	1	09/27/19 02:17	CV	n/a	n/a	V1A879
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	16.0	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	10.6	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	1.3	3.0	0.72	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	3.5	5.0	1.0	ug/l	J
107-06-2	1,2-Dichloroethane	2.7	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	3.8	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	275	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	19.9	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate [a]	5.0 U	20	5.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		83-118%
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-14		
Lab Sample ID:	FA68265-16	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108698.D	1	09/25/19 03:39	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-8		
Lab Sample ID:	FA68265-17	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A21706.D	10	09/27/19 02:42	CV	n/a	n/a	V1A879
Run #2	1A21726.D	20	09/27/19 13:49	CV	n/a	n/a	V1A880

	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	605	10	3.1	ug/l	
108-88-3	Toluene	9.0	10	3.0	ug/l	J
100-41-4	Ethylbenzene	1230 [a]	20	7.1	ug/l	
1330-20-7	Xylene (total)	1460	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.3 U	10	2.3	ug/l	
91-20-3	Naphthalene	609	50	10	ug/l	
107-06-2	1,2-Dichloroethane	3.1 U	10	3.1	ug/l	
108-20-3	Di-Isopropyl Ether	2.4 U	10	2.4	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	100 U	500	100	ug/l	
64-17-5	Ethyl Alcohol	820 U	2000	820	ug/l	
637-92-3	Ethyl Tert Butyl Ether	2.4 U	20	2.4	ug/l	
75-85-4	Tert-Amyl Alcohol	621	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	2.4 U	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	53 U	200	53	ug/l	
762-75-4	Tert-Butyl Formate [b]	50 U	200	50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	96%	79-125%
2037-26-5	Toluene-D8	100%	102%	85-112%
460-00-4	4-Bromofluorobenzene	102%	103%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-8		
Lab Sample ID:	FA68265-17	**Date Sampled:**	09/18/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108699.D	1	09/25/19 03:57	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/FIELD BLANK		
Lab Sample ID:	FA68265-18	**Date Sampled:**	09/18/19
Matrix:	AQ - Field Blank Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1A21699.D	1	09/26/19 23:42	CV	n/a	n/a	V1A879
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		83-118%
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	106%		85-112%
460-00-4	4-Bromofluorobenzene	108%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/FIELD BLANK
Lab Sample ID: FA68265-18
Matrix: AQ - Field Blank Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 09/18/19
Date Received: 09/21/19
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108700.D	1	09/25/19 04:15	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

	Initial Volume	Final Volume
Run #1	35.8 ml	2.0 ml
Run #2		

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-18		
Lab Sample ID:	FA68265-19	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45263.D	1	09/27/19 14:23	CV	n/a	n/a	VY1839
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.45	1.0	0.31	ug/l	J
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.61	1.0	0.36	ug/l	J
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	5.0 U	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	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-18		
Lab Sample ID:	FA68265-19	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108701.D	1	09/25/19 04:33	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-18D		
Lab Sample ID:	FA68265-20	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45264.D	1	09/27/19 14:50	CV	n/a	n/a	VY1839
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.79	1.0	0.31	ug/l	J
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	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	5.5	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	29.5	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	5.0 U	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	107%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-18D		
Lab Sample ID:	FA68265-20	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108702.D	1	09/25/19 04:51	NM	09/24/19 10:00	OP76962	GDD3125
Run #2							

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

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	117%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-12		
Lab Sample ID:	FA68265-21	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45311.D	50	09/28/19 14:52	CV	n/a	n/a	VY1841
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4510	50	16	ug/l	
108-88-3	Toluene	96.1	50	15	ug/l	
100-41-4	Ethylbenzene	805	50	18	ug/l	
1330-20-7	Xylene (total)	1600	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	11 U	50	11	ug/l	
91-20-3	Naphthalene	303	250	50	ug/l	
107-06-2	1,2-Dichloroethane	25.6	50	16	ug/l	J
108-20-3	Di-Isopropyl Ether	30.4	50	12	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	500 U	2500	500	ug/l	
64-17-5	Ethyl Alcohol	4100 U	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	12 U	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	2940	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	12 U	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	270 U	1000	270	ug/l	
762-75-4	Tert-Butyl Formate [a]	250 U	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	104%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/MW-12
Lab Sample ID: FA68265-21
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 09/19/19
Date Received: 09/21/19
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108723.D	1	09/25/19 15:18	NM	09/25/19 10:30	OP76987	GDD3126
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	0.0094 U	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	119%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-12 DUP		
Lab Sample ID:	FA68265-22	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45312.D	50	09/28/19 15:19	CV	n/a	n/a	VY1841
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	4480	50	16	ug/l	
108-88-3	Toluene	97.0	50	15	ug/l	
100-41-4	Ethylbenzene	802	50	18	ug/l	
1330-20-7	Xylene (total)	1590	150	36	ug/l	
1634-04-4	Methyl Tert Butyl Ether	11 U	50	11	ug/l	
91-20-3	Naphthalene	303	250	50	ug/l	
107-06-2	1,2-Dichloroethane	27.0	50	16	ug/l	J
108-20-3	Di-Isopropyl Ether	28.2	50	12	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	500 U	2500	500	ug/l	
64-17-5	Ethyl Alcohol	4100 U	10000	4100	ug/l	
637-92-3	Ethyl Tert Butyl Ether	12 U	100	12	ug/l	
75-85-4	Tert-Amyl Alcohol	3100	1000	260	ug/l	
994-05-8	Tert-Amyl Methyl Ether	12 U	100	12	ug/l	
75-65-0	Tert-Butyl Alcohol	270 U	1000	270	ug/l	
762-75-4	Tert-Butyl Formate [a]	250 U	1000	250	ug/l	

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

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/MW-12 DUP
Lab Sample ID: FA68265-22
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 09/19/19
Date Received: 09/21/19
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108726.D	1	09/25/19 16:13	NM	09/25/19 10:30	OP76987	GDD3126
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	0.0095 U	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	114%		63-137%

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-19		
Lab Sample ID:	FA68265-23	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45267.D	1	09/27/19 16:12	CV	n/a	n/a	VY1839
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	35.6	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	14.3	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	7.2	20	5.3	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	9.0	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate [a]	5.0 U	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	106%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-19		
Lab Sample ID:	FA68265-23	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108727.D	1	09/25/19 16:31	NM	09/25/19 10:30	OP76987	GDD3126
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	0.0094 U	0.019	0.0094	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	79%		63-137%

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

Report of Analysis

Client Sample ID:	18871/MW-19D		
Lab Sample ID:	FA68265-24	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45271.D	1	09/27/19 18:01	CV	n/a	n/a	VY1839
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	5.0 U	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	108%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-19D		
Lab Sample ID:	FA68265-24	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108728.D	1	09/25/19 16:50	NM	09/25/19 10:30	OP76987	GDD3126
Run #2							

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

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

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

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

Report of Analysis

Client Sample ID:	18871/MW-8D		
Lab Sample ID:	FA68265-25	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45272.D	1	09/27/19 18:29	CV	n/a	n/a	VY1839
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.62	1.0	0.23	ug/l	J
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.76	1.0	0.31	ug/l	J
108-20-3	Di-Isopropyl Ether	4.7	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	19.9	20	5.3	ug/l	J
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3	20	5.3	ug/l	J
762-75-4	Tert-Butyl Formate [a]	5.0 U	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	106%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID: 18871/MW-8D
Lab Sample ID: FA68265-25
Matrix: AQ - Ground Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 09/19/19
Date Received: 09/21/19
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108729.D	1	09/25/19 17:08	NM	09/25/19 10:30	OP76987	GDD3126
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	0.0095 U	0.019	0.0095	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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:	18871/MW-1		
Lab Sample ID:	FA68265-26	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45313.D	10	09/28/19 15:46	CV	n/a	n/a	VY1841
Run #2	Y45273.D	25	09/27/19 18:56	CV	n/a	n/a	VY1839

	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	1030 [a]	25	7.8	ug/l	
108-88-3	Toluene	35.4	10	3.0	ug/l	
100-41-4	Ethylbenzene	241	10	3.6	ug/l	
1330-20-7	Xylene (total)	761	30	7.2	ug/l	
1634-04-4	Methyl Tert Butyl Ether	2.3 U	10	2.3	ug/l	
91-20-3	Naphthalene	65.8	50	10	ug/l	
107-06-2	1,2-Dichloroethane	25.8	10	3.1	ug/l	
108-20-3	Di-Isopropyl Ether	12.1	10	2.4	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	100 U	500	100	ug/l	
64-17-5	Ethyl Alcohol	820 U	2000	820	ug/l	
637-92-3	Ethyl Tert Butyl Ether	2.4 U	20	2.4	ug/l	
75-85-4	Tert-Amyl Alcohol	1420	200	53	ug/l	
994-05-8	Tert-Amyl Methyl Ether	2.4 U	20	2.4	ug/l	
75-65-0	Tert-Butyl Alcohol	53 U	200	53	ug/l	
762-75-4	Tert-Butyl Formate [b]	50 U	200	50	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	102%	106%	79-125%
2037-26-5	Toluene-D8	96%	95%	85-112%
460-00-4	4-Bromofluorobenzene	97%	98%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-1		
Lab Sample ID:	FA68265-26	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD108766.D	10	09/26/19 15:01	NM	09/25/19 10:30	OP76987	GDD3128
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	3.7	0.19	0.095	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.

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

Report of Analysis

Client Sample ID:	18871/MW-4		
Lab Sample ID:	FA68265-27	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45274.D	2.5	09/27/19 19:23	CV	n/a	n/a	VY1839
Run #2	Y45308.D	5	09/28/19 13:30	CV	n/a	n/a	VY1841

	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	72.6	2.5	0.78	ug/l	
108-88-3	Toluene	1.6	2.5	0.75	ug/l	J
100-41-4	Ethylbenzene	144	2.5	0.89	ug/l	
1330-20-7	Xylene (total)	516 [a]	15	3.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.57 U	2.5	0.57	ug/l	
91-20-3	Naphthalene	153	13	2.5	ug/l	
107-06-2	1,2-Dichloroethane	1.8	2.5	0.78	ug/l	J
108-20-3	Di-Isopropyl Ether	0.71	2.5	0.60	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	25 U	130	25	ug/l	
64-17-5	Ethyl Alcohol	200 U	500	200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.59 U	5.0	0.59	ug/l	
75-85-4	Tert-Amyl Alcohol	157	50	13	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.61 U	5.0	0.61	ug/l	
75-65-0	Tert-Butyl Alcohol	13 U	50	13	ug/l	
762-75-4	Tert-Butyl Formate [b]	13 U	50	13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	105%	79-125%
2037-26-5	Toluene-D8	97%	96%	85-112%
460-00-4	4-Bromofluorobenzene	97%	98%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-4		
Lab Sample ID:	FA68265-27	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD108767.D	1	09/26/19 15:19	NM	09/25/19 10:30	OP76987	GDD3128
Run #2							

	Initial Volume	Final Volume
Run #1	35.8 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
106-93-4	1,2-Dibromoethane	0.11	0.020	0.0098	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.

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

Report of Analysis

Client Sample ID:	18871/MW-4 DUP		
Lab Sample ID:	FA68265-28	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45275.D	2.5	09/27/19 19:50	CV	n/a	n/a	VY1839
Run #2	Y45309.D	5	09/28/19 13:57	CV	n/a	n/a	VY1841

	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	71.4	2.5	0.78	ug/l	
108-88-3	Toluene	1.5	2.5	0.75	ug/l	J
100-41-4	Ethylbenzene	143	2.5	0.89	ug/l	
1330-20-7	Xylene (total)	514 [a]	15	3.6	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.57 U	2.5	0.57	ug/l	
91-20-3	Naphthalene	152	13	2.5	ug/l	
107-06-2	1,2-Dichloroethane	1.5	2.5	0.78	ug/l	J
108-20-3	Di-Isopropyl Ether	0.78	2.5	0.60	ug/l	J
624-95-3	3,3-Dimethyl-1-Butanol	25 U	130	25	ug/l	
64-17-5	Ethyl Alcohol	200 U	500	200	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.59 U	5.0	0.59	ug/l	
75-85-4	Tert-Amyl Alcohol	144	50	13	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.61 U	5.0	0.61	ug/l	
75-65-0	Tert-Butyl Alcohol	13 U	50	13	ug/l	
762-75-4	Tert-Butyl Formate [b]	13 U	50	13	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	104%	104%	79-125%
2037-26-5	Toluene-D8	98%	96%	85-112%
460-00-4	4-Bromofluorobenzene	97%	97%	83-118%

(a) Result is from Run# 2
(b) Associated BS recovery outside control limits low.

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

Report of Analysis

Client Sample ID:	18871/MW-4 DUP		
Lab Sample ID:	FA68265-28	**Date Sampled:**	09/19/19
Matrix:	AQ - Ground Water	**Date Received:**	09/21/19
Method:	SW846 8011 SW846 8011	**Percent Solids:**	n/a
Project:	Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	DD108768.D	1	09/26/19 15:38	NM	09/25/19 10:30	OP76987	GDD3128
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	0.12	0.019	0.0095	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		63-137%

(a) All hits confirmed by dual column analysis.

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

Report of Analysis

Client Sample ID: 18871/FIELD BLANK
Lab Sample ID: FA68265-29
Matrix: AQ - Field Blank Water
Method: SW846 8260B
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 09/19/19
Date Received: 09/21/19
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45260.D	1	09/27/19 13:01	CV	n/a	n/a	VY1839
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.31 U	1.0	0.31	ug/l	
108-88-3	Toluene	0.30 U	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	0.36 U	1.0	0.36	ug/l	
1330-20-7	Xylene (total)	0.72 U	3.0	0.72	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.23 U	1.0	0.23	ug/l	
91-20-3	Naphthalene	1.0 U	5.0	1.0	ug/l	
107-06-2	1,2-Dichloroethane	0.31 U	1.0	0.31	ug/l	
108-20-3	Di-Isopropyl Ether	0.24 U	1.0	0.24	ug/l	
624-95-3	3,3-Dimethyl-1-Butanol	10 U	50	10	ug/l	
64-17-5	Ethyl Alcohol	82 U	200	82	ug/l	
637-92-3	Ethyl Tert Butyl Ether	0.24 U	2.0	0.24	ug/l	
75-85-4	Tert-Amyl Alcohol	5.3 U	20	5.3	ug/l	
994-05-8	Tert-Amyl Methyl Ether	0.24 U	2.0	0.24	ug/l	
75-65-0	Tert-Butyl Alcohol	5.3 U	20	5.3	ug/l	
762-75-4	Tert-Butyl Formate [a]	5.0 U	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	107%		79-125%
2037-26-5	Toluene-D8	97%		85-112%
460-00-4	4-Bromofluorobenzene	98%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/FIELD BLANK
Lab Sample ID: FA68265-29
Matrix: AQ - Field Blank Water
Method: SW846 8011 SW846 8011
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 09/19/19
Date Received: 09/21/19
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	DD108735.D	1	09/25/19 18:58	NM	09/25/19 10:30	OP76987	GDD3126
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	0.0094 U	0.019	0.0094	ug/l	

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

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: 18871/TRIP BLANK
Lab Sample ID: FA68265-30
Matrix: AQ - Trip Blank Water
Method: SW846 8260B
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Date Sampled: 09/17/19
Date Received: 09/21/19
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y45261.D	1	09/27/19 13:28	CV	n/a	n/a	VY1839
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE, Naphthalene

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	98%		85-112%
460-00-4	4-Bromofluorobenzene	97%		83-118%

(a) Associated BS recovery outside control limits low.

U = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates 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: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 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
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www.sgs.com

SGS - ORLANDO JOB # : FA68265 PAGE_____OF_____

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Terracon Consultants
Address: 521 Clemson Road
City: Columbia State: SC Zip: 29229
Project Contact: Regan Norris Email: Regan.Norris@terracon.com
Phone #: 803-741-9000
Sampler(s) Name(s) (Printed) Sampler 1: Walker Hass Sampler 2:

Project Information

Project Name: Eddies pitt stop
Street: Rt. 2 Hwy 601 N
City: Pageland State: SC
Project #: 73098106
Fax #: 803-741-9000
Client Purchase Order #

Analytical Information

BTEX, naph, MTBE, 1,2 DCA, EDB

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, naph, MTBE, 1,2 DCA, EDB		LAB USE ONLY
1	18871 / MW-20D	9/17/19	1105	WH	GW	6	3		3							3	3	
2	18871 / MW-17	9/17/19	1145	WH	GW	6	3		3							3	3	
3	18871 / MW-17D	9/17/19	1220	WH	GW	6	3		3							3	3	
4	18871 / MW-16	9/17/19	1325	WH	GW	6	3		3							3	3	
5	18871 / MW-20	9/17/19	1405	WH	GW	6	3		3							3	3	
6	18871 / MW-21D	9/17/19	1445	WH	GW	6	3		3							3	3	
7	18871 / MW-22D	9/17/19	1525	WH	GW	6	3		3							3	3	
8	18871 / ~~MW~~ WH Field Blanks	9/17/19	1535	WH	GW	6	3		3							3	3	
9	18871 / MW-22	9/18/19	1010	WH	GW	6	3		3							3	3	
10	18871 / MW-10	9/18/19	1050	WH	GW	6	3		3							3	3	
11	18871 / MW-16	9/18/19	1145	WH	GW	6	3		3							3	3	
12	18871 / MW-16D	9/18/19	1225	WH	GW	6	3		3							3	3	

Turnaround Time (Business days)

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

Data Deliverable Information

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

Comments / Remarks

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		9/20/19 1143	2 FedEx	3 FedEx	9/12/19	4 Terracon WH
5	Relinquished by/Affiliation	Date Time:	6 Received By/Affiliation	7 Relinquished By/Affiliation	Date Time:	8 Received By/Affiliation

Lab Use Only : Cooler Temperature (s) Celsius (corrected): 2.6, 1.7

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

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

FA68265: Chain of Custody
Page 1 of 4

SGS North America Inc - Orlando
Chain of Custody

SGS - ORLANDO JOB # : FA68265 PAGE_____OF_____

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TEL. 407-425-6700 FAX: 407-425-0707
www.sgs.com

SGS - ORLANDO Quote # | SKIFF #

Client / Reporting Information

Company Name: Terracon Consultants
Address: 521 Clemson Road
City: Columbia State: SC Zip: 29229
Project Contact: Regan Norris Email: Regan.Norris@terracon.com
Phone #: 803-741-9000
Sampler(s) Name(s) (Printed) Sampler 1: Walker Hiott Sampler 2:

Project Information

Project Name: Eddies pitt stop
Street: Rt. 2 Hwy 601 N
City: Pageland State: SC
Project # 30981060
Fax # 803-741-9000
Client Purchase Order #

Analytical Information

BTEX Naph, MTBE, 1,2 DCA, Oxy EDB

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
13	18871 / mw-11	9/18/19	1325	WH	GW	6	3		3							3	3	
14	18871 / mw-15	9/18/19	1410	WH	GW	6	3		3							3	3	
15	18871 / mw-15D	9/18/19	1445	WH	GW	6	3		3							3	3	
16	18871 / mw-14	9/18/19	1525	WH	GW	6	3		3							3	3	
17	18871 / mw-8	9/18/19	1605	WH	GW	6	3		3							3	3	
18	18871 / Field Blank	9/18/19	1615	WH	GW	6	3		3							3	3	
19	18871 / mw-18	9/19/19	1105	WH	GW	6	3		3							3	3	
20	18871 / mw-18D	9/19/19	1140	WH	GW	6	3		3							3	3	
21	18871 / mw-12	9/19/19	1225	WH	GW	6	3		3							3	3	
22	18871 / mw-12 DUP	9/19/19	1225	WH	GW	6	3		3							3	3	
23	18871 / mw-19	9/19/19	1315	WH	GW	6	3		3							3	3	
24	18871 / mw-19D	9/19/19	1350	WH	GW	6	3		3							3	3	

Turnaround Time (Business days)

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

Data Deliverable Information

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

Comments / Remarks

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		9/20/19 1145	2 FX	3 FX	9/21/19	4
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

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SGS ACCUTEST

SGS Accutest Southeast Chain of Custody

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

SGS ACCUTEST JOB # : FA68265 PAGE_____OF_____

SGS Accutest Quote #	SKIFF #

Client / Reporting Information

Company Name: Terracon Consultants
Address: 521 Clemson Road
City: Columbia State: SC Zip: 29229
Project Contact: Regan. Norris Email: Regan.Norris@terracon.com
Phone #: 803-741-9005
Sampler(s) Name(s) (Printed) Sampler 1: Walker Hinson Sampler 2:

Project Information

Project Name: Eddies Pitt stop
Street: Rt. 2 Hwy 601 N
City: Pageland State: SC
Project #: T3098106
Fax #: 803-741-9000
Client Purchase Order #

Analytical Information

SGS Accutest 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	BTEX, Naph, MTBE, 1, 2 DCA, ORG	EDB	LAB USE ONLY
25	18871 / mw-8D	9/19/19	1550	WH	GW	6	3		3							3	3	
26	18871 / mw-1	9/19/19	1625	WH	GW	6	3		3							3	3	
27	18871 / mw-4	9/19/19	1700	WH	GW	6	3		3							3	3	
28	18871 / mw-4 DUP	9/19/19	1700	WH	GW	6	3		3							3	3	
29	18871 / Field Blanks	9/19/19	1710	WH	GW	6	3		3							3	3	
30	18871 / Trip Blanks	9/17/19				2			2							2		

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

Comments / Remarks

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		9/20/19 1145	2 FX	3 FX	9/20/19	4
	Relinquished by/Affiliation	Date Time:	Received By/Affiliation	Relinquished By/Affiliation	Date Time:	Received By/Affiliation
	5		6	7		8

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

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Effective Date 04-/24/2017

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

SGS Sample Receipt Summary

Job Number: FA68265 **Client:** TERRACON CONSULTANTS **Project:** EDDIES PITT STOP

Date / Time Received: 9/21/2019 9:14:00 AM **Delivery Method:** FED EX **Airbill #'s:**

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

Cooler Temps (Raw Measured) °C: Cooler 1: (1.1); Cooler 2: (0.7);

Cooler Temps (Corrected) °C: Cooler 1: (2.1); Cooler 2: (1.7);

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: TRINITYM Date: 9/21/2019 9:14:00 AM Reviewer: _____ Date: _____

FA68265: 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: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP2574-MB [a]	P66804.D	1	09/26/19	AJ	n/a	n/a	VP2574

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

FA68265-1, FA68265-2, FA68265-3, FA68265-4, FA68265-5, FA68265-6, FA68265-7, FA68265-8, FA68265-9, FA68265-10

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	97%	79-125%
2037-26-5	Toluene-D8	96%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A879-MB	1A21697.D	1	09/26/19	CV	n/a	n/a	V1A879

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

FA68265-11, FA68265-12, FA68265-13, FA68265-14, FA68265-15, FA68265-16, FA68265-17, FA68265-18

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	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	107%	85-112%
460-00-4	4-Bromofluorobenzene	107%	83-118%

Method Blank Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP2575-MB [a]	P66833.D	1	09/27/19	AJ	n/a	n/a	VP2575

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

FA68265-5, FA68265-6, FA68265-9

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	
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	95%	79-125%
2037-26-5	Toluene-D8	95%	85-112%
460-00-4	4-Bromofluorobenzene	93%	83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A880-MB	1A21721.D	1	09/27/19	CV	n/a	n/a	V1A880

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

FA68265-17

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	

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

Method Blank Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1839-MB	Y45259.D	1	09/27/19	CV	n/a	n/a	VY1839

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

FA68265-19, FA68265-20, FA68265-23, FA68265-24, FA68265-25, FA68265-26, FA68265-27, FA68265-28, FA68265-29, FA68265-30

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

Method Blank Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1841-MB	Y45306.D	1	09/28/19	CV	n/a	n/a	VY1841

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

FA68265-21, FA68265-22, FA68265-26, FA68265-27, FA68265-28

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	102%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

Blank Spike Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP2574-BS	P66802.D	1	09/26/19	AJ	n/a	n/a	VP2574

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

FA68265-1, FA68265-2, FA68265-3, FA68265-4, FA68265-5, FA68265-6, FA68265-7, FA68265-8, FA68265-9, FA68265-10

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.0	108	81-122
107-06-2	1,2-Dichloroethane	25	25.2	101	75-125
108-20-3	Di-Isopropyl Ether	25	19.6	78	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1180	94	55-126
64-17-5	Ethyl Alcohol	500	492	98	46-145
100-41-4	Ethylbenzene	25	26.0	104	81-121
637-92-3	Ethyl Tert Butyl Ether	25	19.6	78	71-120
1634-04-4	Methyl Tert Butyl Ether	25	23.4	94	72-117
91-20-3	Naphthalene	25	20.1	80	63-132
75-85-4	Tert-Amyl Alcohol	250	227	91	65-124
994-05-8	Tert-Amyl Methyl Ether	25	22.7	91	73-122
75-65-0	Tert-Butyl Alcohol	250	235	94	63-129
762-75-4	Tert-Butyl Formate	250	88.0	35* [a]	46-130
108-88-3	Toluene	25	24.8	99	80-120
1330-20-7	Xylene (total)	75	76.6	102	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	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	94%	83-118%

(a) Sporadic marginal failure.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A879-BS	1A21696.D	1	09/26/19	CV	n/a	n/a	V1A879

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

FA68265-11, FA68265-12, FA68265-13, FA68265-14, FA68265-15, FA68265-16, FA68265-17, FA68265-18

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.0	104	81-122
107-06-2	1,2-Dichloroethane	25	26.2	105	75-125
108-20-3	Di-Isopropyl Ether	25	24.4	98	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1280	102	55-126
64-17-5	Ethyl Alcohol	500	493	99	46-145
100-41-4	Ethylbenzene	25	26.8	107	81-121
637-92-3	Ethyl Tert Butyl Ether	25	21.9	88	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.0	96	72-117
91-20-3	Naphthalene	25	27.0	108	63-132
75-85-4	Tert-Amyl Alcohol	250	250	100	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.5	98	73-122
75-65-0	Tert-Butyl Alcohol	250	275	110	63-129
762-75-4	Tert-Butyl Formate	250	106	42* [a]	46-130
108-88-3	Toluene	25	26.5	106	80-120
1330-20-7	Xylene (total)	75	82.8	110	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	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	100%	83-118%

(a) Sporadic marginal failure.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VP2575-BS	P66831.D	1	09/27/19	AJ	n/a	n/a	VP2575

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

FA68265-5, FA68265-6, FA68265-9

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	24.1	96	75-125
108-20-3	Di-Isopropyl Ether	25	21.0	84	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1190	95	55-126
64-17-5	Ethyl Alcohol	500	471	94	46-145
100-41-4	Ethylbenzene	25	25.5	102	81-121
637-92-3	Ethyl Tert Butyl Ether	25	20.5	82	71-120
91-20-3	Naphthalene	25	21.4	86	63-132
75-85-4	Tert-Amyl Alcohol	250	230	92	65-124
994-05-8	Tert-Amyl Methyl Ether	25	23.2	93	73-122
75-65-0	Tert-Butyl Alcohol	250	235	94	63-129
762-75-4	Tert-Butyl Formate	250	94.4	38*	46-130
108-88-3	Toluene	25	24.9	100	80-120
1330-20-7	Xylene (total)	75	75.7	101	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	79-125%
2037-26-5	Toluene-D8	98%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1A880-BS	1A21720.D	1	09/27/19	CV	n/a	n/a	V1A880

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

FA68265-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	25	27.6	110	81-121

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1839-BS	Y45257.D	1	09/27/19	CV	n/a	n/a	VY1839

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

FA68265-19, FA68265-20, FA68265-23, FA68265-24, FA68265-25, FA68265-26, FA68265-27, FA68265-28, FA68265-29, FA68265-30

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	26.6	106	81-122
107-06-2	1,2-Dichloroethane	25	26.0	104	75-125
108-20-3	Di-Isopropyl Ether	25	24.5	98	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1270	102	55-126
64-17-5	Ethyl Alcohol	500	472	94	46-145
100-41-4	Ethylbenzene	25	25.9	104	81-121
637-92-3	Ethyl Tert Butyl Ether	25	22.8	91	71-120
1634-04-4	Methyl Tert Butyl Ether	25	24.2	97	72-117
91-20-3	Naphthalene	25	24.0	96	63-132
75-85-4	Tert-Amyl Alcohol	250	229	92	65-124
994-05-8	Tert-Amyl Methyl Ether	25	24.1	96	73-122
75-65-0	Tert-Butyl Alcohol	250	231	92	63-129
762-75-4	Tert-Butyl Formate	250	113	45* [a]	46-130
108-88-3	Toluene	25	25.3	101	80-120
1330-20-7	Xylene (total)	75	79.1	105	80-126

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

(a) Sporadic marginal failure.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VY1841-BS	Y45305.D	1	09/28/19	CV	n/a	n/a	VY1841

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

FA68265-21, FA68265-22, FA68265-26, FA68265-27, FA68265-28

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	25	27.8	111	81-122
107-06-2	1,2-Dichloroethane	25	26.3	105	75-125
108-20-3	Di-Isopropyl Ether	25	25.4	102	68-123
624-95-3	3,3-Dimethyl-1-Butanol	1250	1180	94	55-126
64-17-5	Ethyl Alcohol	500	474	95	46-145
100-41-4	Ethylbenzene	25	26.7	107	81-121
637-92-3	Ethyl Tert Butyl Ether	25	23.6	94	71-120
1634-04-4	Methyl Tert Butyl Ether	25	25.8	103	72-117
91-20-3	Naphthalene	25	25.8	103	63-132
75-85-4	Tert-Amyl Alcohol	250	238	95	65-124
994-05-8	Tert-Amyl Methyl Ether	25	25.2	101	73-122
75-65-0	Tert-Butyl Alcohol	250	226	90	63-129
762-75-4	Tert-Butyl Formate	250	112	45* [a]	46-130
108-88-3	Toluene	25	26.2	105	80-120
1330-20-7	Xylene (total)	75	82.5	110	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

(a) Sporadic marginal failure.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68224-3MS	P66815.D	5	09/26/19	AJ	n/a	n/a	VP2574
FA68224-3MSD	P66816.D	5	09/26/19	AJ	n/a	n/a	VP2574
FA68224-3	P66808.D	1	09/26/19	AJ	n/a	n/a	VP2574

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

FA68265-1, FA68265-2, FA68265-3, FA68265-4, FA68265-5, FA68265-6, FA68265-7, FA68265-8, FA68265-9, FA68265-10

CAS No.	Compound	FA68224-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	2.5		125	147	116	125	148	116	1	81-122/14
107-06-2	1,2-Dichloroethane	ND		125	138	110	125	138	110	0	75-125/14
108-20-3	Di-Isopropyl Ether	ND		125	108	86	125	109	87	1	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		6250	4850	78	6250	4870	78	0	55-126/17
64-17-5	Ethyl Alcohol	ND		2500	2200	88	2500	2260	90	3	46-145/30
100-41-4	Ethylbenzene	7.6		125	146	111	125	146	111	0	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		125	109	87	125	111	89	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	ND		125	131	105	125	132	106	1	72-117/14
91-20-3	Naphthalene	6.6		125	129	98	125	128	97	1	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		1250	1290	103	1250	1300	104	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		125	129	103	125	129	103	0	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		1250	1300	104	1250	1340	107	3	63-129/27
762-75-4	Tert-Butyl Formate	ND		1250	468	37*	1250	468	37*	0	46-130/33
108-88-3	Toluene	64.1		125	190	101	125	188	99	1	80-120/14
1330-20-7	Xylene (total)	252		375	624	99	375	621	98	0	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA68224-3	Limits
1868-53-7	Dibromofluoromethane	100%	103%	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	100%	79-125%
2037-26-5	Toluene-D8	97%	97%	95%	85-112%
460-00-4	4-Bromofluorobenzene	95%	94%	92%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68265-17MS	1A21707.D	20	09/27/19	CV	n/a	n/a	V1A879
FA68265-17MSD	1A21708.D	20	09/27/19	CV	n/a	n/a	V1A879
FA68265-17	1A21706.D	10	09/27/19	CV	n/a	n/a	V1A879

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

FA68265-11, FA68265-12, FA68265-13, FA68265-14, FA68265-15, FA68265-16, FA68265-17, FA68265-18

CAS No.	Compound	FA68265-17 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	605		500	1130	105	500	1140	107	1	81-122/14
107-06-2	1,2-Dichloroethane	10 U		500	527	105	500	529	106	0	75-125/14
108-20-3	Di-Isopropyl Ether	10 U		500	512	102	500	516	103	1	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	500 U		25000	28200	113	25000	26900	108	5	55-126/17
64-17-5	Ethyl Alcohol	2000 U		10000	10400	104	10000	9620	96	8	46-145/30
100-41-4	Ethylbenzene	1180	E	500	1720	108	500	1720	108	0	81-121/14
637-92-3	Ethyl Tert Butyl Ether	20 U		500	440	88	500	447	89	2	71-120/14
1634-04-4	Methyl Tert Butyl Ether	10 U		500	479	96	500	490	98	2	72-117/14
91-20-3	Naphthalene	609		500	1140	106	500	1160	110	2	63-132/25
75-85-4	Tert-Amyl Alcohol	621		5000	5950	107	5000	5630	100	6	65-124/23
994-05-8	Tert-Amyl Methyl Ether	20 U		500	487	97	500	495	99	2	73-122/13
75-65-0	Tert-Butyl Alcohol	200 U		5000	5700	114	5000	5470	109	4	63-129/27
762-75-4	Tert-Butyl Formate	200 U		5000	2130	43*	5000	2190	44*	3	46-130/33
108-88-3	Toluene	9.0	J	500	527	104	500	530	104	1	80-120/14
1330-20-7	Xylene (total)	1460		1500	3140	112	1500	3150	113	0	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA68265-17	Limits
1868-53-7	Dibromofluoromethane	97%	97%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	103%	97%	79-125%
2037-26-5	Toluene-D8	100%	101%	100%	85-112%
460-00-4	4-Bromofluorobenzene	98%	99%	102%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68235-15MS	P66842.D	1	09/27/19	AJ	n/a	n/a	VP2575
FA68235-15MSD	P66843.D	1	09/27/19	AJ	n/a	n/a	VP2575
FA68235-15	P66839.D	1	09/27/19	AJ	n/a	n/a	VP2575

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

FA68265-5, FA68265-6, FA68265-9

CAS No.	Compound	FA68235-15 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		25	29.6	118	25	30.2	121	2	81-122/14
107-06-2	1,2-Dichloroethane	ND		25	27.9	112	25	28.2	113	1	75-125/14
108-20-3	Di-Isopropyl Ether	ND		25	21.4	86	25	22.3	89	4	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	ND		1250	911	73	1250	928	74	2	55-126/17
64-17-5	Ethyl Alcohol	ND		500	465	93	500	481	96	3	46-145/30
100-41-4	Ethylbenzene	ND		25	27.6	110	25	27.8	111	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	ND		25	22.2	89	25	22.7	91	2	71-120/14
91-20-3	Naphthalene	ND		25	22.4	90	25	22.2	89	1	63-132/25
75-85-4	Tert-Amyl Alcohol	ND		250	249	100	250	252	101	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	ND		25	25.9	104	25	26.1	104	1	73-122/13
75-65-0	Tert-Butyl Alcohol	ND		250	269	108	250	289	116	7	63-129/27
762-75-4	Tert-Butyl Formate	ND		250	65.1	26*	250	53.0	21*	20	46-130/33
108-88-3	Toluene	ND		25	26.4	106	25	26.8	107	2	80-120/14
1330-20-7	Xylene (total)	ND		75	80.6	107	75	81.5	109	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA68235-15	Limits
1868-53-7	Dibromofluoromethane	104%	105%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	98%	103%	101%	79-125%
2037-26-5	Toluene-D8	95%	96%	94%	85-112%
460-00-4	4-Bromofluorobenzene	95%	96%	97%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68353-2MS	1A21732.D	5	09/27/19	CV	n/a	n/a	V1A880
FA68353-2MSD	1A21733.D	5	09/27/19	CV	n/a	n/a	V1A880
FA68353-2 [a]	1A21724.D	1	09/27/19	CV	n/a	n/a	V1A880

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

FA68265-17

CAS No.	Compound	FA68353-2 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND		125	136	109	125	137	110	1	81-121/14

CAS No.	Surrogate Recoveries	MS	MSD	FA68353-2	Limits
1868-53-7	Dibromofluoromethane	98%	98%	98%	83-118%
17060-07-0	1,2-Dichloroethane-D4	106%	105%	99%	79-125%
2037-26-5	Toluene-D8	101%	102%	106%	85-112%
460-00-4	4-Bromofluorobenzene	100%	100%	107%	83-118%

(a) Confirmation run.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68265-19MS	Y45268.D	5	09/27/19	CV	n/a	n/a	VY1839
FA68265-19MSD	Y45269.D	5	09/27/19	CV	n/a	n/a	VY1839
FA68265-19	Y45263.D	1	09/27/19	CV	n/a	n/a	VY1839

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

FA68265-19, FA68265-20, FA68265-23, FA68265-24, FA68265-25, FA68265-26, FA68265-27, FA68265-28, FA68265-29, FA68265-30

CAS No.	Compound	FA68265-19 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	0.45	J	125	135	108	125	139	111	3	81-122/14
107-06-2	1,2-Dichloroethane	1.0 U		125	132	106	125	134	107	2	75-125/14
108-20-3	Di-Isopropyl Ether	1.0 U		125	124	99	125	127	102	2	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	50 U		6250	6060	97	6250	5980	96	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	0.61	J	125	130	104	125	135	108	4	81-121/14
637-92-3	Ethyl Tert Butyl Ether	2.0 U		125	115	92	125	118	94	3	71-120/14
1634-04-4	Methyl Tert Butyl Ether	1.0 U		125	127	102	125	129	103	2	72-117/14
91-20-3	Naphthalene	5.0 U		125	126	101	125	136	109	8	63-132/25
75-85-4	Tert-Amyl Alcohol	20 U		1250	1210	97	1250	1200	96	1	65-124/23
994-05-8	Tert-Amyl Methyl Ether	2.0 U		125	121	97	125	127	102	5	73-122/13
75-65-0	Tert-Butyl Alcohol	20 U		1250	1170	94	1250	1180	94	1	63-129/27
762-75-4	Tert-Butyl Formate	20 U		1250	512	41*	1250	500	40*	2	46-130/33
108-88-3	Toluene	1.0 U		125	127	102	125	130	104	2	80-120/14
1330-20-7	Xylene (total)	3.0 U		375	403	107	375	416	111	3	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA68265-19	Limits
1868-53-7	Dibromofluoromethane	102%	102%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	103%	107%	79-125%
2037-26-5	Toluene-D8	96%	96%	98%	85-112%
460-00-4	4-Bromofluorobenzene	97%	98%	98%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FA68265-27MS	Y45316.D	10	09/28/19	CV	n/a	n/a	VY1841
FA68265-27MSD	Y45317.D	10	09/28/19	CV	n/a	n/a	VY1841
FA68265-27	Y45308.D	5	09/28/19	CV	n/a	n/a	VY1841

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

FA68265-21, FA68265-22, FA68265-26, FA68265-27, FA68265-28

CAS No.	Compound	FA68265-27 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	74.8		250	354	112	250	355	112	0	81-122/14
107-06-2	1,2-Dichloroethane	5.0 U		250	264	106	250	263	105	0	75-125/14
108-20-3	Di-Isopropyl Ether	5.0 U		250	254	102	250	255	102	0	68-123/16
624-95-3	3,3-Dimethyl-1-Butanol	250 U		12500	11600	93	12500	11900	95	3	55-126/17
64-17-5	Ethyl Alcohol	1000 U		5000	4390	88	5000	4230	85	4	46-145/30
100-41-4	Ethylbenzene	154		250	416	105	250	421	107	1	81-121/14
637-92-3	Ethyl Tert Butyl Ether	10 U		250	236	94	250	238	95	1	71-120/14
1634-04-4	Methyl Tert Butyl Ether	5.0 U		250	251	100	250	256	102	2	72-117/14
91-20-3	Naphthalene	158		250	426	107	250	446	115	5	63-132/25
75-85-4	Tert-Amyl Alcohol	136		2500	2550	97	2500	2590	98	2	65-124/23
994-05-8	Tert-Amyl Methyl Ether	10 U		250	247	99	250	251	100	2	73-122/13
75-65-0	Tert-Butyl Alcohol	100 U		2500	2270	91	2500	2300	92	1	63-129/27
762-75-4	Tert-Butyl Formate	100 U		2500	989	40*	2500	1030	41*	4	46-130/33
108-88-3	Toluene	1.5	J	250	260	103	250	264	105	2	80-120/14
1330-20-7	Xylene (total)	516		750	1340	110	750	1350	111	1	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FA68265-27	Limits
1868-53-7	Dibromofluoromethane	101%	99%	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	99%	105%	79-125%
2037-26-5	Toluene-D8	98%	97%	96%	85-112%
460-00-4	4-Bromofluorobenzene	99%	100%	98%	83-118%

* = Outside of Control Limits.

GC Volatiles

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QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP76962-MB	DD108676.D	1	09/24/19	NM	09/24/19	OP76962	GDD3125

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

FA68265-1, FA68265-2, FA68265-3, FA68265-4, FA68265-5, FA68265-6, FA68265-7, FA68265-8, FA68265-9, FA68265-10, FA68265-11, FA68265-12, FA68265-13, FA68265-14, FA68265-15, FA68265-16, FA68265-17, FA68265-18, FA68265-19, FA68265-20

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	109%	63-137%

Method Blank Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP76987-MB	DD108721.D	1	09/25/19	NM	09/25/19	OP76987	GDD3126

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

FA68265-21, FA68265-22, FA68265-23, FA68265-24, FA68265-25, FA68265-26, FA68265-27, FA68265-28, FA68265-29

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	114%	63-137%

Blank Spike Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP76962-BS	DD108674.D	1	09/24/19	NM	09/24/19	OP76962	GDD3125

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

FA68265-1, FA68265-2, FA68265-3, FA68265-4, FA68265-5, FA68265-6, FA68265-7, FA68265-8, FA68265-9, FA68265-10, FA68265-11, FA68265-12, FA68265-13, FA68265-14, FA68265-15, FA68265-16, FA68265-17, FA68265-18, FA68265-19, FA68265-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.26	104	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	107%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP76962-BS2	DD108675.D	1	09/24/19	NM	09/24/19	OP76962	GDD3125

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

FA68265-1, FA68265-2, FA68265-3, FA68265-4, FA68265-5, FA68265-6, FA68265-7, FA68265-8, FA68265-9, FA68265-10, FA68265-11, FA68265-12, FA68265-13, FA68265-14, FA68265-15, FA68265-16, FA68265-17, FA68265-18, FA68265-19, FA68265-20

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
106-93-4	1,2-Dibromoethane	0.25	0.25	100	72-134

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	105%	63-137%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP76987-BS	DD108720.D	1	09/25/19	NM	09/25/19	OP76987	GDD3126

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

FA68265-21, FA68265-22, FA68265-23, FA68265-24, FA68265-25, FA68265-26, FA68265-27, FA68265-28, FA68265-29

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	103%	63-137%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP76962-MS	DD108678.D	1	09/24/19	NM	09/24/19	OP76962	GDD3125
OP76962-MSD	DD108679.D	1	09/24/19	NM	09/24/19	OP76962	GDD3125
FA68265-1	DD108677.D	1	09/24/19	NM	09/24/19	OP76962	GDD3125

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

FA68265-1, FA68265-2, FA68265-3, FA68265-4, FA68265-5, FA68265-6, FA68265-7, FA68265-8, FA68265-9, FA68265-10, FA68265-11, FA68265-12, FA68265-13, FA68265-14, FA68265-15, FA68265-16, FA68265-17, FA68265-18, FA68265-19, FA68265-20

CAS No.	Compound	FA68265-1 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	0.24	0.22	92	0.241	0.23	95	4	72-134/28

CAS No.	Surrogate Recoveries	MS	MSD	FA68265-1	Limits
460-00-4	4-Bromofluorobenzene	90%	99%	110%	63-137%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FA68265
Account: TERCSCC Terracon Consulting
Project: Eddie's Pit Stop; Rt 2 Hwy 601 N, Pageland, SC

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP76987-MS	DD108724.D	1	09/25/19	NM	09/25/19	OP76987	GDD3126
OP76987-MSD	DD108725.D	1	09/25/19	NM	09/25/19	OP76987	GDD3126
FA68265-21	DD108723.D	1	09/25/19	NM	09/25/19	OP76987	GDD3126

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

FA68265-21, FA68265-22, FA68265-23, FA68265-24, FA68265-25, FA68265-26, FA68265-27, FA68265-28, FA68265-29

CAS No.	Compound	FA68265-21 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	0.24	0.26	108	0.24	0.23	96	12	72-134/28

CAS No.	Surrogate Recoveries	MS	MSD	FA68265-21	Limits
460-00-4	4-Bromofluorobenzene	134%	122%	119%	63-137%

* = Outside of Control Limits.

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT:
Access Analytical, Inc.
7478 Carlisle St.
Irmo, SC 29063
ATTN: Ashley Amick

PROJECT:
Terracon Consultants

DATE:
10.03.19

Primary Data Review By:

Project Manager, Pace Analytical

Secondary Data Review By:

Ashley B. Amick

Project Manager, Access Analytical
aamick@axs-inc.com

Notes:

- Unless otherwise noted, all analysis on this report performed at Pace Analytical Services, Inc. For a list of analyzing locations and certifications, please see page 3 of included analytical report.

- Local support services for this project are provided by Access Analytical, Inc. Please direct all questions regarding this project to your Access Analytical project manager at 803-781-4243 or at the email address listed above.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

Ashley Amick
Access Analytical, Inc.
7478 Carlisle St.
Irmo, SC 29063

RE: Project: Terracon Consultants
Pace Project No.: 92447103

Dear Ashley Amick:
Enclosed are the analytical results for sample(s) received by the laboratory on September 26, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Taylor Ezell
taylor.ezell@pacelabs.com
(704)875-9092
Project Manager

Enclosures

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Terracon Consultants
Pace Project No.: 92447103

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: Terracon Consultants
Pace Project No.: 92447103

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92447103001	**18871/PW-1**	Water	09/19/19 14:50	09/26/19 09:27
92447103002	**18871/PW-1 DUP**	Water	09/19/19 14:50	09/26/19 09:27
92447103003	**18871/FIELD BLANK**	Water	09/19/19 15:00	09/26/19 09:27
92447103004	**18871/TRIP BLANK**	Water	09/19/19 00:00	09/26/19 09:27

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Terracon Consultants
Pace Project No.: 92447103

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92447103001	**18871/PW-1**	EPA 504.1	BAJ	2	PASI-C
		EPA 524.2	GAW	9	PASI-C
		EPA 8260B	SAS	11	PASI-C
92447103002	**18871/PW-1 DUP**	EPA 504.1	BAJ	2	PASI-C
		EPA 524.2	GAW	9	PASI-C
		EPA 8260B	SAS	11	PASI-C
92447103003	**18871/FIELD BLANK**	EPA 504.1	BAJ	2	PASI-C
		EPA 524.2	GAW	9	PASI-C
		EPA 8260B	SAS	11	PASI-C
92447103004	**18871/TRIP BLANK**	EPA 524.2	GAW	9	PASI-C
		EPA 8260B	SAS	11	PASI-C

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Terracon Consultants
Pace Project No.: 92447103

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92447103001	**18871/PW-1**					
EPA 8260B	Diisopropyl ether	1.9	ug/L	1.0	10/02/19 06:03	
92447103002	**18871/PW-1 DUP**					
EPA 8260B	Diisopropyl ether	1.8	ug/L	1.0	10/02/19 06:21	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

PROJECT NARRATIVE

Project: Terracon Consultants
Pace Project No.: 92447103

Method: **EPA 504.1**
Description: 504 GCS EDB and DBCP
Client: Access Analytical, Inc.
Date: October 03, 2019

General Information:
3 samples were analyzed for EPA 504.1. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 504.1 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Terracon Consultants
Pace Project No.: 92447103

Method: **EPA 524.2**
Description: 524.2 MSV SC List
Client: Access Analytical, Inc.
Date: October 03, 2019

General Information:
4 samples were analyzed for EPA 524.2. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Terracon Consultants
Pace Project No.: 92447103

Method: **EPA 8260B**
Description: 8260 MSV Low Level SC
Client: Access Analytical, Inc.
Date: October 03, 2019

General Information:
4 samples were analyzed for EPA 8260B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 501018

L1: Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.

- LCS (Lab ID: 2694889)
  - tert-Butyl Formate

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 501018

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92447214009

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 2694891)
  - tert-Amyl Alcohol
  - tert-Butyl Alcohol

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: Terracon Consultants
Pace Project No.: 92447103

Method: **EPA 8260B**
Description: 8260 MSV Low Level SC
Client: Access Analytical, Inc.
Date: October 03, 2019

Additional Comments:

Analyte Comments:

QC Batch: 501018

1g: Initial calibration evaluation met acceptance criteria. Compound did not meet additional accuracy assessment for percent error for the following compounds

- LCS (Lab ID: 2694889)
  - tert-Butyl Formate

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Terracon Consultants
Pace Project No.: 92447103

Sample: 18871/PW-1 **Lab ID: 92447103001** Collected: 09/19/19 14:50 Received: 09/26/19 09:27 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	**0.011U**	ug/L	0.019	0.011	1	10/01/19 11:29	10/02/19 23:00	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	80	%	70-130		1	10/01/19 11:29	10/02/19 23:00	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	**0.00025U**	mg/L	0.00050	0.00025	1		10/01/19 03:04	71-43-2	
1,2-Dichloroethane	**0.00013U**	mg/L	0.00050	0.00013	1		10/01/19 03:04	107-06-2	
Ethylbenzene	**0.00026U**	mg/L	0.00050	0.00026	1		10/01/19 03:04	100-41-4	
Methyl-tert-butyl ether	**0.000094U**	mg/L	0.00050	0.000094	1		10/01/19 03:04	1634-04-4	
Naphthalene	**0.00031U**	mg/L	0.00050	0.00031	1		10/01/19 03:04	91-20-3	
Toluene	**0.00024U**	mg/L	0.00050	0.00024	1		10/01/19 03:04	108-88-3	
Xylene (Total)	**0.00025U**	mg/L	0.00050	0.00025	1		10/01/19 03:04	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	100	%	70-130		1		10/01/19 03:04	2199-69-1	
4-Bromofluorobenzene (S)	92	%	70-130		1		10/01/19 03:04	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260B								
tert-Amyl Alcohol	**53.9U**	ug/L	100	53.9	1		10/02/19 06:03	75-85-4	
tert-Amylmethyl ether	**3.5U**	ug/L	10.0	3.5	1		10/02/19 06:03	994-05-8	
3,3-Dimethyl-1-Butanol	**62.0U**	ug/L	100	62.0	1		10/02/19 06:03	624-95-3	
tert-Butyl Alcohol	**27.3U**	ug/L	100	27.3	1		10/02/19 06:03	75-65-0	
tert-Butyl Formate	**24.7U**	ug/L	50.0	24.7	1		10/02/19 06:03	762-75-4	L1
Diisopropyl ether	**1.9**	ug/L	1.0	0.22	1		10/02/19 06:03	108-20-3	
Ethanol	**98.8U**	ug/L	200	98.8	1		10/02/19 06:03	64-17-5	
Ethyl-tert-butyl ether	**3.7U**	ug/L	10.0	3.7	1		10/02/19 06:03	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/02/19 06:03	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-130		1		10/02/19 06:03	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/02/19 06:03	2037-26-5	

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ANALYTICAL RESULTS

Project: Terracon Consultants
Pace Project No.: 92447103

Sample: 18871/PW-1 DUP **Lab ID: 92447103002** Collected: 09/19/19 14:50 Received: 09/26/19 09:27 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	**0.011U**	ug/L	0.019	0.011	1	10/01/19 11:29	10/02/19 23:11	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	75	%	70-130		1	10/01/19 11:29	10/02/19 23:11	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	**0.00025U**	mg/L	0.00050	0.00025	1		10/01/19 02:38	71-43-2	
1,2-Dichloroethane	**0.00013U**	mg/L	0.00050	0.00013	1		10/01/19 02:38	107-06-2	
Ethylbenzene	**0.00026U**	mg/L	0.00050	0.00026	1		10/01/19 02:38	100-41-4	
Methyl-tert-butyl ether	**0.000094U**	mg/L	0.00050	0.000094	1		10/01/19 02:38	1634-04-4	
Naphthalene	**0.00031U**	mg/L	0.00050	0.00031	1		10/01/19 02:38	91-20-3	
Toluene	**0.00024U**	mg/L	0.00050	0.00024	1		10/01/19 02:38	108-88-3	
Xylene (Total)	**0.00025U**	mg/L	0.00050	0.00025	1		10/01/19 02:38	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	104	%	70-130		1		10/01/19 02:38	2199-69-1	
4-Bromofluorobenzene (S)	94	%	70-130		1		10/01/19 02:38	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260B								
tert-Amyl Alcohol	**53.9U**	ug/L	100	53.9	1		10/02/19 06:21	75-85-4	
tert-Amylmethyl ether	**3.5U**	ug/L	10.0	3.5	1		10/02/19 06:21	994-05-8	
3,3-Dimethyl-1-Butanol	**62.0U**	ug/L	100	62.0	1		10/02/19 06:21	624-95-3	
tert-Butyl Alcohol	**27.3U**	ug/L	100	27.3	1		10/02/19 06:21	75-65-0	
tert-Butyl Formate	**24.7U**	ug/L	50.0	24.7	1		10/02/19 06:21	762-75-4	L1
Diisopropyl ether	**1.8**	ug/L	1.0	0.22	1		10/02/19 06:21	108-20-3	
Ethanol	**98.8U**	ug/L	200	98.8	1		10/02/19 06:21	64-17-5	
Ethyl-tert-butyl ether	**3.7U**	ug/L	10.0	3.7	1		10/02/19 06:21	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/02/19 06:21	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-130		1		10/02/19 06:21	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		10/02/19 06:21	2037-26-5	

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ANALYTICAL RESULTS

Project: Terracon Consultants
Pace Project No.: 92447103

Sample: 18871/FIELD BLANK **Lab ID: 92447103003** Collected: 09/19/19 15:00 Received: 09/26/19 09:27 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	**0.011U**	ug/L	0.019	0.011	1	10/01/19 11:29	10/02/19 23:23	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	77	%	70-130		1	10/01/19 11:29	10/02/19 23:23	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	**0.00025U**	mg/L	0.00050	0.00025	1		09/27/19 18:07	71-43-2	
1,2-Dichloroethane	**0.00013U**	mg/L	0.00050	0.00013	1		09/27/19 18:07	107-06-2	
Ethylbenzene	**0.00026U**	mg/L	0.00050	0.00026	1		09/27/19 18:07	100-41-4	
Methyl-tert-butyl ether	**0.000094U**	mg/L	0.00050	0.000094	1		09/27/19 18:07	1634-04-4	
Naphthalene	**0.00031U**	mg/L	0.00050	0.00031	1		09/27/19 18:07	91-20-3	
Toluene	**0.00024U**	mg/L	0.00050	0.00024	1		09/27/19 18:07	108-88-3	
Xylene (Total)	**0.00025U**	mg/L	0.00050	0.00025	1		09/27/19 18:07	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	116	%	70-130		1		09/27/19 18:07	2199-69-1	
4-Bromofluorobenzene (S)	118	%	70-130		1		09/27/19 18:07	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260B								
tert-Amyl Alcohol	**53.9U**	ug/L	100	53.9	1		10/02/19 02:46	75-85-4	
tert-Amylmethyl ether	**3.5U**	ug/L	10.0	3.5	1		10/02/19 02:46	994-05-8	
3,3-Dimethyl-1-Butanol	**62.0U**	ug/L	100	62.0	1		10/02/19 02:46	624-95-3	
tert-Butyl Alcohol	**27.3U**	ug/L	100	27.3	1		10/02/19 02:46	75-65-0	
tert-Butyl Formate	**24.7U**	ug/L	50.0	24.7	1		10/02/19 02:46	762-75-4	L1
Diisopropyl ether	**0.22U**	ug/L	1.0	0.22	1		10/02/19 02:46	108-20-3	
Ethanol	**98.8U**	ug/L	200	98.8	1		10/02/19 02:46	64-17-5	
Ethyl-tert-butyl ether	**3.7U**	ug/L	10.0	3.7	1		10/02/19 02:46	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/02/19 02:46	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		10/02/19 02:46	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/02/19 02:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Terracon Consultants
Pace Project No.: 92447103

Sample: 18871/TRIP BLANK **Lab ID: 92447103004** Collected: 09/19/19 00:00 Received: 09/26/19 09:27 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	**0.00025U**	mg/L	0.00050	0.00025	1		09/27/19 17:41	71-43-2	
1,2-Dichloroethane	**0.00013U**	mg/L	0.00050	0.00013	1		09/27/19 17:41	107-06-2	
Ethylbenzene	**0.00026U**	mg/L	0.00050	0.00026	1		09/27/19 17:41	100-41-4	
Methyl-tert-butyl ether	**0.000094U**	mg/L	0.00050	0.000094	1		09/27/19 17:41	1634-04-4	
Naphthalene	**0.00031U**	mg/L	0.00050	0.00031	1		09/27/19 17:41	91-20-3	
Toluene	**0.00024U**	mg/L	0.00050	0.00024	1		09/27/19 17:41	108-88-3	
Xylene (Total)	**0.00025U**	mg/L	0.00050	0.00025	1		09/27/19 17:41	1330-20-7	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	108	%	70-130		1		09/27/19 17:41	2199-69-1	
4-Bromofluorobenzene (S)	111	%	70-130		1		09/27/19 17:41	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260B								
tert-Amyl Alcohol	**53.9U**	ug/L	100	53.9	1		10/02/19 03:04	75-85-4	
tert-Amylmethyl ether	**3.5U**	ug/L	10.0	3.5	1		10/02/19 03:04	994-05-8	
3,3-Dimethyl-1-Butanol	**62.0U**	ug/L	100	62.0	1		10/02/19 03:04	624-95-3	
tert-Butyl Alcohol	**27.3U**	ug/L	100	27.3	1		10/02/19 03:04	75-65-0	
tert-Butyl Formate	**24.7U**	ug/L	50.0	24.7	1		10/02/19 03:04	762-75-4	L1
Diisopropyl ether	**0.22U**	ug/L	1.0	0.22	1		10/02/19 03:04	108-20-3	
Ethanol	**98.8U**	ug/L	200	98.8	1		10/02/19 03:04	64-17-5	
Ethyl-tert-butyl ether	**3.7U**	ug/L	10.0	3.7	1		10/02/19 03:04	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/02/19 03:04	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70-130		1		10/02/19 03:04	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/02/19 03:04	2037-26-5	

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QUALITY CONTROL DATA

Project: Terracon Consultants
Pace Project No.: 92447103

QC Batch: 500424 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 92447103003, 92447103004

METHOD BLANK: 2692542 Matrix: Water
Associated Lab Samples: 92447103003, 92447103004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	mg/L	0.00013U	0.00050	0.00013	09/27/19 16:49	
Benzene	mg/L	0.00025U	0.00050	0.00025	09/27/19 16:49	
Ethylbenzene	mg/L	0.00026U	0.00050	0.00026	09/27/19 16:49	
Methyl-tert-butyl ether	mg/L	0.000094U	0.00050	0.000094	09/27/19 16:49	
Naphthalene	mg/L	0.00031U	0.00050	0.00031	09/27/19 16:49	
Toluene	mg/L	0.00024U	0.00050	0.00024	09/27/19 16:49	
Xylene (Total)	mg/L	0.00025U	0.00050	0.00025	09/27/19 16:49	
1,2-Dichlorobenzene-d4 (S)	%	110	70-130		09/27/19 16:49	
4-Bromofluorobenzene (S)	%	112	70-130		09/27/19 16:49	

LABORATORY CONTROL SAMPLE: 2692543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	mg/L	0.05	0.050	99	70-130	
Benzene	mg/L	0.05	0.049	99	70-130	
Ethylbenzene	mg/L	0.05	0.051	101	70-130	
Methyl-tert-butyl ether	mg/L	0.05	0.051	103	70-130	
Naphthalene	mg/L	0.05	0.055	109	70-130	
Toluene	mg/L	0.05	0.049	98	70-130	
Xylene (Total)	mg/L	0.15	0.15	100		
1,2-Dichlorobenzene-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: Terracon Consultants
Pace Project No.: 92447103

QC Batch: 500676 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 92447103001, 92447103002

METHOD BLANK: 2693655 Matrix: Water
Associated Lab Samples: 92447103001, 92447103002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	mg/L	0.00013U	0.00050	0.00013	09/30/19 23:38	
Benzene	mg/L	0.00025U	0.00050	0.00025	09/30/19 23:38	
Ethylbenzene	mg/L	0.00026U	0.00050	0.00026	09/30/19 23:38	
Methyl-tert-butyl ether	mg/L	0.000094U	0.00050	0.000094	09/30/19 23:38	
Naphthalene	mg/L	0.00031U	0.00050	0.00031	09/30/19 23:38	
Toluene	mg/L	0.00024U	0.00050	0.00024	09/30/19 23:38	
Xylene (Total)	mg/L	0.00025U	0.00050	0.00025	09/30/19 23:38	
1,2-Dichlorobenzene-d4 (S)	%	106	70-130		09/30/19 23:38	
4-Bromofluorobenzene (S)	%	99	70-130		09/30/19 23:38	

LABORATORY CONTROL SAMPLE: 2693656

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	mg/L	0.02	0.017	86	70-130	
Benzene	mg/L	0.02	0.017	85	70-130	
Ethylbenzene	mg/L	0.02	0.017	84	70-130	
Methyl-tert-butyl ether	mg/L	0.02	0.019	94	70-130	
Naphthalene	mg/L	0.02	0.022	112	70-130	
Toluene	mg/L	0.02	0.017	84	70-130	
Xylene (Total)	mg/L	0.06	0.052	86		
1,2-Dichlorobenzene-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Terracon Consultants
Pace Project No.: 92447103

QC Batch: 501018 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV Low Level SC
Associated Lab Samples: 92447103001, 92447103002, 92447103003, 92447103004

METHOD BLANK: 2694888 Matrix: Water
Associated Lab Samples: 92447103001, 92447103002, 92447103003, 92447103004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	62.0U	100	62.0	10/02/19 02:28	
Diisopropyl ether	ug/L	0.22U	1.0	0.22	10/02/19 02:28	
Ethanol	ug/L	98.8U	200	98.8	10/02/19 02:28	
Ethyl-tert-butyl ether	ug/L	3.7U	10.0	3.7	10/02/19 02:28	
tert-Amyl Alcohol	ug/L	53.9U	100	53.9	10/02/19 02:28	
tert-Amylmethyl ether	ug/L	3.5U	10.0	3.5	10/02/19 02:28	
tert-Butyl Alcohol	ug/L	27.3U	100	27.3	10/02/19 02:28	
tert-Butyl Formate	ug/L	24.7U	50.0	24.7	10/02/19 02:28	
1,2-Dichloroethane-d4 (S)	%	106	70-130		10/02/19 02:28	
4-Bromofluorobenzene (S)	%	101	70-130		10/02/19 02:28	
Toluene-d8 (S)	%	103	70-130		10/02/19 02:28	

LABORATORY CONTROL SAMPLE: 2694889

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	1000	1010	101	70-130	
Diisopropyl ether	ug/L	50	53.0	106	70-130	
Ethanol	ug/L	2000	1950	98	70-130	
Ethyl-tert-butyl ether	ug/L	100	103	103	70-130	
tert-Amyl Alcohol	ug/L	1000	1110	111	70-130	
tert-Amylmethyl ether	ug/L	100	113	113	70-130	
tert-Butyl Alcohol	ug/L	500	633	126	70-130	
tert-Butyl Formate	ug/L	400	741	185	70-130	1g,L1
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 2694891

Parameter	Units	92447214009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	400	451	113	70-130	
Diisopropyl ether	ug/L	ND	20	23.6	118	70-130	
Ethanol	ug/L	ND	800	898	112	70-130	
Ethyl-tert-butyl ether	ug/L	ND	40	46.4	116	70-130	
tert-Amyl Alcohol	ug/L	ND	400	527	132	70-130	M1
tert-Amylmethyl ether	ug/L	ND	40	47.8	120	70-130	
tert-Butyl Alcohol	ug/L	ND	200	386	185	70-130	M1
tert-Butyl Formate	ug/L	ND	160	141	88	70-130	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Terracon Consultants
Pace Project No.: 92447103

MATRIX SPIKE SAMPLE: 2694891

Parameter	Units	92447214009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 2694890

Parameter	Units	92447214008 Result	Dup Result	RPD	Max RPD	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	62.0U		30	
Diisopropyl ether	ug/L	ND	0.22U		30	
Ethanol	ug/L	ND	98.8U		30	
Ethyl-tert-butyl ether	ug/L	ND	3.7U		30	
tert-Amyl Alcohol	ug/L	ND	53.9U		30	
tert-Amylmethyl ether	ug/L	ND	3.5U		30	
tert-Butyl Alcohol	ug/L	172	190	10	30	
tert-Butyl Formate	ug/L	ND	24.7U		30	
1,2-Dichloroethane-d4 (S)	%	108	112			
4-Bromofluorobenzene (S)	%	98	100			
Toluene-d8 (S)	%	102	101			

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Terracon Consultants
Pace Project No.: 92447103

QC Batch: 500925 Analysis Method: EPA 504.1
QC Batch Method: EPA 504.1 Analysis Description: GCS 504 EDB DBCP
Associated Lab Samples: 92447103001, 92447103002, 92447103003

METHOD BLANK: 2694509 Matrix: Water
Associated Lab Samples: 92447103001, 92447103002, 92447103003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.011U	0.020	0.011	10/02/19 22:26	
1-Chloro-2-bromopropane (S)	%	87	70-130		10/02/19 22:26	

LABORATORY CONTROL SAMPLE & LCSD: 2694510 2694511

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.21	0.22	85	86	70-130	3	20	
1-Chloro-2-bromopropane (S)	%				84	85	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2694513 2694514

Parameter	Units	92447133002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.24	0.24	0.21	0.22	88	93	65-135	6	20	
1-Chloro-2-bromopropane (S)	%						83	93	70-130			

SAMPLE DUPLICATE: 2694512

Parameter	Units	92447133001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.011U		20	
1-Chloro-2-bromopropane (S)	%	97	86			

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Terracon Consultants
Pace Project No.: 92447103

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

1g	Initial calibration evaluation met acceptance criteria. Compound did not meet additional accuracy assessment for percent error for the following compounds
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Terracon Consultants
Pace Project No.: 92447103

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92447103001	**18871/PW-1**	EPA 504.1	500925	EPA 504.1	500998
92447103002	**18871/PW-1 DUP**	EPA 504.1	500925	EPA 504.1	500998
92447103003	**18871/FIELD BLANK**	EPA 504.1	500925	EPA 504.1	500998
92447103001	**18871/PW-1**	EPA 524.2	500676		
92447103002	**18871/PW-1 DUP**	EPA 524.2	500676		
92447103003	**18871/FIELD BLANK**	EPA 524.2	500424		
92447103004	**18871/TRIP BLANK**	EPA 524.2	500424		
92447103001	**18871/PW-1**	EPA 8260B	501018		
92447103002	**18871/PW-1 DUP**	EPA 8260B	501018		
92447103003	**18871/FIELD BLANK**	EPA 8260B	501018		
92447103004	**18871/TRIP BLANK**	EPA 8260B	501018		

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Pace Analytical®	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☑ Raleigh ☐ Mechanicsville ☐

Sample Condition Upon Receipt

Client Name: Terracon Consultants **Project #:**

WO# : 92447103

92447103

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other:

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: DB 9/26/19

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 92T049 **Type of Ice:** ☑ Wet ☐ Blue ☐ None

Cooler Temp (°C): 1.3 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 1.3

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☑ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☑ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☑ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☐ Yes	☑ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC? -includes Date/Time/ID/Analysis Matrix: WT	☑ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☑ Yes	☐ No	☐ N/A	10.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

Headspace in Trip Blanks 2/2

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: TB **Date:** 9/26

Project Manager SRF Review: TB **Date:** 9/26

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project # WO#: 92447103

PM: PTE Due Date: 10/03/19

CLIENT: 92-Access

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)	VG9H	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	\																								6			
2	\																								6			
3	\																								5			
4	\																								2			
5	\																								\			
6	\																								\			
7	\																								\			
8	\																								\			
9	\																								\			
10	\																								\			
11	\																								\			
12	\																								\			

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, Incorrect containers.

Access Lab Report #: Access Analytical

Sub Lab (if applicable): PACE / Sub Report #: _____

Access Analytical, Inc. -- Irmo
15 Thames Valley Rd. ~ Irmo, SC 29063
Phone: 803-781-4243 / Fax: 803-781-4303 / www.axs-inc.com
SCDHEC Lab Certification # 32571

Chain of Custody Record

Client:	Terracon Consultants					Preservatives (see codes):		1	1	1									
Attn:	Regan Norris					Bottle Types (see codes):		6	6	6									
Address:	521 Clemson Road							BTEX, Naph, MTBE, 1,2 DCA by 524.2	0 & G	Ext w/ EDB - 504.1									
City:	Columbia	State:	SC	Zip Code:	29229														
Phone:	803-741-9000	Fax:																	
Email:	Regan.Norris@terracon.com																		
Project Name:	Eddies pitt stop																		
Sampled By (Signature):																			

Lab ID:	Sample Name:	Date Collected:	Time Collected:	G=Grab C=Comp	Matrix (see codes)	Program Area (see codes)	Total # Containers	# Containers per Test >>								Notes / Comments
	18871 / PW-1	9/19/19	1450	G	GW	SHW	6	2	2	2						* - DCA - 524.2 92447103-001
	18871 / PW-1 DUP	9/19/19	1450	G	GW	SHW	6	2	2	2						002
	18871 / Field Blank	9/19/19	1500	G	GW	SHW	6	2	2	2						003
	18871 / Trip Blank	9/19/19					2	2								004

Preservation Codes / Bottle Types:

***Preservative Codes:**
0 = None, **1** = HCL, **2** = HNO3, **3** = H_2SO_4, **4** = NaOH, **5** = $Na_2S_2O_3$, **6** = Method 5035 set w/ $NaHSO_4$ & CH_3OH, **7** = NaOH/ZnOAC, **8** = H_3PO_4, **9** = cooled to ≤6°C, **10** = cooled to ≤10°C, **11** = Amm.Cl⁻, **12** = Ascorbic Acid / HCL, **13** = EDA

***Matrix Codes:**
GW = ground water, **WW** = waste water, **DW** = drinking water, **SW** = surface/storm water, **S** = soil, **SL** = sludge, **A** = air, **IW** = industrial waste, **O** = other (specify in comments section)

***Program Area Codes:**
CWA = Clean Water Act (for wastewaters), **SDWA** = Safe Drinking Water Act (for drinking water), **SHW** = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

Auto Sampler Data (composite samples only):

Date/Time Set On: _____ by whom: _____

Date/Time Off: _____ by whom: _____

Meter Reading After: _____

Meter Reading Before: _____

Difference: _____

X _____(factor): _____

Turnaround Time Requested:		Project Location:		Relinquished By:	Received By:	Date:	Time (24hr):	Samples Received on Ice:
Standard	✓	SC	✓			9/20/19	1330	X Y ___N ___N/A 1.0°C
Rush *		NC			PACE	9/26/19	9:27	___Y ___N ___N/A 1.3°C
*Date Required		Other (Specify):						___Y ___N ___N/A
								___Y ___N ___N/A

Rush data emailed/faxed by end of business day on date required. Standard TAT is 7-10 business days.

Chain of Custody Page 1 of 1

Received in lab by: _____

Sample Temp. Receipt in Lab: _____ (°C) **Ref: RT1** **Ref: RT2**

White Copy: Lab original / Canary Copy: Client Copy

NOTE: Relinquishing samples via this Chain of Custody document constitutes client acceptance of Access Analytical terms and conditions.

APPENDIX G

Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number

GENERATOR

5. Generator's Name and Mailing Address
SC DOT
PO BOX 191
COLUMBIA, SC 29202

Generator's Site Address (if different than mailing address)
EDDIE'S PITT STOP
ROUTE 2, HIGHWAY 601 NORTH
PAGELAND, SC

Generator's Phone:

6. Transporter 1 Company Name: TERRACON — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: T K TANK SERVICES INC.
425 BOULEVARD RD.
SUMTER, SC
803-418-5314
U.S. EPA ID Number:
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.				26	6	
2.	nonhazardous petroleum contaminated water/product					
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Casey Newman — Signature: Casey Newman — Month Day Year: 10 7 19

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

CERTIFICATE OF DISPOSAL

T K TANK SERVICES, INC.

Certifies to all that

26 GALLONS

Of Nonhazardous, Petroleum Contaminated Water / Product

Have been disposed of in accordance with EPA regulations on petroleum contaminated water.

This product was generated at

EDDIE'S PITT STOP

10/7/2019

DATE

Casey Kelly Newman

SIGNATURE

APPENDIX K

SCDHEC QAPP Contractors Checklist

CONTRACTOR CHECKLIST

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
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			X
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			X
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			X
31	Have recommendations for further action been provided and explained?	X		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			X
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	X		
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	X		
40	Has the site potentiometric map been provided? (Figure 5)	X		
41	Have the geologic cross-sections been provided? (Figure 6)			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements? (Appendix A)			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	X		
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements? (Appendix C)			X
47	Have the soil boring/field screening logs been provided? (Appendix D)			X
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			X
50	Have the disposal manifests been provided? (Appendix G)	X		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			X
52	Has all fate and transport modeling been provided? (Appendix I)			X
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			X
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		

Explanation for missing or incomplete information

dhec
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JUN 0 2 2020

UST 37 DOCKETING

TIM HUNTER
SC DEPARTMENT OF TRANSPORTATION
PO BOX 191
COLUMBIA SC 29202

Re: **Site-Specific Work Plan Request for Groundwater Sampling**
Eddie's Pit Stop, Rt 2 Hwy 601 N, Pageland, SC
UST Permit #18871
Release reported August 29, 2002
Monitoring Report received November 18, 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 release along with all water supply wells 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 #18871. 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: Terracon Consultants, Inc., 521 Clemson Rd, Columbia, SC 29229
Technical file

dhec
Healthy People Healthy Communities

JUN 0 4 2020

UST 38 DOCKETING

TIM HUNTER
SC DEPARTMENT OF TRANSPORTATION
PO BOX 191
COLUMBIA SC 29202

Re: **Site-Specific Work Plan Request for Groundwater Sampling**
Eddie's Pit Stop, Rt 2 Hwy 601 N, Pageland, SC
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Sincerely,

Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Terracon Consultants, Inc., 521 Clemson Rd, Columbia, SC 29229
Technical file

LETTER OF TRANSMITTAL

Terracon
521 Clemson Rd.
Columbia, SC 29229
803-741-9000 / 803-741-9900 fax

TO Ms. Amanda Feltz.

SCDHEC
Bureau of Land and Waste Management

UST Program
2600 Bull St.

Columbia, SC 29201

DATE 6/22/2020	JOB NO. 73098106
RE: Eddies Pit Stop Site-Specific Work Plan/ GWS	
UST Permit # 18871	

WE ARE SENDING YOU **X** Attached ☐ Under separate cover via _____ the following items:

COPIES	DATE	DESCRIPTION
1	6/22/2020	Site Specific Work Plan/ GWS

THESE ARE TRANSMITTED as checked below:

X For approval
☐ For your use
☐ As requested
☐ For review and comment

☐ Approved as submitted
☐ Approved as noted
☐ Returned for corrections

☐ Resubmit ___ copies for approval
☐ Submit ___ copies for distribution
☐ Return ___ corrected prints

REMARKS:

Enclosed is the SSWP for the above referenced site. Please feel free to call me if you have any questions.

COPY TO: Tim Hunter/ SCDOT – e-mail

SIGNED: **Mike Hudgins**

If enclosures are not as noted, kindly notify us at once.

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Amanda Feltz (SCDHEC Project Manager)
From: Mike Hudgins (Contractor Project Manager)
Contractor: Terracon Consultants UST Contractor Certification Number: 246

Facility Name: Eddie's Pit Stop UST Permit #: 18871
Facility Address: Route 2 & Highway 601, Pageland, SC
Responsible Party: South Carolina Department of Transportation Phone: 803-737-1395
RP Address: P.O. Box 191, Columbia, SC 29202-0191
Property Owner (if different): Eric Simpson
Property Owner Address: P.O. Box 1513, Lancaster, SC 29721
Current Use of Property: Vacant gas station.

Scope of Work (Please check all that apply)

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

Analyses (Please check all that apply)

Groundwater/Surface Water:

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

Drinking Water Supply Wells:

☑ BTEXNMDCA (524.2) ☐ Mecury (200.8 245.1 or 245.2) ☑ EDB (504.1)
☐ Oxygenates & Ethanol (8260B) ☐ RCRA Metals (200.8)

Soil:

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

Air:

☐ BTEXN

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

_____ Soil	1 Water Supply Wells	_____ Air	4 Field Blank
31 Monitoring Wells	_____ Surface Water	3 Duplicate	2 Trip Blank

Field Screening Methodology

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

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.
# of shallow wells: _____ Estimated Footage: _____ feet per point
# of deep wells: _____ Estimated Footage: _____ feet per point
# of recovery wells: _____ Estimated Footage: _____ feet per point
Comments, if warranted:

_____
_____

UST Permit #: 18871 Facility Name: Eddie's Pit Stop

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 7 Field Work Completion: 31
Report Submittal: 46 # of Copies Provided to Property Owners: 2

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

Investigation Derived Waste Disposal
Soil: _____ Tons Purge Water: 100 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

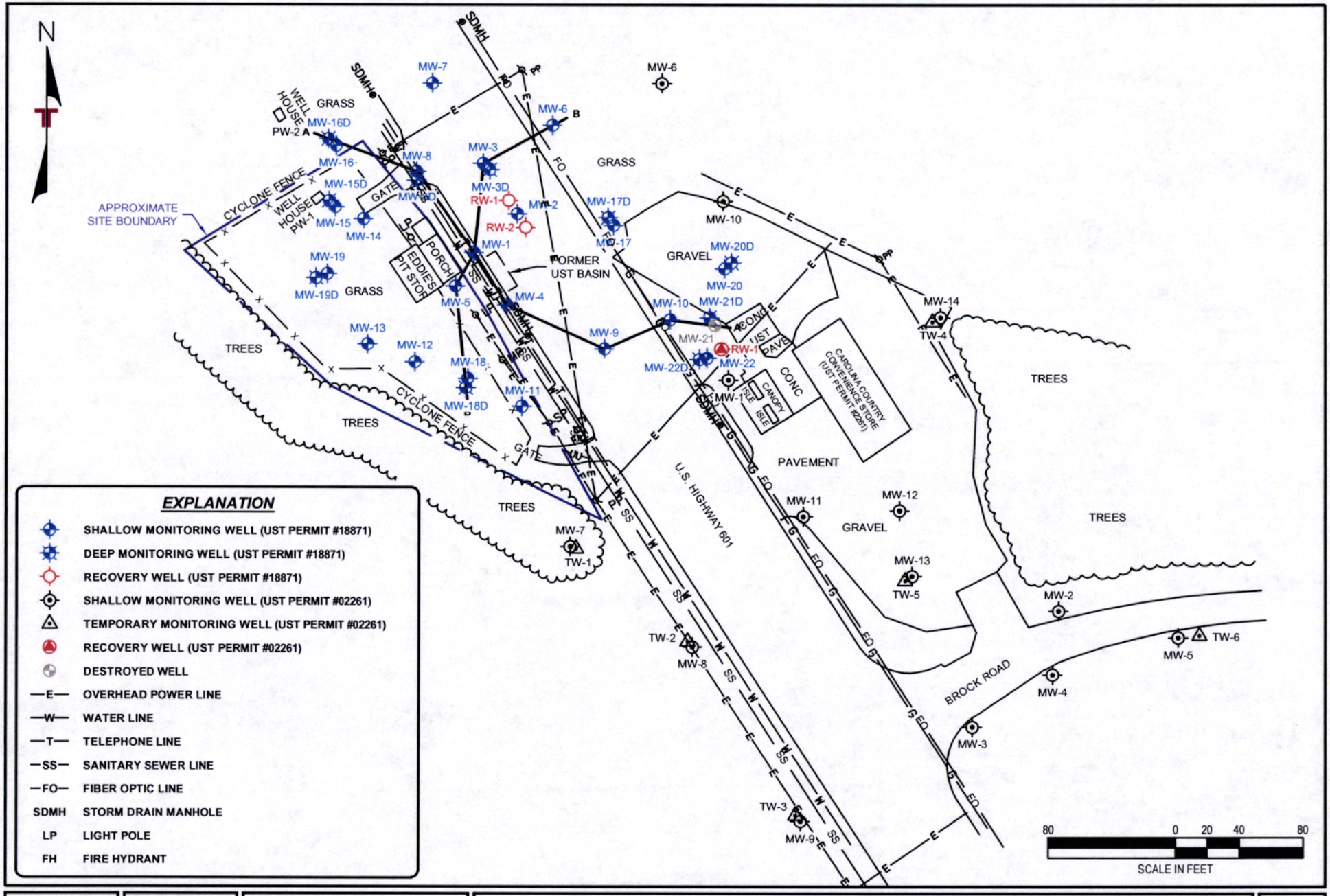
Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.
All monitoring wells associated with the site will be sampled during this ground water sampling event. Monitoring wells with well screens bracketing the water table will be sampled as non-purge sample collection. Wells with screens that do not bracket the water table and water supply well PW-1 will be will be purged utilizing the low-flow parametric method listed in Terracon's SOP. Due to the location of monitoring wells; MW-2, MW-3, MW-3D, MW-7, MW-9, RW-1, and RW-2 in the median of Hwy. 601 will not be sampled as part of this investigation (per e-mail correspondence with Amanda Feltz/ SCDHEC) .

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

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

____ 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



EXPLANATION

- SHALLOW MONITORING WELL (UST PERMIT #18871)
- DEEP MONITORING WELL (UST PERMIT #18871)
- RECOVERY WELL (UST PERMIT #18871)
- SHALLOW MONITORING WELL (UST PERMIT #02261)
- TEMPORARY MONITORING WELL (UST PERMIT #02261)
- RECOVERY WELL (UST PERMIT #02261)
- DESTROYED WELL
- —E— OVERHEAD POWER LINE
- —W— WATER LINE
- —T— TELEPHONE LINE
- —SS— SANITARY SEWER LINE
- —FO— FIBER OPTIC LINE
- SDMH STORM DRAIN MANHOLE
- LP LIGHT POLE
- FH FIRE HYDRANT

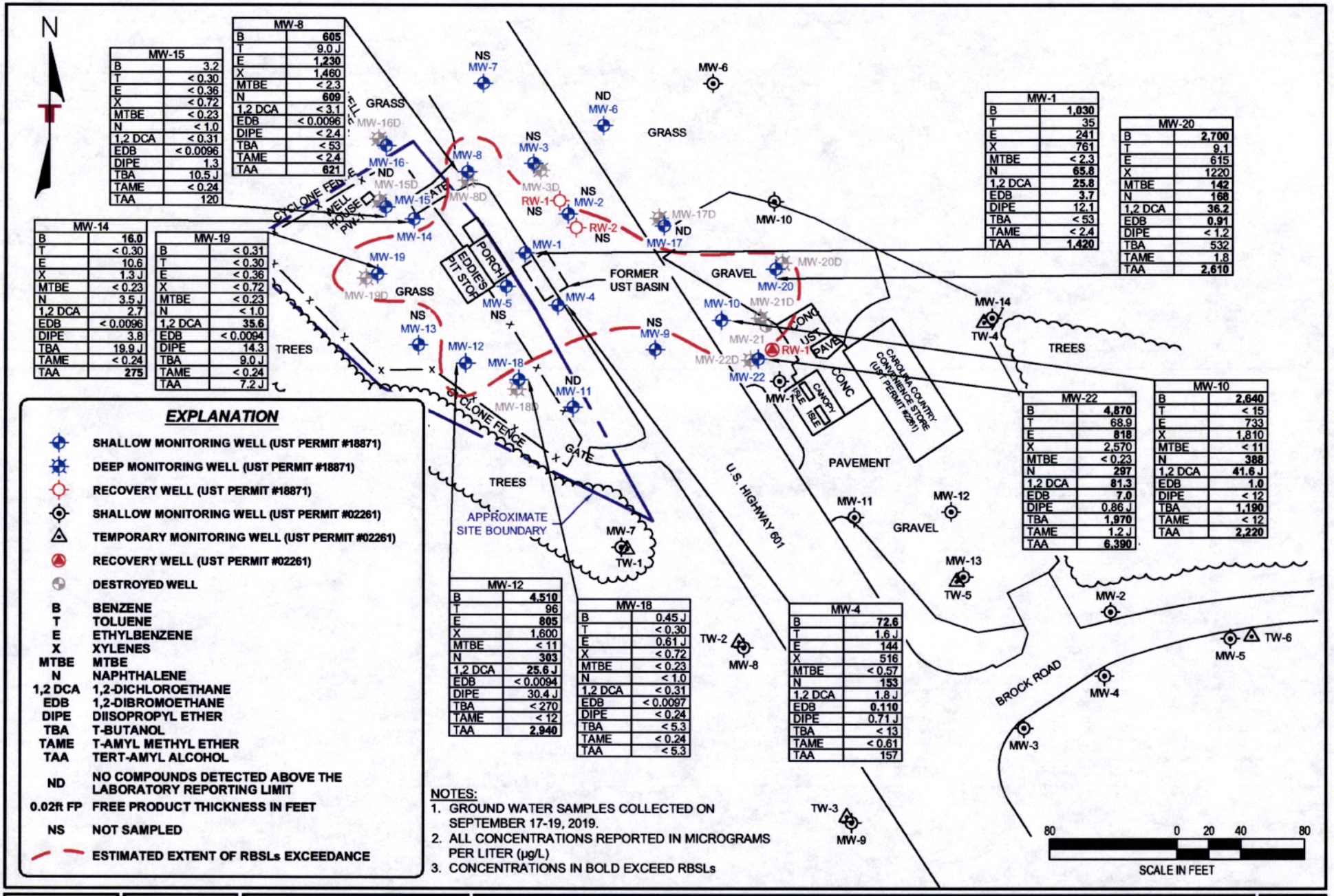
Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	JUNE 2018

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

SITE MAP WITH UTILITIES

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 2



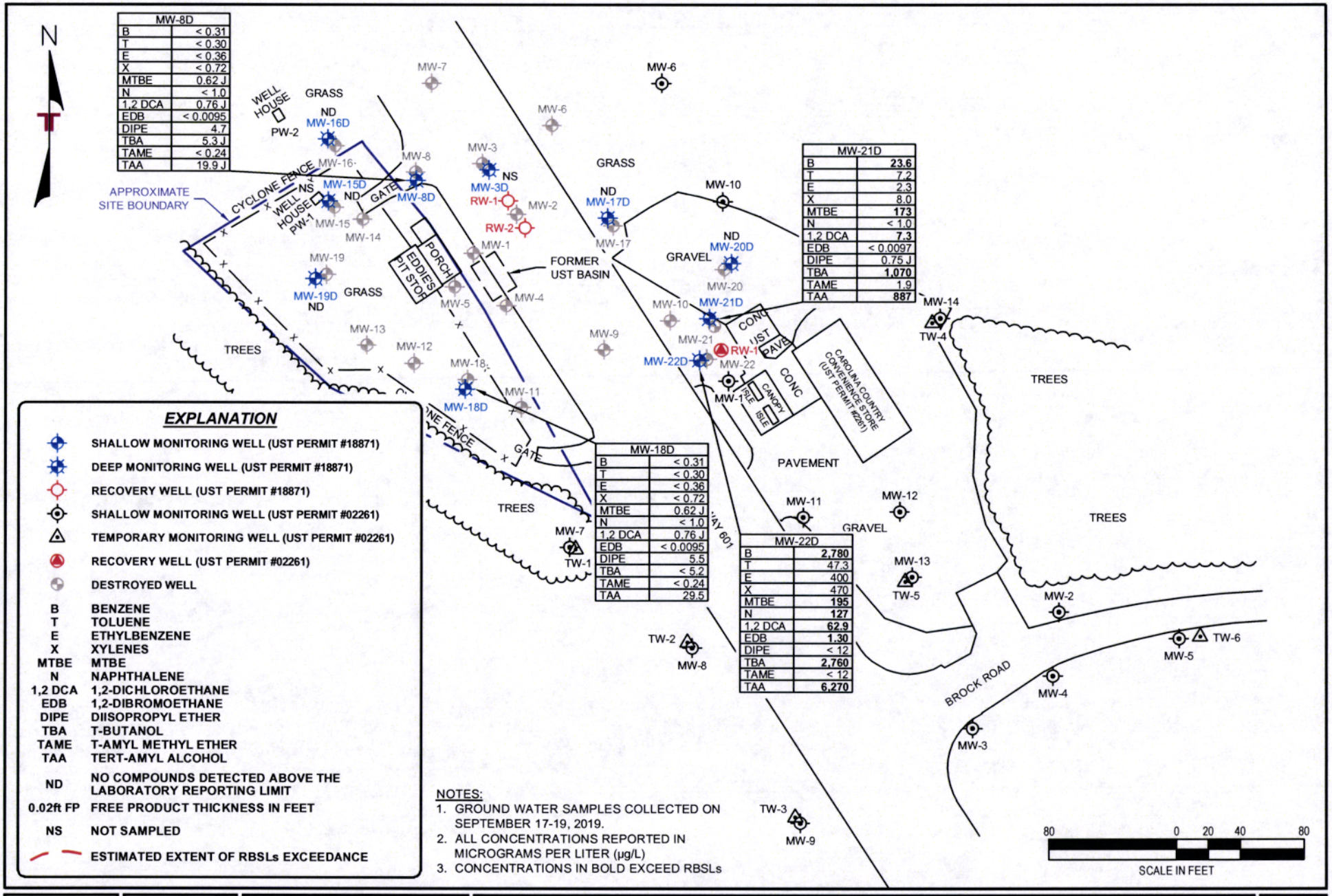
Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

COC CONCENTRATION MAP OF THE UPPER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 4



Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	OCTOBER 2019

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

COC CONCENTRATION MAP OF THE LOWER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 4A

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: Eddies Pitt Stop

UST Permit #: 18871 **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 **Sample, Disposal**	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		per well	$64.02		$0.00
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	25	sample	$29.88		$747.00
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	4	sample	$26.25		$105.00
9. Groundwater (low flow purge)	9	sample	$97.10		$873.90
10. Equipment Blank		sample	$26.25		$0.00
K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	39	per sample	$130.17		$5,076.63
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	38	per sample	$48.23		$1,832.74
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	100	gallon	$0.60		$60.00
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)**					$0.00
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

Norris, Regan W.

From: Feltz, Amanda L. <feltzal@dhec.sc.gov>
Sent: Monday, June 22, 2020 1:00 PM
To: Norris, Regan W.
Subject: Re: Eddies Pit Stop, UST No. 18871

Regan,

It is okay for you to skip sampling these wells. I wasn't aware of the situation, I'll be sure to make a note of it now. 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

On Jun 22, 2020, at 12:36 PM, Norris, Regan W. <Regan.Norris@terracon.com> wrote:

*** Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***
Amanda,

I am preparing the SSWP for the above referenced site. I have a question regarding the monitoring and recovery wells in the middle of Hwy 601. For last sampling event DHEC said to not sample the wells in the road. Do you want to do the same thing for this event or should I get a quote from a traffic control company. The cost to close the road will be about 2,000.00 dollars. Hwy 601 is a very dangerous road to work in, so traffic control will be necessary to sample these wells.

Thanks,

Regan W. Norris

Office: 803.212.0063
Cell: 803.518.4707

Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

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	$10,980.47		$1,317.66
TOTAL					$12,298.13

DHEC D-4073 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary

dhec
Healthy People Healthy Communities

TIM HUNTER
SC DEPARTMENT OF TRANSPORTATION
PO BOX 191
COLUMBIA SC 29202

JUL 2 0 2020

Re: **Site-Specific Work Plan Approval and Groundwater Sampling Notice to Proceed**
Eddie's Pit Stop, Rt 2 Hwy 601 N, Pageland, SC
UST Permit #18871; CA #62159
Release #1 reported August 29, 2002
Site Specific Work Plan received July 6, 2020
Chesterfield County

Dear Mr. Hunter:

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. to 3 personnel mob.
- Decreased J.4. to 24 groundwater no purge or duplicate or grab.
- Decreased K.1. to 37 samples.
- Decreased K.7. to 36 samples.
- Increased Y.1. to 2 additional copies.

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.

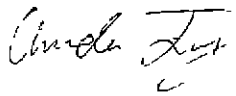
Please note that sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that the SUPERB Account cannot compensate any costs that are not pre-approved. If for any reason additional tasks will be completed, these additional tasks, and the associated cost, must be pre-approved by the UST Division 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 #18871. 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: Terracon Consultants, Inc., 521 Clemson Rd, Columbia, SC 29229 (w/enc)
Technical file (w/enc)

Approved Cost Agreement 62159

Facility. 18871 EDDIES PIT STOP
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					
		3 WATER SUPPLY SAMPLE/ DUPLICATE	2.0000	$23.470	46.94
		4 GROUNDWATER NO-PURGE/DUPL/GRAB	24 0000	$29.880	717 12
		8 FIELD BLANK	4 0000	$26.250	105 00
		9 GROUNDWATER (LOW FLOW PURGE)	9.0000	$97.100	873.90
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	37.0000	$130 170	4,816.29
		7 EDB BY EPA 8011	36.0000	$48.230	1,736.28
Q DISPOSAL					
		1 WASTEWATER	100 0000	$0 600	60 00
S REPORT PROJECT MANAGEMENT					
		S REPORT PREP & PROJ. MANAGEMENT	0 1200	$11,151.830	1,338 22
Y WELL REPAIR					
		1 ADDITIONAL COPIES OF REPORT	2 0000	$53 350	106 70
			Total Amount		12,490 05

LETTER OF TRANSMITTAL

Terracon
521 Clemson Rd.
Columbia, SC 29229
803-741-9000 / 803-741-9900 fax

UST 41 Feeds DOCUMENTS

TO Ms. Amanda Feltz

SCDHEC
Bureau of Land and Waste Management

UST Program
2600 Bull St.

Columbia, SC 29201

DATE 11/13/20	JOB NO. 73098106
RE: Eddie's Pit Stop GWS Report	
UST Permit # 18871	

WE ARE SENDING YOU **X** Attached ☐ Under separate cover via _____ the following items:

UST NOV 17 2020 PROGRAM

COPIES	DATE	DESCRIPTION
1	11/13/20	Report of Ground Water Sampling (CD + Hard Copy)

THESE ARE TRANSMITTED as checked below:

☐ For approval
☐ For your use
☐ As requested
☐ For review and comment

☐ Approved as submitted
☐ Approved as noted
☐ Returned for corrections

☐ Resubmit ___ copies for approval
☐ Submit ___ copies for distribution
☐ Return ___ corrected prints

REMARKS:

Enclosed is the report for the above referenced site. Please feel free to call me if you have any questions.

COPY TO: Tim Hunter / SCDOT (e-mail)

SIGNED: **Mike Hudgins**

If enclosures are not as noted, kindly notify us at once.

LETTER OF TRANSMITTAL

521 Clemson Rd.
Columbia, SC 29229
803-741-9000 / 803-741-9900 fax

TO Ms. Amanda Feltz

SCDHEC
Bureau of Land and Waste Management

UST Program
2600 Bull St.

Columbia, SC 29201

DATE 11/13/20	JOB NO. 73098106
RE: Eddie's Pit Stop GWS Report	
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COPIES	DATE	DESCRIPTION
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THESE ARE TRANSMITTED as checked below:

☐ For approval
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☐ Returned for corrections
☐ Resubmit ___ copies for approval
☐ Submit ___ copies for distribution
☐ Return ___ corrected prints

REMARKS:

Enclosed is the report for the above referenced site. Please feel free to call me if you have any questions.

COPY TO: Tim Hunter / SCDOT (e-mail)

SIGNED: **Mike Hudgins**

If enclosures are not as noted, kindly notify us at once.

Ground Water Assessment Report

Eddies Pitt Stop
Route 2, US Highway 601 North
Pageland, South Carolina

UST PERMIT # 18871

November 13, 2020
Terracon Project No. 73098106

Prepared for:
South Carolina Department of Transportation
P.O. Box 191
Columbia, South Carolina 29202

Prepared by:
Terracon Consultants, Inc.
Columbia, South Carolina

Offices Nationwide Employee-Owned
Established in 1965 terracon.com
Terracon
Geotechnical ■ Environmental ■ Construction Materials ■ Facilities

November 13, 2019

Ms. Amanda Feltz
South Carolina Department of Health
and Environmental Control
Bureau of Land and Waste Management
UST Program
2600 Bull Street
Columbia, South Carolina 29201

Re: ***Report of Ground Water Assessment***
Eddies Pitt Stop
Route 2, US Highway 601 North, Pageland, South Carolina
UST Permit # 18871; CA #62159
Terracon Project No. 73098106

Dear Ms. Feltz,

On behalf of the South Carolina Department of Transportation, **Terracon Consultants, Inc.** is pleased to submit this Ground Water Assessment Report for the Eddies Pitt Stop in Pageland, South Carolina. This report summarizes the results of the assessment activities and our conclusions and recommendations.

If you have any questions regarding the contents of this report, or if you need additional information, please contact us at (803) 741-9000.

Sincerely,

Terracon Consultants, Inc.
UST Contractor Certification No. 246

Jordan Floyd
Staff Scientist

P. Michael Hudgins, P.G.
Senior Hydrogeologist
S.C. Registration No. 1137

P. MICHAEL HUDGINS REGISTERED NO. 1137 SOUTH CAROLINA PROFESSIONAL GEOLOGIST

Attachment

cc: Tim Hunter/SCDOT

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SECTION **PAGE NO.**

Cover Letter

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2 Site Map with Utilities
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4A COC Concentration Map of the Lower Portion of the Shallow Aquifer
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K SCDHEC QAPP Contractors Checklist

Note: *Figure 3, Table 1, and select Appendices were omitted intentionally to adhere to the reporting format as required by the QAPP.*

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) has completed a comprehensive ground water sampling at the Eddies Pitt Stop site located in Pageland, South Carolina. The purpose of this assessment was to determine the current ground water quality conditions from a reported underground storage tank (UST) release at the site. The work was performed in accordance with the South Carolina Department of Health and Environmental Control (SCDHEC) Cost Agreement #62159 dated July 6, 2020, Terracon's Annual Contractor Quality Assurance Plan (ACQAP), and Site Specific Work Plan (SSWP) received by SCDHEC from Terracon on July 20, 2020. This report includes a description of the activities performed during this assessment, along with our current findings, conclusions and recommendations.

1.1 Site Description and History

The site is bound to the east by US Highway 601 and the Carolina Country Convenience Store (UST Permit # 02261) to the south by agricultural land; to the west by the remainder of the former Eddie's Pit Stop property; and to the north by residential land. A topographic map showing the site location is presented as Figure 1.

The site is composed of a vacant gas station. The property is owned by South Carolina Department of Transportation (SCDOT).

Carolina Country Convenience Store (UST Permit # 02261) currently operates an UST system located approximately 150 feet east from the former Eddie's UST basin across Highway 601. According to the SCDHEC database, the site has a reported release dated September 30, 2008 and a confirmed clean up date of November 6, 2008.

A water well survey was conducted as part of a previous assessment. Two irrigation or water supply wells (PW-1 and PW-2) were observed within a ½ mile radius of the site. PW-1 is an unused well on the subject site. PW-2 is used as an irrigation supply well located offsite on the adjacent residential property (Casper residence). The site and surrounding area is serviced drinking water from a municipal water supply system.

The site has been defined as the area of the former USTs, which is now located within the SCDOT right-of-way of Highway 601. The right-of-way and US Highway 601 were expanded in 2001 as part of road improvements in Chesterfield County. Eddies Pitt Stop convenience store/gas station previously operated one 750 gallon and one 2,000 gallon gasoline UST. These USTs were abandoned by removal in August 2002, and a release was reported with the UST closure in August 2002. Directives to conduct a Tier I and Tier II Assessments were issued by the SCDHEC in 2009 and 2012, respectively, which included installation of 22 shallow wells and 10 deep monitoring wells. A summary of the well construction and water level data is presented on Table 2.

Five ground water assessments have been conducted between 2012 and 2019. In 2015 and 2017, free phase product was detected in monitoring well MW-2. It appears the highest petroleum concentrations occur in the vicinity of the UST basin associated with UST# 18871. This well has not been sampled since 2018.

During the previous sampling events, elevated hydrocarbon levels were detected above RBSLs in four background monitoring wells. These detections may be associated with a potential separate release from the up-gradient Carolina Convenience UST location (Permit #02261). The extent of the plume in the upper portion and lower portion of the shallow aquifer does not appear to be well defined in regards to ground water flow. It should be noted that in previous sampling events, trace amount of benzene have been detected in water supply well PW-2 and 1,2 DCA in PW-1.

Between the years of 2016 and 2018, three 8-hour AFVR and two 96-hour AFVR events were conducted on various of wells surrounding the UST basins. These event appear to have removed the presence of free phase product, but due to the lack of data from the 2019 sampling event on MW-2, this cannot be confirmed.

In July 2020, the SCDHEC issued a directive for a comprehensive ground water sampling for all wells associated with the site. This report includes a summary of the sampling event along with our conclusions and recommendations.

1.2 Site Geology and Hydrogeology

The site is located within the Carolina Slate Belt terrain of the Lower Piedmont physiographic province. The Carolina Slate Belt province consists of weathered low grade metamorphic rocks consisting of mixed gneiss; intermediate and felsic volcanic rocks; tuffaceous epiclastic rocks; and mafic and felsic volcanic rocks.

Surficial soils at the site included sands, silty/clayey sands, sandy silt, and saprolite. A thick sequence of low permeability clayey and silty sand was encountered beneath the site to depths ranging from approximately 15 to 30 feet across the site. Below this unit, partially weathered rock as hard clayey silt (saprolite) was encountered at depths ranging from 60 to 65 feet across the site, where air rotary was required for drilling, to the investigated depth of 98 feet.

Ground water occurs within the shallow aquifer under unconfined conditions. The depth to ground water in the study area ranged from approximately 9.5 to 21.2 feet during this assessment.

2.0 GROUND WATER SAMPLING

2.1 Setup and Methods

Due to excessive highway traffic, monitoring wells located in the center of highway 601 were not sampled with this assessment, as specified in the groundwater sampling directive and SSWP. These wells consist of five monitoring wells (MW-2, MW-3, MW-3D, MW-7, and MW-9) and two recovery wells (RW-1, RW-2).

Water levels were recorded on August 27, 2020 and also during a separate mobilization to the site on September 22, 2020 to locate and sample MW-5 and MW-13. A summary of the water level data is presented on Table 2. Potentiometric surface maps of the upper and lower portions of the shallow aquifer are included as Figures 5 and 5A, respectively.

Ground water samples were collected on August 31-September 1, 2020 from 24 monitoring wells and one water supply well (PW-1), as detailed in the SSWP. Two other monitoring wells MW-5 and MW-13 were sampled during a separate mobilization on September 22, 2020. All monitoring wells were purged and sampled using the low-flow sampling method, as detailed in Terracon's QAPP. Purge water was collected in and disposed by TK Tank Services, Sumter, South Carolina. The disposal manifest is included in Appendix G.

Three field blanks, two duplicates and two trip blanks were included with the groundwater samples. Additionally, a field blank, trip bank, and duplicate were submitted with the samples from water supply well PW-1.

Dissolved oxygen, specific conductance, pH, turbidity and temperature measurements were measured with calibrated field meters during purging and recorded on Ground Water Sampling Logs, with a copy of the equipment calibration sheet is included in Appendix B.

The samples were placed in iced coolers and delivered along with chain of custody documentation to Access Analytical Inc., Irmo, South Carolina for shipment by courier to Analytical Environmental Services Inc. (AES Inc), Atlanta, Georgia (SC Certification #98016), and to PACE Analytical, Huntersville, North Carolina (SC Certification #99006001) for laboratory analyses. The samples were analyzed for the following analytes:

Analysis	Method
Benzene, Toluene, Ethylbenzene, Xylenes (BTEX) Methyl-tert-butyl-ether (MTBE) Naphthalene 1,2-dichloroethane (1,2-DCA) 8 Oxygenates	SW-846 8260B EPA 524.2
1,2-dibromoethane (EDB)	SW-846 8011 EPA 504.1

Ground water analytical results are included in Table 3 (Petroleum Compounds) and Table 3A (Petroleum-Related Compounds). A copy of the analytical report is included in Appendix B.

This assessment also included collection and analysis of ten quality assurance (QA) samples as three duplicate samples, four field blanks and three trip blanks in accordance with the approved SSWP. No discrepancies were noted with these QA sample analyses. Ground Water Analytical Data (Petroleum Compounds and Petroleum Additives) is summarized in Table 3. A copy of the laboratory analytical report is included in Appendix B.

2.2 Significant Deviations

Monitoring well MW-21 was asphalt-paved over and was unable to be accessed. The absence of data from this well does not prevent this data set from meeting the project data quality objectives. No other significant deviations from the data collection activities were recorded.

2.3 Well Repairs and Land Clearing

Monitoring well MW-5 was found to be located is in an area of very dense vegetation and was unable to be located with a metal detector. After a conversation with the property owner, Terracon contacted the SCDHEC project manager for approval for land clearing and installation of a stick-up well casing for this well. The work was conducted as part of this sampling event, and costs for this effort are included on the Assessment Component Invoice.

2.4 Assessment Results

A summary of the ground water sampling results is provided below:

- Ground water occurs within the shallow aquifer under unconfined conditions. The depth to ground water in the study area ranges from approximately 14 feet below ground surface (bgs) to 23 feet bgs. Water levels were significantly higher than levels recorded during the previous sampling event. A potentiometric surface map of the upper and lower portions of the shallow aquifer, based on water level measurements obtained from the monitoring wells, are included as Figures 5 and 5A. Inspection of these figures indicate shallow ground water flow is in a radial pattern generally toward the southwest, and the deep ground water flow is to the west;

- Concentrations detected downgradient of the source area were above RBSLs in samples collected from three wells (MW-8, MW-14, and MW-19), indicating the ground water plume is not defined downgradient from the USTs. A COC concentration map of the upper portion of the shallow aquifer is included as Figure 4.

- The extent of impact in the lower portion of the shallow aquifer is not defined at the upgradient release (Permit #02261). Benzene and/or naphthalene was detected at concentrations above RBSLs in deep well 22D on the adjacent property. Benzene and/or naphthalene was not detected at deep well 21D for the first time in recent years.

- Benzene, MtBE, EDB, 1,2 DCA, TBA, and/or TAA were detected above RBSLs and ALs in the samples collected from deep wells MW-18D and MW-22D. No concentrations of 1,2 DCA were detected in any other deep wells sampled. A benzene/naphthalene concentration map of the lower portion of the shallow aquifer is included as Figure 4A.

- DIPE (1.4 ug/l) was detected in the sample collected from an unused water supply well (PW-1) at concentrations above the laboratory reporting limits, but below the RBSLs. These detections may represent the leading edge of the dissolved plume extending toward this well in the deep portion of the shallow aquifer.

3.0 CONCLUSIONS AND RECOMMENDATIONS

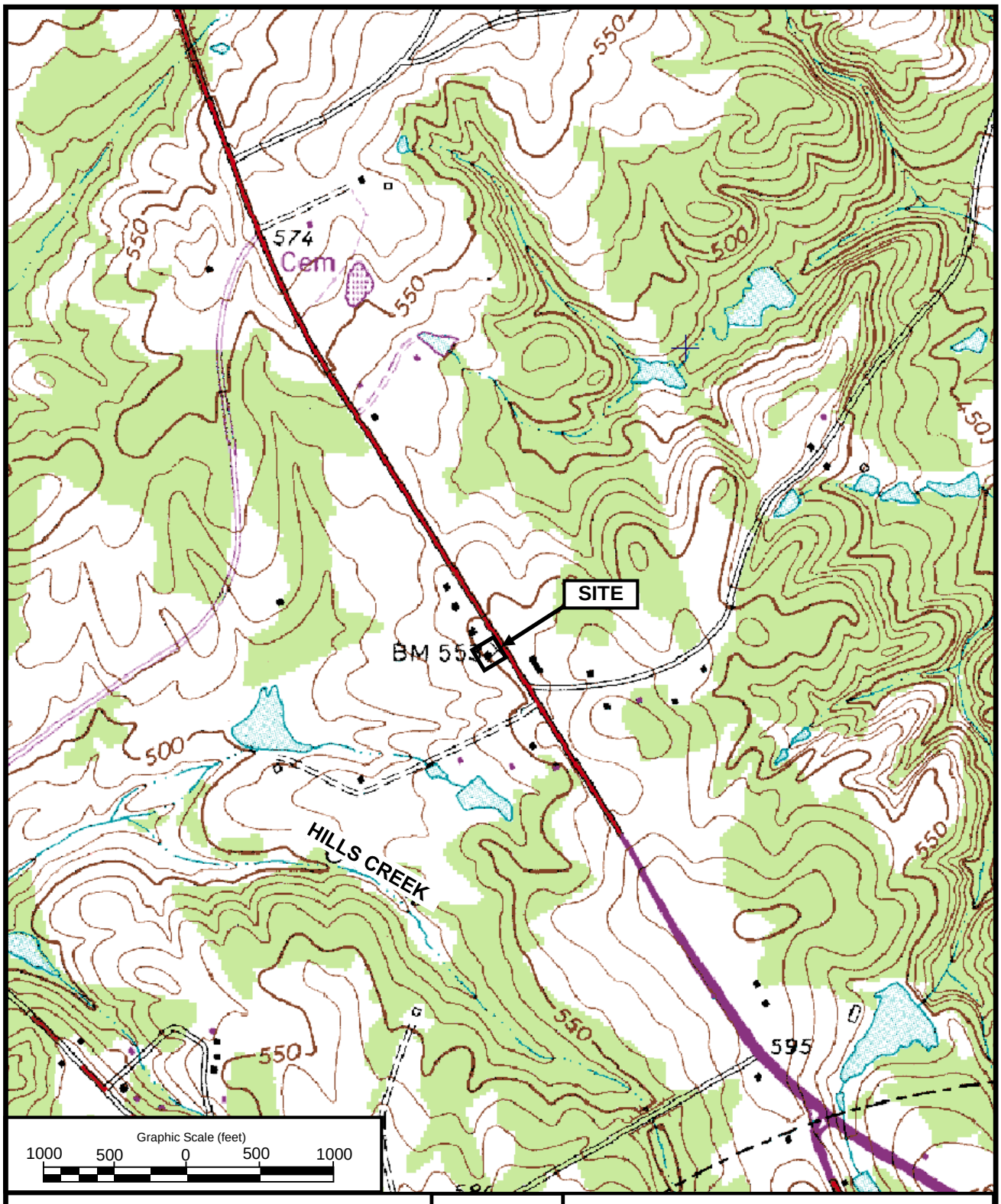
Petroleum hydrocarbon compounds were detected above RBSLs in ground water samples collected from shallow wells located in the vicinity and downgradient from of the USTs at concentrations similar to previous events. The horizontal extent of the contaminants in the upper portion of the shallow aquifer downgradient from the former UST system is not defined by the monitoring well network.

Elevated hydrocarbon levels were detected above RBSLs in upgradient monitoring wells MW-10, MW-20, and MW-22. The elevated levels in these monitoring wells are suspected to be associated with a separate release from the upgradient UST system release (Permit #02261).

Based on the last two sampling events, 1,2-DCA persists in an unused water supply well (PW-1) at concentrations above the laboratory reporting limits but below RBSLs. This well should continue to be sampled. Irrigation well PW-2 is recommended to be reactivated or otherwise made available for sample collection.

Terracon recommends the continual monitoring of the monitoring well network and a series of 96-hour AFVR events to further reduce contaminant concentrations in the source area. It would also be beneficial to gauge the monitoring wells MW-2 and MW-3 located in the median of U.S Highway 601 to verify the presence of free phase petroleum. Once the high concentrations of dissolved contaminants are reduced, this site may a candidate for monitored natural attenuation.

FIGURES



USGS TOPOGRAPHIC QUADRANGLE MAP
PAGELAND, SOUTH CAROLINA

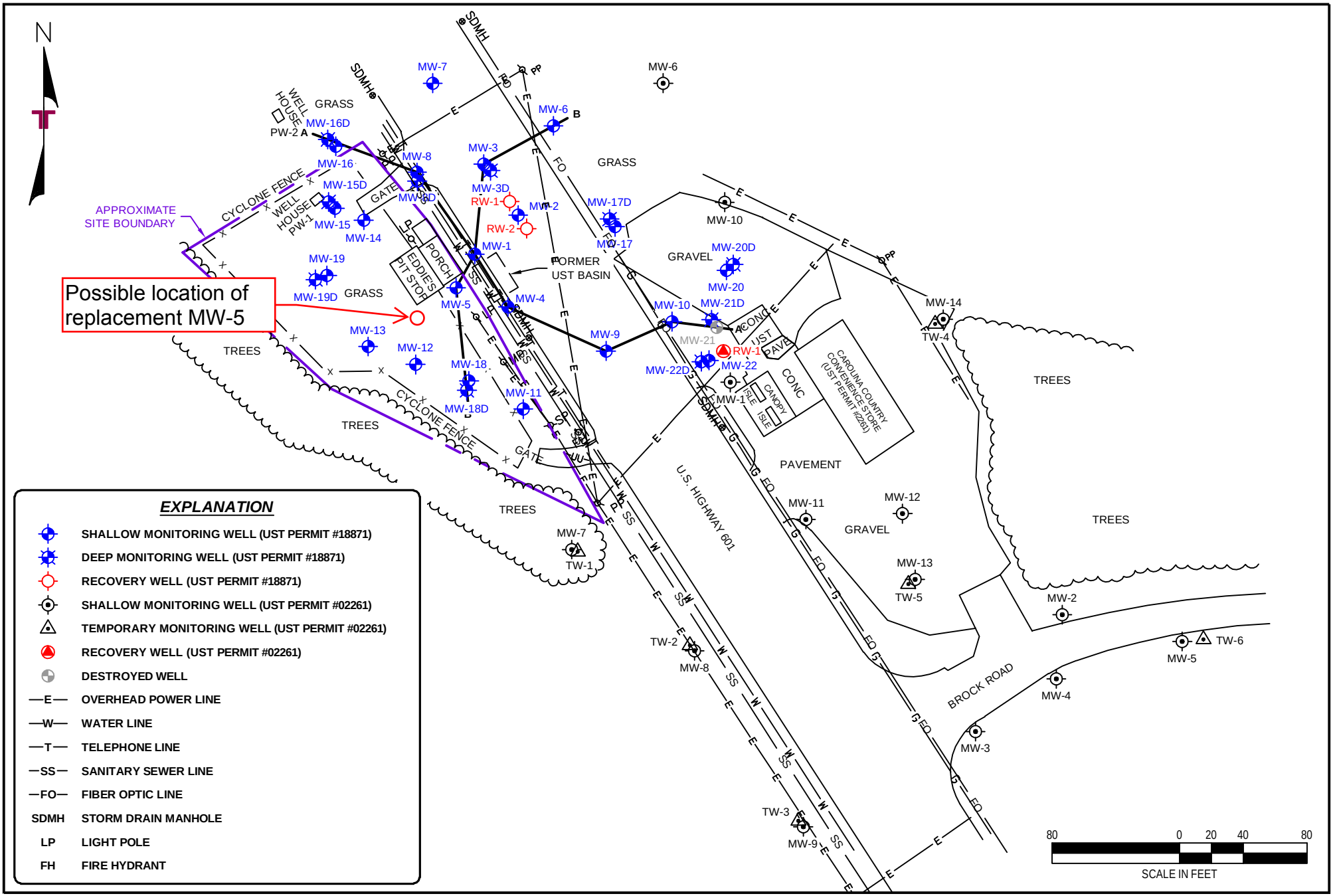
DATE: 1993
SCALE: 1 INCH = 1000 FEET
PROJECT NO. 73098106

N

Terracon

SITE LOCATION MAP
EDDIE'S PITT STOP
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA

FIGURE 1: TOPOGRAPHIC MAP



EXPLANATION

- SHALLOW MONITORING WELL (UST PERMIT #18871)
- DEEP MONITORING WELL (UST PERMIT #18871)
- RECOVERY WELL (UST PERMIT #18871)
- SHALLOW MONITORING WELL (UST PERMIT #02261)
- TEMPORARY MONITORING WELL (UST PERMIT #02261)
- RECOVERY WELL (UST PERMIT #02261)
- DESTROYED WELL
- —E— OVERHEAD POWER LINE
- —W— WATER LINE
- —T— TELEPHONE LINE
- —SS— SANITARY SEWER LINE
- —FO— FIBER OPTIC LINE
- SDMH STORM DRAIN MANHOLE
- LP LIGHT POLE
- FH FIRE HYDRANT

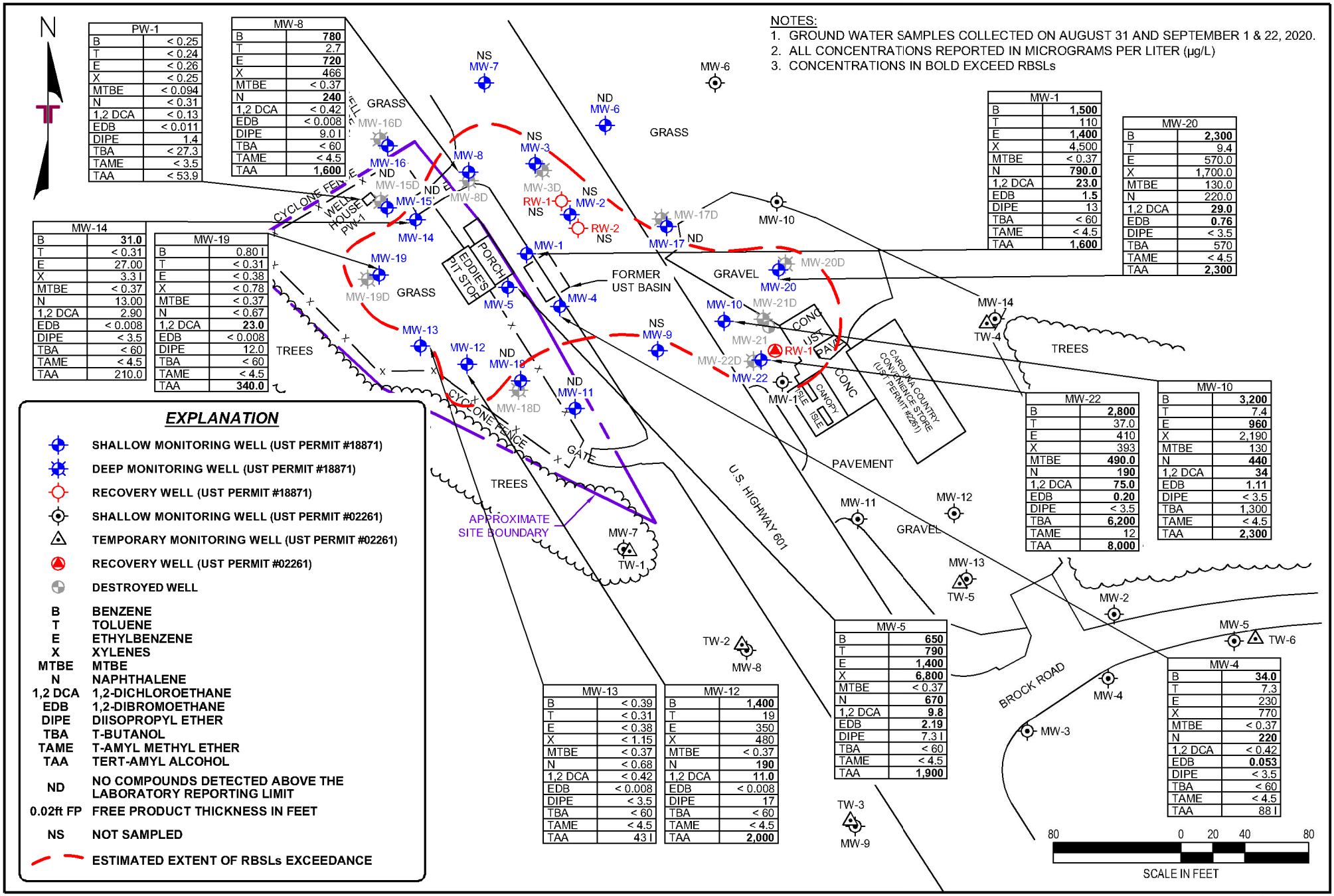
Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	JUNE 2018

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

SITE MAP WITH UTILITIES

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 2



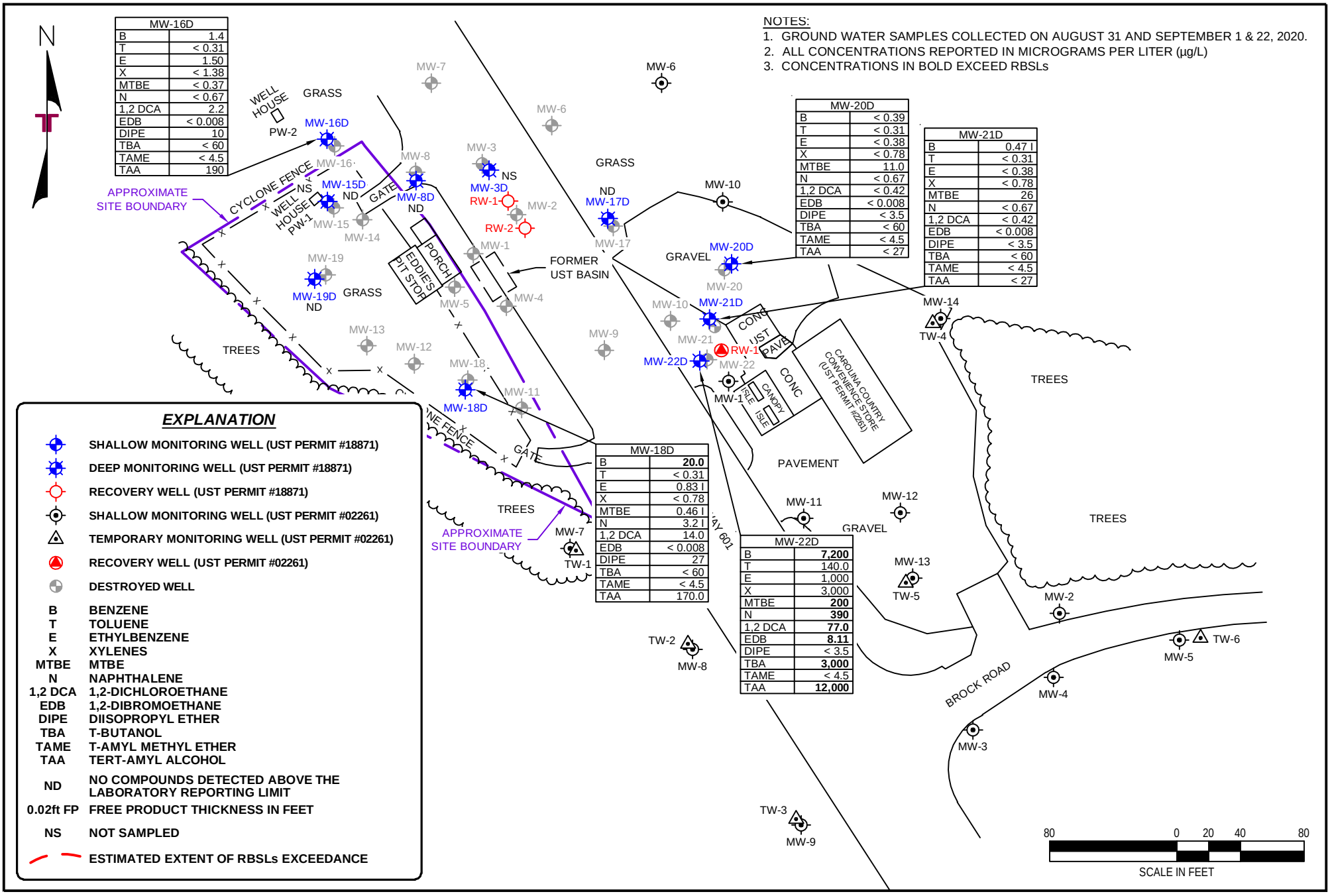
Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	NOVEMBER 2020

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

COC CONCENTRATION MAP OF THE UPPER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 4



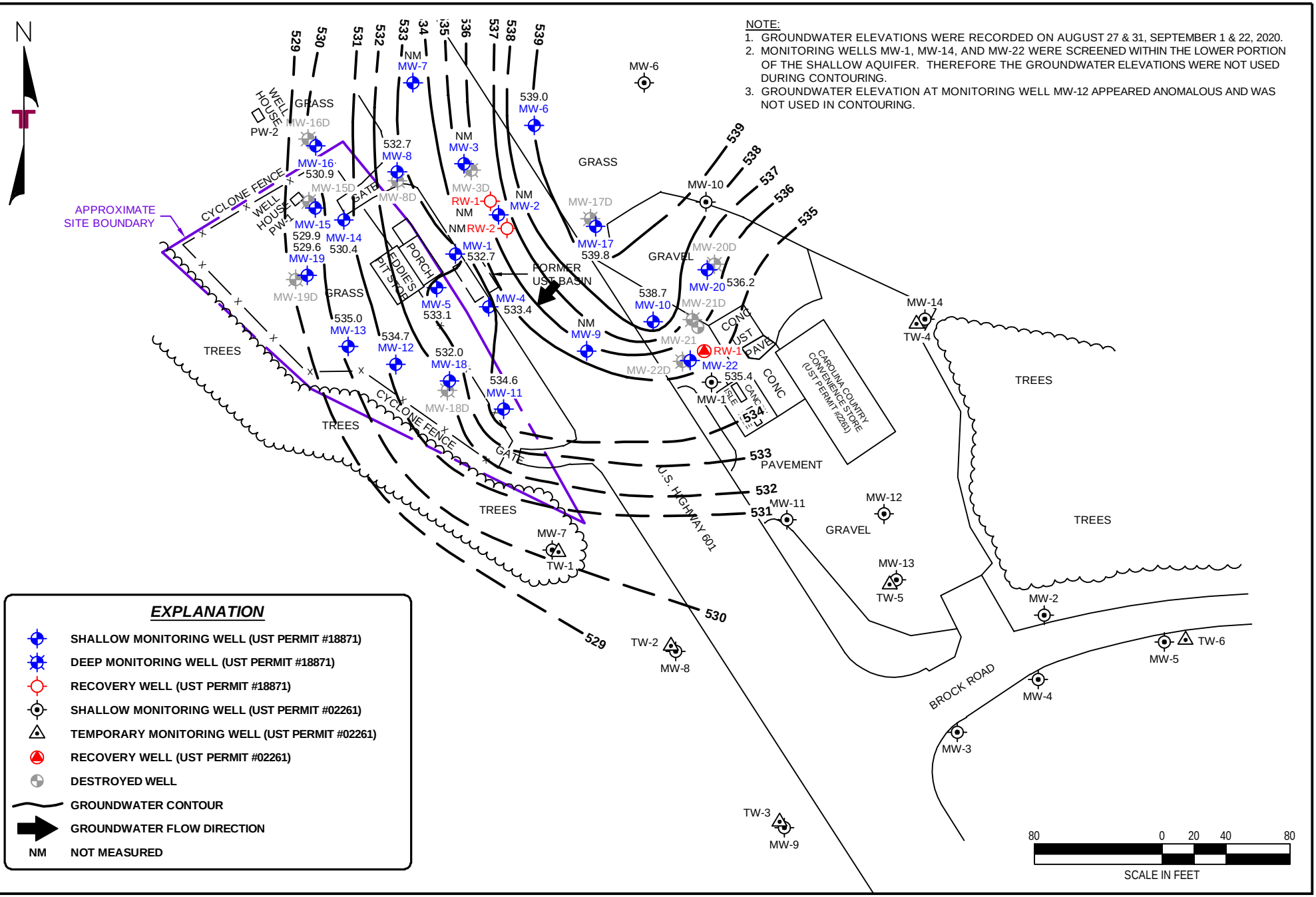
Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	NOVEMBER 2020

Terracon
Consulting Engineers and Scientists
521 CLEMSON ROAD COLUMBIA, SC 29229
PH. (803) 741-9000 FAX. (803) 741-9900

COC CONCENTRATION MAP OF THE LOWER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 4A



Project Mngr:	RWN
Drawn By:	PTK
Checked By:	RWN
Approved By:	PMH
Project No.	73098106
Scale:	AS SHOWN
File No.	73098106
Date:	NOVEMBER 2020

Terracon
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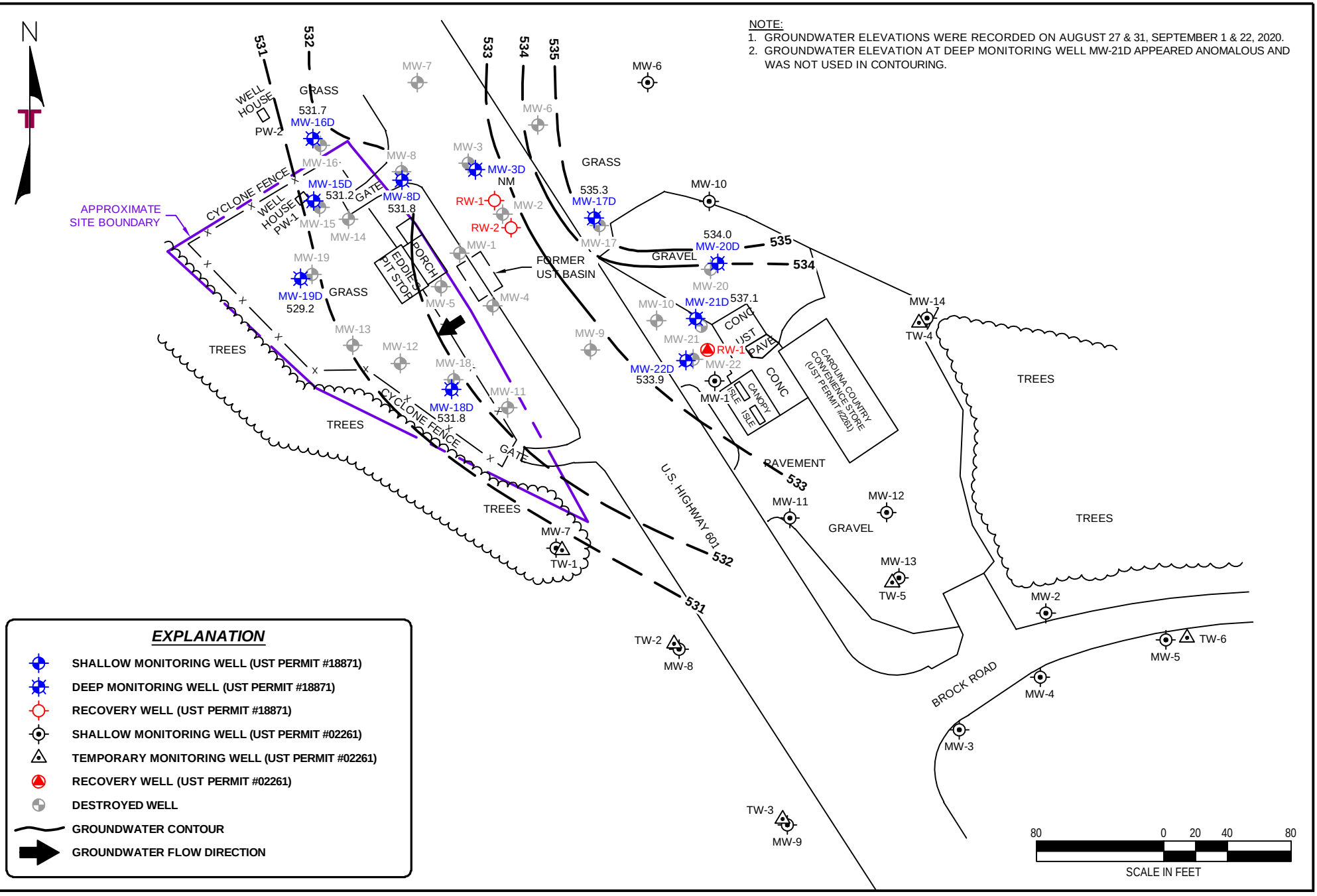
POTENTIOMETRIC SURFACE MAP OF THE UPPER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 5



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POTENTIOMETRIC SURFACE MAP OF THE LOWER PORTION OF THE SHALLOW AQUIFER

EDDIE'S PIT STOP - SCDOT
ROUTE 2, US HIGHWAY 601 NORTH
PAGELAND, SOUTH CAROLINA
UST PERMIT #18871

Figure 5A

TABLES

Table 2 - Ground Water Elevation Data
Table 3 – Ground Water Analytical Data, Petroleum Related Compounds
Table 3a – Ground Water Analytical Data, Petroleum Oxygenates

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-1	05/20/03	43	33- 43	298.85	35.70	--	263.15
	05/11/09				19.35	--	279.50
	09/08/11				36.70	--	262.15
	01/06/12				34.63	--	264.22
	03/27/12				26.21	--	272.64
	04/04/12			554.13	25.80	--	528.33
	07/18/12				31.00	--	523.13
	06/08/15				18.94	--	535.19
	03/08/17				16.51	--	537.62
	05/21/18				17.01	--	537.12
	09/18/19				26.45	--	527.68
	08/27/20				21.45	--	532.68
MW-2	05/11/09	43	28-43	298.98	17.25	--	281.73
	07/07/11				25.85	--	273.13
	08/22/11				31.82	--	267.16
	09/08/11				33.10	--	265.88
	01/06/12				31.91	--	267.07
	03/27/12				23.25	--	275.73
	04/04/12			554.18	23.65	--	530.53
	07/18/12				27.52	--	526.66
	06/08/15				14.97	0.02	539.23
	03/08/17				12.99	0.03	541.21
	05/21/18				21.18	--	533.00
	09/17/19				Not Sampled		
	08/27/20				Not Sampled		
MW-3	05/11/09	45	30-45	298.36	19.20	--	279.16
	09/08/11				36.28	--	262.08
	01/06/12				35.45	--	262.91
	03/27/12				31.74	--	266.62
	04/04/12			553.62	28.89	--	524.73
	07/18/12				30.10	--	523.52
	06/08/15				19.29	--	534.33
	03/08/17				13.46	--	540.16
	05/21/18				16.83	--	536.79
	09/17/19				Not Sampled		
	08/27/20				Not Sampled		

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-3D	09/08/11	60	55-60	298.51	25.19*	--	273.32
	01/05/12				35.12	--	263.39
	03/27/12				28.90	--	269.61
	04/04/12			553.74	29.48	--	524.26
	07/18/12				30.50	--	523.24
	06/08/15				19.98	--	533.76
	05/21/18				17.80		535.94
	09/17/19				Not Sampled		
	08/27/20				Not Sampled		
MW-4	05/11/09	49	34-49	299.29	20.16	--	279.13
	09/08/11				37.20	--	262.09
	01/06/12				35.79	--	263.50
	03/27/12				27.85	--	271.44
	04/04/12			554.56	27.90	--	526.66
	07/18/12				32.13	--	522.43
	06/08/15				19.95	--	534.61
	03/08/17				17.52	--	537.04
	05/21/18				18.17	--	536.39
	09/18/19				27.85	--	526.71
	08/27/20				21.21	--	533.35
MW-5	08/09/10	25	15 - 25	296.16	17.35	--	278.81
	07/07/11				23.10	--	273.06
	08/22/11				24.92	--	271.24
	09/08/11				24.91	--	271.25
	01/06/12				24.36	--	271.80
	03/27/12				20.22	--	275.94
	04/04/12			551.42	19.79	--	531.63
	07/18/12				23.46	--	527.96
	06/08/15				13.53	--	537.89
	03/08/17				8.97	--	542.45
	05/21/18				15.37	--	536.05
	09/17/19				Not Sampled		
	08/27/20				18.31	--	533.11
MW-6	08/23/11	35	25-35	298.58	Dry	Dry	Dry
	08/30/11				30.30	--	268.28
	09/08/11				28.45	--	270.13
	01/06/12				24.43	--	274.15
	03/27/12				19.21	--	279.37
	04/04/12			553.79	18.05	--	535.74
	07/18/12				20.90	--	532.89
	06/08/15				13.95	--	539.84
	05/21/18				11.85	--	541.94
	09/17/19				20.43	--	533.36
	08/27/20				14.83	--	538.96

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-7	08/25/11	35	24-34	298.18	Dry	Dry	Dry
	08/30/11				Dry	Dry	Dry
	09/08/11				33.40	--	264.78
	01/06/12				32.39	--	265.79
	03/27/12				29.95	--	268.23
	04/04/12			553.42	28.02	--	525.40
	07/18/12				25.16	--	528.26
	06/08/15				13.06	--	540.36
	05/21/18				12.29	--	541.13
	09/17/19				Not Sampled		
	08/27/20				Not Sampled		
MW-8	08/29/11	35	25-35	297.5	Dry	Dry	Dry
	09/08/11				Dry	Dry	Dry
	01/06/12				32.85	--	264.65
	03/27/12				27.32	--	270.18
	04/04/12			552.76	27.05	--	525.71
	07/18/12				28.91	--	523.85
	06/08/15				18.33	--	534.43
	03/08/17				17.56	--	535.20
	05/21/18				18.05	--	534.71
	09/18/19				19.74	--	533.02
	08/27/20				20.02	--	532.74
MW-8D	09/08/11	60	55-60	297.35	25.35*	--	272.00
	01/05/12				34.24	--	263.11
	03/27/12				26.12	--	271.23
	04/04/12			552.53	26.07	--	526.46
	07/18/12				31.30	--	521.23
	06/08/15				18.93	--	533.60
	05/21/18				16.00	--	536.53
	09/18/19				26.12	--	526.41
	08/27/20				20.71	--	531.82
MW-9	08/26/11	35	24-34	299.74	Dry	Dry	Dry
	08/30/11				Dry	Dry	Dry
	09/08/11				33.93	--	265.81
	01/06/12				33.60	--	266.14
	03/27/12				30.65	--	269.09
	04/04/12			554.89	29.12	--	525.77
	07/18/12				29.89	--	525.00
	06/08/15				18.96	--	535.93
	05/21/18				20.91	--	533.98
	09/17/19				Not Sampled		
	08/27/20				Not Sampled		

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-10	08/27/11	35	25-35	299.54	Dry	Dry	Dry
	09/08/11				34.40	--	265.14
	01/06/12				34.50	--	265.04
	03/27/12				24.57	--	274.97
	04/04/12			554.79	24.79	--	530.00
	07/18/12				28.71	--	526.08
	06/08/15				15.82	--	538.97
	05/21/18				13.68	--	541.11
	09/18/19				24.41	--	530.38
	08/27/20				16.07	--	538.72
MW-11	01/06/12	35	19.5-34.5	293.42	32.00	--	261.42
	03/27/12				21.35	--	272.07
	04/04/12			548.76	21.50	--	527.26
	07/18/12				26.40	--	522.36
	06/08/15				12.49	--	536.27
	05/22/18				13.85	--	534.91
	09/18/19				21.85	--	526.91
	08/27/20				14.21	--	534.55
MW-12	01/06/12	35	20-35	290.46	26.05	--	264.41
	03/27/12				17.69	--	272.77
	04/04/12			545.68	21.50	--	524.18
	07/18/12				23.18	--	522.50
	06/08/15				7.47	--	538.21
	03/08/17				8.21	--	537.47
	05/21/18				9.89	--	535.79
	09/18/19				19.25	--	526.43
	08/27/20				10.99	--	534.69
MW-13	01/06/12	35	20-35	289.98	27.90	--	262.08
	03/27/12				17.45	--	272.53
	04/04/12			545.2	16.90	--	528.30
	07/18/12				22.32	--	522.88
	06/08/15				11.81	--	533.39
	05/22/18				9.52	--	535.68
	09/17/19				Not Sampled		
	09/22/20				10.25	--	534.95
MW-14	01/06/12	35	20-35	291.24	30.72	--	260.52
	03/27/12				19.34	--	271.90
	04/04/12			546.48	20.76	--	525.72
	07/18/12				22.52	--	523.96
	06/08/15				13.71	--	532.77
	05/21/18				11.01	--	535.47
	09/18/19				20.41	--	526.07
	08/27/20				16.10	--	530.38

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-15	04/04/12	32	17-32	545.77	25.45	--	520.32
	07/18/12				23.52	--	522.25
	06/08/15				12.88	--	532.89
	05/21/18				10.59	--	535.18
	09/18/19				20.00	--	525.77
	08/27/20				15.88	--	529.89
MW-15D	04/04/12	60	55-60	545.89	18.11	--	527.78
	07/18/12				23.86	--	522.03
	06/08/15				14.60	--	531.29
	05/21/18				10.00	--	535.89
	09/18/19				19.97	--	525.92
	08/27/20				14.68	--	531.21
MW-16	04/04/12	32	17-32	546.47	19.02	--	527.45
	07/18/12				24.20	--	522.27
	06/08/15				13.50	--	532.97
	05/21/18				11.03	--	535.44
	09/18/19				20.15	--	526.32
	08/27/20				15.55	--	530.92
MW-16D	04/04/12	60	55-60	546.59	19.70	--	526.89
	07/18/12				24.47	--	522.12
	06/08/15				13.95	--	532.64
	05/21/18				11.00	--	535.59
	09/18/19				20.60	--	525.99
	08/27/20				14.85	--	531.74
MW-17	04/04/12	35	20-35	554.33	20.39	--	533.94
	07/18/12				21.53	--	532.80
	06/08/15				12.58	--	541.75
	05/21/18				11.53	--	542.80
	09/17/19				19.70	--	534.63
	08/27/20				14.56	--	539.77
MW-17D	04/04/12	60	55-60	554.3	27.54	--	526.76
	07/18/12				31.37	--	522.93
	06/08/15				19.50	--	534.80
	05/21/18				18.10	--	536.20
	09/17/19				27.08	--	527.22
	08/27/20				19.04	--	535.26

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
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Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-18	04/04/12	32	17-32	546.56	19.65	--	526.91
	07/18/12				23.90	--	522.66
	06/08/15				14.38	--	532.18
	05/21/18				10.00	--	536.56
	09/18/19				19.80	--	526.76
	08/27/20				14.56	--	532.00
MW-18D	04/04/12	60	55-60	546.27	19.17	--	527.10
	07/18/12				23.17	--	523.10
	06/08/15				12.26	--	534.01
	05/21/18				10.00	--	536.27
	09/18/19				19.75	--	526.52
	08/27/20				14.48	--	531.79
MW-19	04/04/12	32	17.5-27.5	544.53	18.50	--	526.03
	07/18/12				22.53	--	522.00
	06/08/15				12.88	--	531.65
	05/21/18				10.18	--	534.35
	09/18/19				19.48	--	525.05
	08/27/20				14.90	--	529.63
MW-19D	04/04/12	60	55-60	544.11	16.20	--	527.91
	07/18/12				22.41	--	521.70
	06/08/15				12.41	--	531.70
	05/21/18				10.00	--	534.11
	09/18/19				19.16	--	524.95
	08/27/20				14.89	--	529.22
MW-20	07/18/12	35	25-35	556.55	27.02	--	529.53
	06/08/15				15.63	--	540.92
	05/21/18				15.92	--	540.63
	09/17/19				25.39	--	531.16
	08/27/20				20.31	--	536.24
MW-20D	07/18/12	60	55-60	556.66	33.31	--	523.35
	06/08/15				18.86	--	537.80
	05/21/18				17.00	--	539.66
	09/17/19				26.85	--	529.81
	08/27/20				22.63	--	534.03

TABLE 2
GROUND WATER MONITORING WELL ELEVATION DATA

Eddies' Pit Stop - SCDOT
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WELL NUMBER	SAMPLE DATE	TOTAL WELL DEPTH (ft., bgs)	SCREENED INTERVAL (ft., bgs)	TOP OF CASING ELEVATION	DEPTH TO GROUND WATER	PRODUCT THICKNESS	GROUND WATER ELEVATION
MW-21	07/18/12	35	25-35	555.73	24.72	--	531.01
	06/08/15				16.04	--	539.69
	05/21/18				DESTROYED		
MW-21D	07/18/12	60	55-60	555.75	32.83	--	522.92
	06/08/15				14.09	--	541.66
	05/21/18				17.62	--	538.13
	09/17/19				26.59	--	529.16
	08/27/20				18.61	--	537.14
MW-22	07/18/12	35	25-35	555.29	31.34	--	523.95
	06/08/15				18.11	--	537.18
	05/21/18				16.33	--	538.96
	09/18/19				24.90	--	530.39
	08/27/20				19.89	--	535.40
MW-22D	07/18/12	60	55-60	554.98	32.23	--	522.75
	06/08/15				19.10	--	535.88
	05/21/18				15.76	--	539.22
	09/17/19				26.64	--	528.34
	08/27/20				21.10	--	533.88
RW-1	06/02/16	25	10-25	553.32	12.25	--	541.07
	03/08/17				12.26	--	541.06
	05/21/18				12.22	--	541.10
	09/17/19				Not Sampled		
	08/27/20				Not Sampled		
RW-2	06/02/16	25	10-25	553.57	10.97	--	542.60
	03/08/17				11.93	--	541.64
	05/21/18				11.75	--	541.82
	09/17/19				Not Sampled		
	08/27/20				Not Sampled		

Notes:
1) Top of casing elevations surveyed by Terracon personnel
2) Well numbers in boldface type indicate wells gauged/sampled for this monitoring event

TABLE 3
GROUND WATER ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-1	05/11/09	**3,250**	265	**1,580**	5,160	< 3.89	**841**	NA	**1.66**	12 *B*
	01/06/12	**3,020**	722	**1,080**	7,510	< 4.20	**773**	**57.5**	**2.91**	< 2.8
	04/05/12	**2,740**	378	**1,940**	9,660	< 3.36	**1,122**	**73.7**	**0.68**	< 2.8
	07/19/12	**2,520**	295	**1,280**	5,710	< 1.21	**663**	**60.9**	**0.986**	< 2.8
	06/11/15	**1,040**	148	**1,200**	4,180	< 0.180	**960**	**34.4**	**2.94**	NA
	03/08/17	0.72 J	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.017	NA
	05/22/18	**1,420**	121	**1,110**	3,930	< 4.6	**625**	**32.1**	**5.7**	NA
	09/19/19	**1,030**	35	241	761	< 2.3	**65.8**	**25.8**	**3.7**	NA
	09/01/20	**1,500**	110	**1,400**	4,500	< 0.37	**790.0**	**23.0**	**1.5**	NA
MW-2	05/11/09	**2,290**	73.6	699	2,140	< 1.94	**186**	NA	**0.385**	3.3
	01/06/12	**4,210**	262	**1,390**	6,280	< 3.36	**968**	**113**	**1.02**	< 2.8
	04/05/12	**2,740**	378	**1,940**	9,660	< 3.36	**1,120**	**73.7**	**0.682**	< 2.8
	07/17/12	**3,940**	146	**1,100**	4,250	< 1.51	**604**	**122**	**0.210**	1.1J
	06/08/15	**0.02ft. OF FREE PRODUCT**								
	03/08/17	**0.03ft. OF FREE PRODUCT**								
	05/22/18	**3,030**	105	394	3,880	< 11	**805**	**68.5**	**3.8**	NA
	09/17/19	**NOT SAMPLED**								
	08/31/20	**NOT SAMPLED**								
MW-3	05/11/09	**290**	63.5	154	217	< 0.194	**39.6**	NA	< 0.0035	**27**
	01/06/12	**138**	< 0.155	47.2	40.9	< 0.168	**105**	< 0.242	< 0.0032	< 2.8
	04/05/12	**148**	1.16	40.7	< 0.176	< 0.084	**73**	< 0.121	< 0.0029	13.0 J
	07/17/12	**91.6**	0.408J	48.9	5.71	< 0.06	**74.6**	1.26	< 0.0029	< 0.28
	06/09/15	**88.7**	< 0.140	32.7	1.98	< 0.180	**59.1**	< 0.180	< 0.00626	NA
	03/08/17	**NOT SAMPLED**								
	05/22/18	1.4	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0091	NA
	09/17/19	**NOT SAMPLED**								
	08/31/20	**NOT SAMPLED**								
MW-3D	01/05/12	**165**	< 0.388	42.3	20.1	< 0.42	**56.7**	**23.7**	< 0.0032	**65**
	04/05/12	**405**	10.7	115	83.3	< 0.42	**73**	**28**	< 0.0029	**64**
	07/17/12	**248**	4.08J	71.9	43.6	< 0.302	**51.2**	**24.3**	< 0.0029	5.3
	06/09/15	**10.1**	< 0.140	1.23	1.03	< 0.180	2.78	**13.1**	< 0.00619	NA
	05/22/18	1.5	< 0.30	0.51 J	< 0.72	< 0.23	< 1.0	**27.3**	< 0.0094	NA
	09/17/19	**NOT SAMPLED**								
	08/31/20	**NOT SAMPLED**								
MW-4	05/11/09	**75.8**	< 0.082	14	200	1.16	16.7	NA	0.042	14 B
	01/06/12	**324**	< 0.155	32.6	437	< 0.168	**126**	< 0.242	0.077	< 2.8
	04/05/12	**98.3**	< 0.078	26.6	71.6	< 0.084	**94.4**	< 0.121	< 1.11	6.6 J
	07/18/12	**263**	< 0.254	83.7	361	< 0.121	**146**	4.97	0.033	< 2.8
	06/11/15	**27.2**	3.03	148	637	< 0.180	**180**	< 0.180	0.0314	NA
	03/08/17	**45.4**	8.70	273	1,150	< 0.57	**193**	0.91 J	**0.13**	NA
	05/22/18	**47.4**	7.0	214	823	< 0.23	**202**	0.77 J	**0.088**	NA
	09/19/19	**72.6**	1.6 J	144	516	< 0.57	**153**	1.8 J	**0.110**	NA
	09/01/20	**34.0**	7.3	230	770	< 0.37	**220**	< 0.42	**0.053**	NA
MW-4 Dup	09/01/20	**34.0**	7.4	230	770	< 0.37	**210**	< 0.42	0.04	NA

TABLE 3
GROUND WATER ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-5	08/09/10	**166**	44.4	539	1,070	< 0.517	**307**	NA	**0.269**	3.4 B
	01/06/12	**125**	25.7	630	1,260	< 0.839	**334**	< 1.21	< 0.0032	< 2.8
	04/05/12	**93.7**	26.6	497	943	< 0.839	**242**	< 1.21	< 0.0029	< 2.8
	07/19/12	**70.6**	12.9	214	388	< 0.121	**154**	< 0.238	< 0.0029	< 2.8
	06/11/15	**141**	53.0	**966**	2,480	< 0.180	**1,180**	< 0.180	**0.317**	NA
	03/08/17	**219**	197	**736**	2,340	< 1.1	**414**	3.0 J	**0.47**	NA
	05/22/18	**684**	48	274	2,130	< 2.3	**298**	**22**	**1.7**	NA
	09/17/19	**NOT SAMPLED**								
	09/22/20	**650**	790	1,400	6,800	< 0.37	**670**	**9.8**	**2.19**	NA
MW-6	01/06/12	< 0.049	< 0.078	< 0.18	1.37 J	< 0.084	6.42	< 0.121	< 0.0032	4.5 J
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	6.49	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	7.11	< 0.119	< 0.0029	< 2.8
	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00627	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/17/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0095	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA
MW-7	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	**22.0**
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	3.46 J	< 0.121	< 0.0029	12 J
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.0029	< 0.119	< 0.28
	06/09/15	1.01	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00612	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	09/17/19	**NOT SAMPLED**								
	08/31/20	**NOT SAMPLED**								
MW-8	01/06/12	**970**	31.6	262	450	< 0.839	**91.1**	< 1.21	< 0.0032	< 2.8
	04/05/12	**1,000**	86.4	828	2,420	< 1.68	**389**	**8.66 J**	< 0.0029	3.8 J
	07/19/12	**1,040**	117	962	3,060	< 0.604	**450**	**7.11 J**	< 0.0029	< 2.8
	06/12/15	**567**	25.7	689	909	< 0.180	**368**	< 0.180	0.0138	NA
	03/08/17	**476**	25.5	654	1,820	< 2.3	**503**	4.6 J	0.042	NA
	05/22/18	**658**	10.7	**835**	1,330	< 2.3	**527**	< 3.1	0.024	NA
	09/18/19	**605**	9 J	**1,230**	1,460	< 2.3	**609**	< 3.1	< 0.0096	NA
	08/31/20	**780**	2.7	**720**	466	< 0.37	**240**	< 0.42	< 0.008	NA
MW-8D	01/05/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	5.21	1.34	< 0.0032	11.0
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	**27.0**
	07/19/12	< 0.099	< 0.127	1.48	4.59	< 0.06	5.24	< 0.119	< 0.0029	< 2.8
	06/10/15	2.65	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	2.28	< 0.00632	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.012	NA
	09/19/19	< 0.31	< 0.30	< 0.36	< 0.72	0.62 J	< 1.0	0.76 J	< 0.0095	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA

TABLE 3
GROUND WATER ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-9	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	0.03
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.12	< 0.0029	< 2.8
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 0.28
	06/09/15	1.23	< 0.140	< 0.190	< 0.200	2.77	< 0.220	0.490	0.0115	NA
	05/22/18	0.42 J	< 0.30	< 0.36	< 0.72	2.60	1.5 J	0.60 J	< 0.0093	NA
	09/17/19	**NOT SAMPLED**								
	08/31/20	**NOT SAMPLED**								
MW-10	01/06/12	**26.3**	< 0.078	11.4	21.8	**48.4**	5.34	< 0.121	0.015	< 2.8
	04/05/12	**2,150**	< 3.1	194	933	**259**	**263**	**57.5**	**0.268**	< 2.8
	07/18/12	**2,680**	< 3.18	148	1,150	**276**	**200**	**68.3**	**0.1**	< 2.8
	06/15/15	**1,820**	6.93	635	1,700	**200**	**382**	**48.2**	**2.13**	NA
	05/21/18	**2,640**	< 15	**756**	1,780	**169**	**327**	**45.9 J**	**1.4**	NA
	09/18/19	**2,640**	< 15	**733**	1,810	< 11	**388**	**41.6 J**	**1**	NA
	09/01/20	**3,200**	7.4	**960**	2,190	**130**	**440**	**34**	**1.11**	NA
MW-11	01/06/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	< 2.8
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	2.15 J	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00630	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/18/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0096	NA
	09/01/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	0.024	NA
MW-12	01/06/12	**3,140**	< 3.10	89.5	247	< 3.36	**465**	< 4.84	< 0.0032	< 2.8
	04/05/12	**2,980**	221	485	1,980	< 3.36	**204**	**33.6 J**	< 0.0029	< 2.8
	07/20/12	**5,580**	457	**1,150**	4,040	< 3.02	**460**	**39.4 J**	< 0.0029	< 2.8
	06/11/15	**4,540**	182	574	2,080	< 0.180	**450**	**35.0**	< 0.00610	NA
	03/08/17	**5,550**	348	522	3,390	< 23	**233 J**	**45.6 J**	0.031	NA
	05/22/18	**5,010**	193	**803**	2,800	< 23	**448 J**	**36.5 J**	0.011 J	NA
	09/19/19	**4,510**	96	**805**	1,600	< 11	**303**	**25.6 J**	< 0.0094	NA
	09/01/20	**1,400**	19	350	480	< 0.37	**190**	**11.0**	< 0.008	NA
MW-12 DUP	09/01/20	**1,400**	21	360	520	< 0.37	**200**	**15**	< 0.008	NA
MW-13	01/06/12	**56**	< 0.388	< 0.9	4.56 J	< 0.42	**33.5**	10.7	< 0.0032	4.1 J
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	1.34	< 0.0029	< 2.8
	07/20/12	0.584 J	< 0.127	0.522 J	10.2	< 0.06	4.14 J	< 0.119	< 0.0029	< 2.8
	06/08/15	Not Sampled - Well Blocked								
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/17/19	Not Samples - Well Blocked								
	09/22/20	< 0.39	< 0.31	< 0.38	< 1.15	< 0.37	< 0.67	< 0.42	< 0.008	NA

TABLE 3
GROUND WATER ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-14	01/06/12	**5.73**	7.77	< 0.18	< 0.123	< 0.084	5.57	1.74	< 0.0032	**25.0**
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/11/15	**20.1**	< 0.140	3.54	< 0.200	< 0.180	1.91	1.46	0.0148	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/18/19	**16.0**	< 0.30	10.60	1.3 J	< 0.23	3.5 J	2.7	< 0.0096	NA
	09/01/20	**31.0**	< 0.31	27.0	3.3 I	< 0.37	13.0	2.9	< 0.008	NA
MW-15	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/20/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00620	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.026	NA
	09/18/19	3.20	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	1.40	< 0.0096	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA
MW-15D	04/05/12	**5.95**	< 0.078	6.33	10.9	< 0.084	5.91	< 0.121	< 0.0029	< 2.8
	07/19/12	**9.42**	< 0.127	1.50	< 0.384	< 0.06	3.93 J	6.78	< 0.0029	< 2.8
	06/09/15	**31.7**	2.70	10.5	15.8	< 0.180	11.9	3.20	< 0.00627	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/18/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA
MW-16	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/11/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00619	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	09/18/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA
MW-16D	04/05/12	**15.9**	< 0.078	6.1	12.6	< 0.084	6.32	< 0.121	< 0.0029	3.8 J
	07/19/12	**7.7**	< 0.127	< 0.119	2.54 J	< 0.06	2.46 J	0.942 J	< 0.0029	< 2.8
	06/10/15	**32.9**	1.16	9.24	20.2	< 0.180	8.58	6.61	< 0.00646	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	1.9	0.019	NA
	09/18/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
	08/31/20	1.4	< 0.31	1.50	< 1.38	< 0.37	< 0.67	2.2	< 0.008	NA
MW-17	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	< 2.8
	07/18/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	< 2.8
	06/08/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	< 0.180	< 0.00613	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA
MW-17D	04/05/12	1.89	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	4.74	< 0.0029	< 2.8
	07/18/12	0.618 J	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.17	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	3.38	< 0.00644	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	0.033	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/17/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA

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Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-18	04/05/12	3.73	< 0.078	19.0	21.9	< 0.084	4.01 J	< 0.121	< 0.0029	4.6 J
	07/20/12	< 0.099	< 0.127	4.8	5.5	< 0.06	4.27 J	< 0.119	< 0.0029	< 2.8
	06/09/15	< 0.160	< 0.140	1.00	1.25	< 0.180	< 0.220	< 0.180	< 0.00630	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
	09/19/19	0.45 J	< 0.30	0.61 J	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA
MW-18D	04/05/12	**90.1**	< 0.078	< 0.18	1.17 J	< 0.084	4.46 J	**21.7**	< 0.0029	6.1 J
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	**19.4**	< 0.0029	< 2.8
	06/10/15	**27.7**	< 0.140	< 0.190	0.630	< 0.180	< 0.220	**22.1**	< 0.00634	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0093	NA
	09/19/19	0.79 J	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	4.3	< 0.0096	NA
	08/31/20	**20.0**	< 0.31	0.83 I	< 0.78	0.46 I	3.2 I	**14.0**	< 0.008	NA
MW-19	04/05/12	4.87	< 0.078	0.328 J	1.01 J	< 0.084	< 0.175	**12.5**	< 0.0029	< 2.8
	07/20/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	**63.7**	< 0.0029	< 2.8
	06/11/15	3.61	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	**78.1**	< 0.00614	NA
	05/22/18	0.45 J	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	**39.1**	0.036	NA
	09/19/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	**35.6**	< 0.0094	NA
	08/31/20	0.80 I	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	**23.0**	< 0.008	NA
MW-19D	04/05/12	3.07	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	4.87	< 0.0029	11.0 J
	07/19/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.46	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	1.69	< 0.00629	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	09/19/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0097	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA
MW-20	07/18/12	**325**	1.77 J	53	105	35	2.56 J	**7.21**	**0.112**	< 2.8
	06/12/15	**3,500**	27.6	634	3,140	231	**252**	**48.4**	**5.58**	NA
	05/21/18	**266**	< 1.5	8.3	75.8	39.4	7.5 J	**8.4**	**0.25**	NA
	09/17/19	**2,700**	9.1	615.0	1,220.0	142.0	**168**	**36.2**	**0.91**	NA
	08/31/20	**2,300**	9.4	570	1,700	**130**	**220**	**29.0**	**0.76**	NA
MW-20D	07/18/12	**22.6**	< 0.127	1.7	8.1	25.1	1.26 J	3.43	< 0.0029	< 2.8
	06/10/15	< 0.160	< 0.140	< 0.190	< 0.200	30.0	< 0.220	< 0.180	< 0.00634	NA
	05/21/18	1.8	< 0.30	< 0.36	< 0.72	28.8	< 1.0	3.20	< 0.0092	NA
	09/17/19	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0096	NA
	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	11.0	< 0.67	< 0.42	< 0.008	NA
MW-21	07/18/12	**11,400**	12,100	1,170	5,840	**2,870**	294 J	**436**	**3.75**	< 2.8
	06/12/15	**4,380**	3,740	440	2,220	**833**	**141**	**173**	**2.78**	NA
	05/21/18	Paved Over								
MW-21D	07/18/12	**220**	473	151	785	**64.7**	**51.2**	8.19	0.017	< 2.8
	06/10/15	**1,460**	539	37.6	195	**335**	15.4	**38.9**	**0.327**	NA
	05/21/18	**136**	99	6.5	24.8	**259**	< 2.0	**14.0**	< 0.0092	NA
	09/17/19	**24**	7	2.3	8.0	**173**	< 1.0	**7.3**	< 0.0097	NA
	08/31/20	0.47 I	< 0.31	< 0.38	< 0.78	26	< 0.67	< 0.42	< 0.008	NA

TABLE 3
GROUND WATER ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*
MW-22	07/18/12	**262**	37.7	73.9	286	5.85	3.84 J	1.65 J	0.013	< 2.8
	06/12/15	**1,970**	56.3	307	1,760	**51.0**	**212**	**22.3**	**5.26**	NA
	05/21/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
	09/18/19	**4,870**	68.9	**818**	2,570	< 0.23	**297**	**81.3**	**7.00**	NA
	08/31/20	**2,800**	37.0	410	393	**490**	**190**	**75.0**	**0.20**	NA
MW-22D	07/18/12	**1,300**	80.2	241	639	61	157	19.6	0.011	< 2.8
	06/10/15	**1,490**	76.0	296	569	**138**	**155**	**43.7**	**2.32**	NA
	05/21/18	**4,080**	91.5	646	836	**258**	**252**	**79.3**	**1.80**	NA
	09/17/19	**2,780**	47.3	400	470	**195**	**127**	**62.9**	**1.30**	NA
	08/31/20	**7,200**	140	**1,000**	3,000	**200**	**390**	**77.0**	**8.11**	NA
RW-1	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0095	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0091	NA
	09/17/19	**NOT SAMPLED**								
	08/31/20	**NOT SAMPLED**								
RW-2	03/08/17	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0094	NA
	05/22/18	< 0.31	< 0.30	< 0.36	< 0.72	< 0.23	< 1.0	< 0.31	< 0.0092	NA
	09/17/19	**NOT SAMPLED**								
	08/31/20	**NOT SAMPLED**								
PW-1 On-Site Supply Well	01/05/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	1.89	< 0.0032	NA
	01/27/12	< 0.049	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	1.97	< 0.0029	NA
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	07/17/12	< 0.099	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	1.22	< 0.0029	NA
	06/09/15	< 0.160	< 0.140	< 0.190	< 0.200	< 0.180	< 0.220	1.40	< 0.00620	NA
	05/22/18	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.019	NA
	09/01/20	< 0.25	< 0.24	< 0.26	< 0.25	< 0.094	< 0.31	< 0.13	< 0.011	NA
PW-2 Casper Irrigation Well	01/05/12	4.64	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0032	NA
	01/27/12	1.15	< 0.078	< 0.18	< 0.123	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	04/05/12	< 0.049	< 0.078	< 0.18	< 0.176	< 0.084	< 0.175	< 0.121	< 0.0029	NA
	07/17/12	0.448J	< 0.127	< 0.119	< 0.384	< 0.06	< 0.065	< 0.119	< 0.0029	NA
	06/08/15 05/22/18 09/01/20	Not Sampled								
Field Blank	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA
	09/01/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	< 0.008	NA
	09/22/20	< 0.39	0.39 I	< 0.38	< 1.15	< 0.37	< 0.67	< 0.42	< 0.008	NA
Trip Blank	08/31/20	< 0.39	< 0.31	< 0.38	< 0.78	< 0.37	< 0.67	< 0.42	NA	NA
	09/22/20	< 0.39	< 0.31	< 0.38	< 1.15	< 0.37	< 0.67	< 0.42	NA	NA

Notes:
1) Results shown in boldface type indicate concentrations which exceed the RBSL for that compound
2) µg/L - micrograms per liter or parts per billion
3) RBSL- Risk-Based Screening Level as defined by the SCDHEC RBCA Document
4) *J* - indicates an estimated value
5) *B* - indicates the result is between the Method Detection Limit and the Reporting Detection Limit
6) *NA* - Not Analyzed
7) 1,2 DCA - 1,2 Dichloroethane
8) Abbreviations:
MTBE = methyl-tert-butyl-ether
EDB = 1,2-dibromoethane
1,2 DCA - 1,2 Dichloroethane

TABLE 3
GROUND WATER ANALYTICAL DATA
Petroleum Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	XYLENES (µg/L)	MTBE (µg/L)	NAPHTH-ALENE (µg/L)	1,2 DCA (µg/L)	EDB (µg/L)	Total Lead (µg/L)
RBSLs	--	*5*	*1,000*	*700*	*10,000*	*40*	*25*	*5.0*	*0.05*	*15*

3) RBSL- Risk-Based Screening Level as defined by the SCDHEC RBCA Document
4) *J* - indicates an estimated value
5) *B* - indicates the result is between the Method Detection Limit and the Reporting Detection Limit
6) *NA* - Not Analyzed
7) 1,2 DCA - 1,2 Dichloroethane
8) Abbreviations:
MTBE = methyl-tert-butyl-ether
EDB = 1,2-dibromoethane
1,2 DCA - 1,2 Dichloroethane

TABLE 3A
GROUND WATER ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-1	01/06/12	< 4090	< 55.5	< 5.25	< 1,880	< 14.5	< 52.5	**3,570**	< 108
	04/05/12	< 3,270	< 44.4	77.9J	< 1,500	< 11.6	< 42	**3,880**	< 86.4
	07/19/12	< 1640	< 22.2	32.8J	< 752	< 5.8	< 21.0	**3,520**	< 43.2
	06/11/15	< 8.00	< 0.300	15.7	980	27.5	< 0.300	**1,640**	< 1.00
	03/08/17	< 82	< 0.24	0.91 J	< 10	< 5.3	< 0.24	9.9 J	< 5.0
	05/22/18	< 1,600	< 4.7	17.3 J	< 200	< 110	< 4.9	**1,460**	< 100
	09/19/19	< 820	< 2.4	12.1	< 100	< 53	< 2.4	**1,420**	< 50
	09/01/20	< 49	< 4.4	13	< 23	< 60	< 4.5	**1,600**	< 44
MW-2	01/06/12	< 3,270	< 44.4	**836 J**	< 1,500	< 11.6	< 42	**6,820**	< 86.4
	04/05/12	< 4,090	,55.5	124J	< 1,880	149J	< 52.5	**6,580**	< 108
	07/17/12	< 2,050	< 27.8	71.9J	< 940	158J	< 26.3	**6,590**	< 54
	06/08/15	**0.02ft. OF FREE PRODUCT**							
	03/08/17	**0.03ft. OF FREE PRODUCT**							
	05/22/18	< 4,100	< 12	38 J	< 500	< 270	< 12	**3,880**	< 250
	09/17/19	**NOT SAMPLED**							
	08/31/20	**NOT SAMPLED**							
MW-3	01/06/12	< 164	< 2.22	3.40 J	< 75.2	< 0.58	< 2.1	**243**	< 4.32
	04/05/12	< 81.8	< 1.11	4.64 J	< 37.6	< 0.29	< 1.05	**254**	< 2.16
	07/17/12	< 81.8	< 1.11	1.53J	< 37.6	4.73J	< 1.05	**170**	< 2.16
	06/09/15	< 8.00	< 0.300	2.81	152	< 1.00	< 0.300	193	< 1.00
	03/08/17	**NOT SAMPLED**							
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	30.1	< 5.0
	09/17/19	**NOT SAMPLED**							
	08/31/20	**NOT SAMPLED**							
MW-3D	01/05/12	< 409	< 5.55	42.8	< 188	55.5	< 5.25	**2,280**	< 10.8
	04/05/12	< 409	< 5.55	< 43	< 188	< 62.1	< 5.25	**2,120**	< 10.8
	07/17/12	< 409	< 5.55	36.1	< 188	71	< 5.25	**2,340**	< 10.8
	06/09/15	< 8.00	< 0.300	13.7	81.6	< 1.00	< 0.300	**312**	< 1.00
	05/22/18	< 82	< 0.24	30.8	< 10	69.2	< 0.24	**975**	< 5.0
	09/17/19	**NOT SAMPLED**							
	08/31/20	**NOT SAMPLED**							
MW-4	01/06/12	< 164	< 2.22	3.52 J	< 75.2	< 0.58	< 2.1	**691**	< 4.32
	04/05/12	< 81.8	< 1.11	2.34 J	< 37.6	8.65 J	< 1.05	**380**	< 2.16
	07/18/12	< 164	< 2.22	2.88 J	< 75.2	< 0.58	< 2.1	**463**	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	34.9	< 1.00	< 0.300	51.9	< 1.00
	03/08/17	< 200	< 0.59	< 0.60	< 25	< 13	< 0.61	54.2	< 13
	05/22/18	< 82	< 0.24	0.53 J	< 10	< 5.3	< 0.24	76	< 5.0
	09/19/19	< 200	< 0.59	0.71 J	< 25	< 13	< 0.61	157	< 13
	09/01/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	88 I	< 44
MW-4 Dup	09/01/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	86 I	< 44

TABLE 3A
GROUND WATER ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-5	01/06/12	< 818	< 11.1	< 1.05	< 376	< 2.90	< 10.5	**278**	< 21.6
	04/05/12	< 818	< 11.1	< 1.05	< 376	< 2.9	< 10.5	139 J	< 21.6
	07/19/12	< 164	< 2.22	< 0.210	< 75.2	< 0.58	< 2.10	134	< 4.32
	06/11/15	< 8.00	< 0.300	< 0.0800	167	< 1.00	< 0.300	106	< 1.00
	03/08/17	< 410	< 1.2	1.5 J	< 50	< 27	< 1.2	169	< 25
	05/22/18	< 820	< 2.4	12.3	< 100	< 53	< 2.4	**1,370**	< 50
	09/17/19	**NOT SAMPLED**							
	09/22/20	< 49	< 4.4	7.3 I	< 23	< 60	< 4.5	**1,900**	< 44
MW-6	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-7	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	**NOT SAMPLED**							
	08/31/20	**NOT SAMPLED**							
MW-8	01/06/12	< 818	< 376	25.9 J	< 11.1	< 2.90	< 10.5	**4,160**	< 21.6
	04/05/12	< 1,640	< 22.2	30.4 J	< 752	< 5.8	< 21.0	**1,360**	< 43.2
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/12/15	< 8.00	< 0.300	4.24	933	< 1.00	< 0.300	**756**	< 1.00
	03/08/17	< 820	< 2.4	4.3 J	< 100	< 53	< 2.4	**447**	< 50
	05/22/18	< 820	< 2.4	6.5 J	< 100	< 53	< 2.4	**610**	< 50
	09/18/19	< 820	< 2.4	< 2.4	< 100	< 53	< 2.4	**621**	< 50
	08/31/20	< 49	< 4.4	9.0 I	< 23	< 60	< 4.5	**1,600**	< 44
MW-8D	01/05/12	< 81.8	< 1.11	2.74 J	< 37.6	< 0.29	< 1.05	21.4	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.150	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.5	18.1	< 1.00	< 0.300	193	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	< 82	< 0.24	4.7	< 10	5.3 J	< 0.24	19.9 J	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44

TABLE 3A
GROUND WATER ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-9	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	10.5 J	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/17/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	84.4	< 0.300	62.4	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	82.1	< 0.24	89.3	< 5.0
	09/17/19	**NOT SAMPLED**							
	08/31/20	**NOT SAMPLED**							
MW-10	01/06/12	< 81.8	< 1.11	1.07 J	< 37.6	41.2	< 1.05	106	< 2.16
	04/05/12	< 3,270	< 44.4	< 4.2	< 1,500	**1,420**	< 42	**3,930**	< 86.4
	07/18/12	< 2050	< 27.8	< 2.63	< 940	1,270	< 26.3	**3,680**	< 54
	06/12/15	< 8.00	< 0.300	< 0.0800	883	**2,070**	< 0.300	**2,410**	< 1.00
	05/21/18	< 4,100	< 12	< 12	< 500	**1,400**	< 12	**2,280**	< 250
	09/18/19	< 4100	< 12	< 12	< 500	1,190	< 12	**2,220**	< 250
	09/01/20	< 49	< 4.4	< 3.5	< 23	1,300	< 4.5	**2,300**	< 44
MW-11	01/06/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/01/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-12	01/06/12	< 3,270	< 44.4	73.4 J	< 1,500	< 11.6	< 42	**10,600**	< 86.4
	04/05/12	< 3,270	< 44.4	77.5 J	< 1,500	< 11.6	< 42	**6,010**	< 86.4
	07/20/12	< 4090	< 55.5	43.5 J	< 1880	< 14.5	< 52.5	**5,210**	< 108
	06/11/15	< 8.00	< 0.300	34.3	4,370	< 1.00	< 0.300	**5,220**	< 1.00
	03/08/17	< 8,200	< 24	34.2 J	< 1,000	< 530	< 24	**3,530**	< 500
	05/22/18	< 8,200	< 24	35.2 J	< 1,000	< 530	< 24	**3,550**	< 500
	09/19/19	< 4100	< 12	30.4 J	< 500	< 270	< 12	**2,940**	< 250
	9/1/2020	< 49	< 4.4	17	< 23	< 60	< 4.5	**2,000**	< 44
MW-12 DUP	09/01/20	< 49	< 4.4	22	<23	< 60	< 4.5	2500	< 44
MW-13	01/06/12	< 409	< 5.55	15.6 J	< 188	47.2 J	< 5.25	**1,710**	< 10.8
	04/05/12	< 81.8	< 1.11	1.95 J	< 37.6	< 0.29	< 1.05	106	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	**Not Sampled - Well Blocked**							
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	**Not Sampled - Well Blocked**							
	09/22/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	43 I	< 44

TABLE 3A
GROUND WATER ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-14	01/06/12	< 81.8	< 1.11	1.79 J	< 37.6	< 0.29	< 1.05	158	< 2.16
	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	12.7 J	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.0	< 0.3	< 0.08	39.7	< 1.0	< 0.3	98.5	< 1.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	3.8	< 10	19.9 J	< 0.24	**275**	< 5.0
	09/01/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	210	< 44
MW-15	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	2.87 J	< 1.05	24.3	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	1.3	< 10	10.5 J	< 0.24	120	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-15D	04/05/12	< 81.8	< 1.11	2.07 J	< 37.6	10.1	< 1.05	36.7	< 2.16
	07/19/12	< 81.8	< 1.11	4.47 J	< 37.6	< 0.29	< 1.05	43.7	< 2.16
	06/09/15	< 8.00	< 0.300	1.76	47.8	< 1.00	< 0.300	78.0	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-16	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-16D	04/05/12	< 81.8	< 1.11	1.63 J	< 37.6	< 0.29	< 1.05	49.8	< 2.16
	07/21/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	5.87	69.5	< 1.00	< 0.300	**285**	< 1.00
	05/22/18	< 82	< 0.24	0.50 J	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	08/31/20	< 49	< 4.4	10	< 23	< 60	< 4.5	190	< 44
MW-17	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	8.2 J	< 2.16
	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/08/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44

TABLE 3A
GROUND WATER ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-17D	04/05/12	< 81.8	< 1.11	3.54 J	< 37.6	< 0.29	< 1.05	8.81 J	< 2.16
	07/18/12	< 81.8	< 1.11	0.875 J	< 37.6	< 0.29	< 1.05	6.61 J	< 2.16
	06/10/15	< 8.00	< 0.300	1.67	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/21/18	< 82	< 0.24	0.52 J	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-18	04/05/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	7.91 J	< 2.16
	07/20/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/09/15	< 8.00	< 0.300	< 0.0800	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-18D	04/05/12	< 81.8	< 1.11	31.4	< 37.6	< 0.29	< 1.05	93.6	< 2.16
	07/19/12	< 81.8	< 1.11	< 0.105	< 37.6	< 0.29	< 1.05	53.8	< 2.16
	06/10/15	< 8.00	< 0.300	23.2	14.6	< 1.00	< 0.300	64.9	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	< 82	< 0.24	5.5	< 10	< 5.2	< 0.24	29.5	< 5.0
	08/31/20	< 49	< 4.4	27	< 23	< 60	< 4.5	170	< 44
MW-19	04/05/12	< 81.8	< 1.11	< 74.2	< 37.6	190	< 1.05	**301**	< 2.16
	07/20/12	< 81.8	< 1.11	59	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/11/15	< 8.00	< 0.300	47.0	< 1.10	73.2	< 0.300	137	< 1.00
	05/22/18	< 82	< 0.24	25.0	< 10	16.1 J	< 0.24	49.7	< 5.0
	09/19/19	< 82	< 0.24	14.3	< 10	9.0 J	< 0.24	7.2 J	< 5.0
	08/31/20	< 49	< 4.4	12.0	< 23	< 60	< 4.5	**340**	< 44
MW-19D	04/05/12	< 81.8	< 1.11	5.71	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	07/19/12	< 81.8	< 1.11	5.22	< 37.6	< 0.29	< 1.05	< 1.39	< 2.16
	06/10/15	< 8.00	< 0.300	1.22	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/19/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-20	07/18/12	< 164	< 2.22	< 0.210	< 75.2	51.2	< 2.1	420	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	719	714	< 0.300	**2,570**	< 1.00
	05/21/18	< 410	< 1.2	< 1.2	< 50	156	< 1.2	**675**	< 25
	09/17/19	< 410	< 1.2	< 1.2	< 50	532	1.8	**2,610**	< 25
	08/31/20	< 49	< 4.4	< 3.5	< 23	570	< 4.5	**2,300**	< 44

TABLE 3A
GROUND WATER ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
MW-20D	07/18/12	< 81.8	< 1.11	< 0.105	< 37.6	46.2	2.09 J	66	< 2.16
	06/10/15	< 8.00	< 0.300	< 0.0800	< 1.10	55.6	< 0.300	45.5	< 1.00
	05/21/18	< 82	< 0.24	0.25 J	< 10	54.0	1.2 J	29.4	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-21	07/18/12	< 8180	< 3760	< 10.5	< 3760	**16,300**	< 105	**32,100**	< 216
	06/21/15	< 8.00	< 0.300	< 0.0800	2,900	**16,100**	< 0.300	**11,200**	< 1.00
	05/21/18	Paved Over							
MW-21D	07/18/12	< 409	< 5.55	< 0.525	< 188	179	< 5.25	**670**	< 10.8
	06/10/15	< 8.00	< 0.300	< 0.0800	1,300	**2,290**	5.21	**6,830**	< 1.00
	05/21/18	< 160	< 0.47	1.3 J	< 20	**1,550**	2.5 J	**1,990**	< 10
	09/17/19	< 82	< 0.24	0.75 J	< 10	**1,070**	1.9	**887**	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
MW-22	07/18/12	< 164	< 2.22	< 0.21	< 75.2	27.2	< 2.1	163	< 4.32
	06/12/15	< 8.00	< 0.300	< 0.0800	845	617	< 0.300	**2,090**	< 1.00
	05/21/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/18/19	< 82	< 0.24	0.86 J	< 10	**1,970**	1.2 J	**6,390**	< 5.0
	08/31/20	< 49	< 4.4	< 3.5	< 23	**6,200**	12	**8,000**	< 44
MW-22D	07/18/12	< 818	< 11.1	< 1.05	< 376	566	< 10.5	2,780	< 21.6
	06/10/15	< 8.00	< 0.300	< 0.0800	1,730	**2,610**	< 0.300	**5,300**	< 1.00
	05/21/18	< 2,000	< 5.9	18.6 J	< 250	**3,340**	< 6.1	**9,330**	< 130
	09/18/19	< 4100	< 12	< 12	< 500	**2,760**	< 12	**6,270**	< 250
	08/31/20	< 49	< 4.4	< 3.5	< 23	**3,000**	< 4.5	**12,000**	< 44
RW-1	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	**NOT SAMPLED**							
	08/31/20	**NOT SAMPLED**							
RW-2	03/08/17	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	05/22/18	< 82	< 0.24	< 0.24	< 10	< 5.3	< 0.24	< 5.3	< 5.0
	09/17/19	**NOT SAMPLED**							
	08/31/20	**NOT SAMPLED**							
PW-1	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/09/15	< 8.00	< 0.300	2.21	< 1.10	< 1.00	< 0.300	< 1.10	< 1.00
	05/22/18	< 131	< 0.07	1.6	< 50	< 3.6	< 0.1	< 50	< 1.9
	09/01/20	< 98.8	< 3.7	1.4	< 62	< 27.3	< 3.5	< 53.9	< 24.7
PW-1 Dup	05/22/18	< 131	< 0.07	1.6	< 50	< 3.6	< 0.1	< 50	< 1.9
	09/01/20	< 98.8	< 3.7	1.5	< 62	< 27.3	< 3.5	< 53.9	< 24.7

TABLE 3A
GROUND WATER ANALYTICAL DATA
Petroleum Related Compounds

Eddies' Pit Stop - SCDOT
Route 2, US Hwy 601 N., Pageland, South Carolina
UST Permit # 18871
Terracon Project No. 73098106

WELL NUMBER	SAMPLE DATE	Ethanol (µg/L)	ETBE (µg/L)	DIPE (µg/L)	ETBA (µg/L)	TBA (µg/L)	TAME (µg/L)	TAA (µg/L)	TBF (µg/L)
ALs	--	*10,000*	*47*	*150*	*NE*	*1,400*	*128*	*240*	*NE*
PW-2	01/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	04/05/12	NA	NA	NA	NA	NA	NA	NA	NA
	07/17/12	NA	NA	NA	NA	NA	NA	NA	NA
	06/08/15	Not Sampled							
Field Blank	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
	09/01/20	< 0.49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
	09/22/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
Trip Blank	09/01/20	< 98.8	< 3.7	< 0.22	< 62.0	< 27.3	< 3.5	< 53.9	< 24.7
	08/31/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44
	09/22/20	< 49	< 4.4	< 3.5	< 23	< 60	< 4.5	< 27	< 44

Notes:

1) Results shown in boldface type indicate detected compounds.

2) µg/L - micrograms per liter or parts per billion

3) ALs- SCDHEC Action Levels for Oxygenate Compounds, dated November 2008.

4) NE - Not Established

5) J indicates an estimated value below the laboratory reporting limit

6) 8 Oxygenates abbreviated as:

ETBE = ethyl tert-butyl ether — *TAME = t-amyl methyl ether*
TBA = t-butanol — *1,2-DCA = 1,2-dichloroethane*
TBF = tert-butyl formate — *ETBA = ethyl tert-butanol*
DIPE = diisopropyl ether — *TAA = tert-amyl alcohol*

APPENDICES

Appendix B- Ground Water Sampling Logs and Laboratory Analytical Records

Appendix G - Disposal Manifests

Appendix K - SCDHEC QAPP Contractors Checklist

Note: Figure 3, Table 1, and select Appendices were omitted intentionally to adhere to the reporting format as required by the QAPP.

APPENDIX B

Ground Water Sampling Logs and Laboratory Analytical Reports

Terracon

WATER/PRODUCT LEVEL MEASUREMENT LOG

PROJECT NAME: Eddies Pit Stop
PROJECT NO.: 73098106
DATE: 8/27/20
EQUIPMENT USED: Interface Probe
FIELD PERSONNEL: WH

R = Needs Repair or Replacement
C = Completed Repair/ Replacement

Well Head Summary

	Well ID	Depth to Water	Depth to Product	Product Thickness	Total Depth	Vault	Bolts	Lid	Lock/ Cap	ID Plate	Comments
✓	MW-1	20.45									
–	MW-2	--									
–	MW-3	--									
–	MW-3D	--									
✓	MW-4 DUPE	20.21									
–	MW-5	–									overgrown
✓	MW-6	14.83					R				
	MW-7	--									
✓	MW-8	20.05									
✓	MW-8D	20.71									
–	MW-9	--									
	MW-10	16.07					R				needs 1 bolt
	MW-11	14.21									
✓	MW-12 DUPE	16.94									
–	MW-13	– –									under car
✓	MW-14	16.10									
✓	MW-15	15.88									
✓	MW-15D	14.68									
✓	MW-16	15.55									
✓	MW-16D	14.85									
✓	MW-17	14.56									
✓	MW-17D	19.04					R			R	
✓	MW-18	14.56									

Comments:

Terracon

WATER/PRODUCT LEVEL MEASUREMENT LOG

PROJECT NAME: Eddies Pit Stop
PROJECT NO.: 73098106
DATE: 8/27/20
EQUIPMENT USED: Interface Probe
FIELD PERSONNEL:

R = Needs Repair or Replacement
C = Completed Repair/ Replacement

Well Head Summary

	Well ID	Depth to Water	Depth to Product	Product Thickness	Total Depth	Vault	Bolts	Lid	Lock/ Cap	ID Plate	Comments
✓	MW-19	14.90									
✓	MW-19D	14.89									
✓	MW-20	20.31				R					vault needs replacing
✓	MW-20D	22.63					R				needs 1 bolt
–	MW-21	–									Destroyed
✓	MW-21D	18.61									
✓	MW-22	19.89				R					old vault bolts sheered off
✓	MW-22D	21.10				R					↓
–	RW-1	--					R				needs 1 bolt
–	RW-2	--									
✓	MW-18D	14.48									

Comments:

Terracon

Groundwater Sampling Log

Page ____ of ____

Well ID:	MW- 1
Date:	9/1/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	890
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1210

Total Well Depth:	42.82 ft. BTOC
Depth to water:	21.45 ft. BTOC
Length of Water Column (LWC):	21.37 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	gal.
3 Casing Volumes:	gal.
Total Volume Purged (gal)	3720 / 3785 = 0.9829

Remarks: needs replacement. Lid was off along with cap/Lock. Soil was in the casing and grass grown over the well. Total depth=

Field Analyses

Time	1140	1145	1150	1155	1200	1205	1210
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
pH	5.70	5.70	5.69	5.46	5.60	5.64	5.64
Specific Conductivity (umhos/cm)	195.2	195.7	195.7	196.7	195.9	196.0	196.1
Water Temperature ©	22.1	22.1	22.0	22.1	22.0	22.1	22.1
Turbidity	53.5	54.1	52.1	50.1	50.4	52.1	52.6
Dissolved Oxygen (mg/L)	1.19	1.14	1.14	1.17	1.10	1.00	1.10
ORP (mV)	-97.3	—	—	-98.1	—	—	—

Terracon

Groundwater Sampling Log

Well ID:	MW-4 + DUP
Date:	9/1/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	
Air Temperature:	
Well Evacuation Method:	~~Bailer~~ Pump
Sample Collection Method:	~~Bailer~~ Pump
Sampled at (time):	1330

Total Well Depth:	49 ft. BTOC
Depth to water:	21.21 ft. BTOC
Length of Water Column (LWC):	27.79 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	— gal.
3 Casing Volumes:	— gal.
Total Volume Purged (gal)	3720 / 3785 = 0.98
Remarks:	

Field Analyses

Time	1300	1305	1310	1315	1320	1325	1330
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
pH	5.18	5.21	5.22	5.19	5.21	5.18	5.16
Specific Conductivity (umhos/cm)	133.9	133.4	133.8	134.2	133.1	132.1	130.1
Water Temperature ©	22.3	22.3	22.3	22.3	22.1	22.3	22.1
Turbidity	33.3	32.1	30.1	32.1	32.2	32.1	32.2
Dissolved Oxygen (mg/L)	1.37	1.30	1.31	1.28	1.26	1.21	1.22
ORP (mV)	-75.6	—	—	-73.9	—	—	—

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Groundwater Sampling Log

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Well ID:	09229/ MW- 5
Date:	9/22/20
Site Name:	~~Peach Stand, Inc~~ Eddins
Project No.:	~~73137049~~ 73098106
Field Personnel:	WH
Weather Conditions:	clear
Air Temperature:	70s
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1115

Total Well Depth (Measured):	~~[illegible]~~ 25 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	15-25 ft. BTOC
Depth to water:	18.31 ft. from Toc
Length of Water Column (LWC):	6.69 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98 gal
Remarks:	

Field Analyses

Time	Initial	1050	1055	1100	1105	1110	1115
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	18.31	18.24	18.41	18.42	18.44	18.45	18.47
pH	5.54	5.46	5.48	5.42	5.41	5.46	5.44
Specific Conductivity (umhos/cm)	182.1	184.2	167.1	170.1	168.2	166.1	164.2
Water Temperature ©	18.3	18.4	18.5	18.5	18.4	18.4	18.4
Turbidity	~~[illegible]~~	2.46	2.41	2.90	2.47	2.44	2.61
Dissolved Oxygen (mg/L)	1.40	1.40	1.42	1.40	1.46	1.41	1.41
	~~18.31~~	~~18.24~~	~~18.41~~	~~18.42~~	~~18.44~~	~~18.45~~	~~18.47~~

Terracon

Groundwater Sampling Log

Well ID:	MW-6
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, OM
Weather Conditions:	cloudy
Air Temperature:	81°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1045

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	25-35 ft. BTOC
Depth to water:	14.83 ft.
Length of Water Column (LWC):	20.17 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98
Remarks:	

Field Analyses

Time	Initial	1020	1025	1030	1035	1040	1045
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	20.17	20.24	20.36	20.51	20.62	20.66	20.72
pH	4.91	4.81	4.80	4.86	4.87	4.88	4.79
Specific Conductivity (umhos/cm)	87.8	91.6	92.3	94.1	94.2	97.1	98.2
Water Temperature ©	22.1	22.1	22.1	22.2	22.1	22.1	22.1
Turbidity	3.14	3.19	4.61	4.22	4.11	4.17	4.21
Dissolved Oxygen (mg/L)	2.20	2.26	2.41	2.32	2.34	2.41	2.40

Terracon

Groundwater Sampling Log

Well ID:	MW- 8
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, OM
Weather Conditions:	cloudy
Air Temperature:	82
Well Evacuation Method:	~~Bailer~~ pump
Sample Collection Method:	~~Bailer~~ pump
Sampled at (time):	1430

Total Well Depth:	35 ft. BTOC
Depth to water:	20.05 ft. BTOC
Length of Water Column (LWC):	14.95 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	gal.
3 Casing Volumes:	gal.
Total Volume Purged (gal)	0.98gal
Remarks:	

Field Analyses 126

Time	1400	1405	1410	1415	1420	1425	1430
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
pH	5.93	5.88	5.81	5.82	5.80	5.88	5.81
Specific Conductivity (umhos/cm)	242.0	240.1	233.1	230.1	228.1	228.3	224.1
Water Temperature ©	20.3	20.1	20.2	20.1	20.1	20.2	20.2
Turbidity	3.88	3.81	3.82	4.01	4.91	4.31	4.38
Dissolved Oxygen (mg/L)	1.92	1.92	1.93	1.99	2.01	2.06	2.02
ORP (mV)							
DTW	15.01	15.14	15.19	15:22	15.24	15.28	15.31

Terracon

Groundwater Sampling Log

Well ID:	MW- 8D
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, DM
Weather Conditions:	sunny
Air Temperature:	89°
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1500

Total Well Depth:	60 ft. BTOC
Depth to water:	20.71 ft. BTOC
Length of Water Column (LWC):	39.19 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	gal.
3 Casing Volumes:	gal.
Total Volume Purged (gal)	6.98
Remarks:	

Field Analyses FR = 120

Time	1430	1435	1440	1445	1450	1455	1500
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
pH	5.95	6.01	6.02	6.01	5.92	5.91	5.90
Specific Conductivity (umhos/cm)	159.9	160.1	163.1	157.1	158.2	155.1	152.1
Water Temperature ©	21.0	21.0	21.1	21.1	21.1	21.0	21.0
Turbidity	4.63	4.60	4.61	4.60	4.66	4.71	4.82
Dissolved Oxygen (mg/L)	2.32	2.30	2.11	1.81	1.71	1.78	1.71
ORP (mV)	-27.1	-25.1	-24.2	-22.1	-24.1	-24.7	-23.2
DTW	20.75	20.77	20.81	20.89	20.98	21.06	21.08

Terracon

Groundwater Sampling Log

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Well ID:	MW-10
Date:	9/1/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	80°
Well Evacuation Method:	~~Bailer~~ Pump
Sample Collection Method:	~~Bailer~~ Pump
Sampled at (time):	1500

Total Well Depth:	35 ft. BTOC
Depth to water:	16.07 ft. BTOC
Length of Water Column (LWC):	18.93 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	— gal.
3 Casing Volumes:	— gal.
Total Volume Purged (gal)	3720 / 3785 = 0.98
Remarks:	

Field Analyses FR = 120

	DTW 18.99	19.01	19.19	19.21	19.29	19.32	19.31
Time	1430	1435	1440	1445	1450	1455	1500
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
pH	4.84	4.81	4.81	4.82	4.84	4.83	4.80
Specific Conductivity (umhos/cm)	75.9	75.9	75.4	75.8	75.6	75.4	75.6
Water Temperature ©	22.3	22.1	22.2	22.2	22.3	22.2	22.3
Turbidity	7.57	7.51	7.61	7.81	7.88	7.88	7.91
Dissolved Oxygen (mg/L)	1.02	1.01	1.02	0.95	1.01	0.90	0.94
ORP (mV)	-90.2	—	—	-88.2	—	—	—

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Groundwater Sampling Log

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Well ID:	MW-11
Date:	9/1/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	80
Well Evacuation Method:	Bailer
Sample Collection Method:	Bailer
Sampled at (time):	1410

Total Well Depth:	35 ft. BTOC
Depth to water:	14.21 ft. BTOC
Length of Water Column (LWC):	20.79 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	— gal.
3 Casing Volumes:	gal.
Total Volume Purged (gal)	3720 / 3785 = 0.9894
Remarks:	

Field Analyses FR=120

	DTW 20.81	20.89	20.91	20.90	21.01	21.19	21.21
Time	1340	1345	1350	1355	1400	1405	1410
Volume Purged (mL)	120	400	400	400	600	600	600
Cumlative Purge Total (mL)	120	720	1120	1920	2520	3120	3720
pH	4.86	4.87	4.81	4.88	4.81	4.85	4.81
Specific Conductivity (umhos/cm)	1041	101.1	104.2	102.1	104.1	106.0	108.1
Water Temperature ©	20.1	20.1	20.2	20.1	20.0	20.1	20.1
Turbidity	21.0	20.1	20.1	20.1	20.1	20.7	20.7
Dissolved Oxygen (mg/L)	1.30	1.21	1.21	1.71	1.27	1.23	1.31
ORP (mV)	—	—	—	—	—	—	—

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Groundwater Sampling Log

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Well ID:	MW- 12 + DUP
Date:	9/1/26
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	~~SS~~ WH
Weather Conditions:	Sunny
Air Temperature:	88°
Well Evacuation Method:	~~Bailer~~ Pump
Sample Collection Method:	~~Bailer~~ Pump
Sampled at (time):	1130

Total Well Depth:	35 ft. BTOC
Depth to water:	10.99 ft. BTOC
Length of Water Column (LWC):	24.01 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	— gal.
3 Casing Volumes:	— gal.
Total Volume Purged (gal)	3726 / 3785 = 0.98 gal
Remarks:	

Field Analyses

Time	1100	1105	1110	1115	1120	1125	1136
Volume Purged (mL)	120	600	600	600	660	600	606
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3726
pH	5.99	6.01	6.00	6.04	6.01	6.00	6.01
Specific Conductivity (umhos/cm)	289.1	288.1	292.3	294.1	299.4	301.4	299.1
Water Temperature ©	22.8	22.6	22.4	22.1	22.4	22.1	22.2
Turbidity	14.1	12.6	12.1	12.1	12.2	12.6	12.6
Dissolved Oxygen (mg/L)	1.01	1.00	0.99	1.01	0.98	0.99	0.99
ORP (mV)	-111.5	-111.2	—	—		—	—

Terracon

Groundwater Sampling Log

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Well ID:	09229/ MW- 13
Date:	9/22/20
Site Name:	~~Peach Stand Inc~~ Eddies
Project No.:	~~3137049~~ 730981106
Field Personnel:	WH
Weather Conditions:	clear
Air Temperature:	70°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1040

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	20-35 ft. BTOC
Depth to water:	10.25 ft.
Length of Water Column (LWC):	24.75 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98gal
Remarks:	

Field Analyses

	Initial	1015	1020	1025	1030	1035	1040
Time							
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	400	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	10.27	10.31	10.32	10.36	10.41	10.44	10.48
pH	6.54	6.52	6.50	6.52	6.51	6.50	6.50
Specific Conductivity (umhos/cm)	183.1	182.1	178.1	172.2	176.1	172.1	170.2
Water Temperature ©	18.0	18.0	18.0	18.0	18.0	18.0	18.0
Turbidity	19.7	19.2	18.4	18.1	19.2	19.0	20.2
Dissolved Oxygen (mg/L)	2.51	2.51	2.47	2.44	2.40	2.41	2.40

Terracon

Groundwater Sampling Log

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Well ID:	MW-14
Date:	9/1/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	880
Well Evacuation Method:	~~Bailer~~ Pump
Sample Collection Method:	~~Bailer~~ Pump
Sampled at (time):	1045

Total Well Depth:	35 ft. BTOC
Depth to water:	16.10 ft. BTOC
Length of Water Column (LWC):	18.9 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	gal.
3 Casing Volumes:	gal.
Total Volume Purged (gal)	3726 / 3785 = 0.98 gal
Remarks:	

Field Analyses

Time	1015	1020	1025	1030	1035	1040	1045
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3726
pH	6.16	6.21	6.22	6.19	6.19	6.22	6.24
Specific Conductivity (umhos/cm)	181.4	181.9	182.3	183.4	184.1	186.1	188.2
Water Temperature ©	20.6	20.4	20.3	20.2	20.2	20.1	20.2
Turbidity	1.51	1.51	1.61	1.99	2.06	2.04	2.61
Dissolved Oxygen (mg/L)	1.58	1.55	1.52	1.61	1.71	1.81	1.77
ORP (mV)	—	—	—	—	—	—	—

Terracon

Groundwater Sampling Log

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Well ID:	MW- 15
Date:	8-31-20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Cloudy
Air Temperature:	80
Well Evacuation Method:	~~Bailer~~ Pump
Sample Collection Method:	~~Bailer~~ Pump
Sampled at (time):	13:10

Total Well Depth:	32	ft. BTOC
Depth to water:	15.88	ft. BTOC
Length of Water Column (LWC):	~~17.32~~	ft.
Casing Diameter:	2.0	in.
~~1 Casing Volume~~ = LWC x 0.17 =		gal.
~~3 Casing Volumes:~~		gal.
Total Volume Purged (gal)	4650 / 3785.412 = 1.23 gal	

Screen interval 17-32

Remarks:

Field Analyses

	initial						
Time	12:40	12:45	12:50	12:55	13:00	13:05	13:10
Volume Purged (mL)	150	750	750	750	750	750	750
Cumlative Purge Total (mL)	150	900	1650	2400	3150	3900	4650
pH	5.44	5.37	5.47	5.51	5.51	5.58	5.41
Specific Conductivity (umhos/cm)	95.3	87.5	86.8	98.8	96.5	91.7	88.0
Water Temperature ©	22.5	21.2	20.8	20.5	20.3	20.3	20.3
Turbidity	29.6	9.13	7.82	5.80	4.43	4.03	3.35
Dissolved Oxygen (mg/L)	1.52	1.71	2.71	2.05	2.13	2.10	2.06
~~ORP (mV)~~ flowrate	150	150	150	150	150	150	150
DTW	15.88	16.37	17.11	17.11	17.11	17.31	17.49

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Groundwater Sampling Log

Well ID:	MW- 15D
Date:	8.31.20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Cloudy
Air Temperature:	80
Well Evacuation Method:	~~Bailer~~ Pump
Sample Collection Method:	~~Bailer~~ Pump
Sampled at (time):	13:55

Total Well Depth:	60 ft. BTOC
Depth to water:	14.68 ft. BTOC
Length of Water Column (LWC):	45.32 ft.
Casing Diameter:	2.0 in.
~~1 Casing Volume~~ = LWC x 0.17 =	gal.
~~3 Casing Volumes~~:	gal.
Total Volume Purged (gal)	
Remarks:	

screen interval 55-60

Field Analyses

	initial						
Time	13:25	13:30	13:35	13:40	13:45	13:50	13:55
Volume Purged (mL)	150	750	750	750	750	750	750
Cumlative Purge Total (mL)	150	900	1650	2400	3150	3900	4650
pH	5.46	5.31	5.31	5.32	5.22	5.23	5.25
Specific Conductivity (umhos/cm)	88.4	86.1	85.8	85.6	85.9	86.7	87.8
Water Temperature ©	20.2	19.9	19.9	19.7	19.8	19.7	19.6
Turbidity	1.75	2.58	2.55	2.53	1.86	2.43	2.92
Dissolved Oxygen (mg/L)	4.22	4.09	4.18	4.25	4.00	3.93	3.92
~~ORP (mV)~~ Flowrate	150	150	150	150	150	150	150
DTW	14.68	15.25	15.57	15.89	16.16	16.44	16.62

Terracon

Groundwater Sampling Log

Well ID:	MW-16
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, OM
Weather Conditions:	sunny
Air Temperature:	90°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1325

Total Well Depth (Measured):	32 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	17-32 ft. BTOC
Depth to water:	15.55 ft.
Length of Water Column (LWC):	16.45 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3726 / 3785.412 = Total Gallons: 0.98gal
Remarks:	

Field Analyses

Time	Initial	1300	1305	1310	1315	1320	1325
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	15.62	15.68	15.74	15.81	15.88	15.96	16.01
pH	5.15	5.21	5.19	5.12	5.16	5.22	5.21
Specific Conductivity (umhos/cm)	96.7	98.1	102.1	101.3	104.6	102.1	100.1
Water Temperature ©	20.0	20.1	20.1	20.0	20.0	20.1	20.1
Turbidity	6.56	6.31	6.40	6.69	6.42	6.49	6.51
Dissolved Oxygen (mg/L)	3.64	3.61	3.62	3.51	3.56	3.51	3.44

Terracon

Groundwater Sampling Log

Well ID:	MW-16D
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, OM
Weather Conditions:	Sunny
Air Temperature:	87°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1400

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	14.85 ft.
Length of Water Column (LWC):	45.15 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	[illegible] / 3785.412 = Total Gallons: 0.98 gal
Remarks:	

Field Analyses

Time	Initial	1335	1340	1345	1350	1355	1400
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3726
DTW	14.92	14.94	14.98	15.04	15.09	15.14	15.18
pH	5.80	5.81	5.71	5.61	5.66	5.48	5.46
Specific Conductivity (umhos/cm)	157.1	155.1	152.1	151.0	150.1	148.1	144.6
Water Temperature ©	20.7	20.6	20.6	20.4	20.4	20.3	20.3
Turbidity	2.47	2.43	2.40	2.44	2.46	2.48	2.44
Dissolved Oxygen (mg/L)	2.31	2.30	2.01	2.22	2.14	2.14	2.16

Terracon

Groundwater Sampling Log

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Well ID:	MW-17
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, DM
Weather Conditions:	cloudy
Air Temperature:	82°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1045

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / No Circle One	
Screen Interval	20-35 ft. BTOC
Depth to water:	15.56 ft.
Length of Water Column (LWC):	19.44 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	/ 3785.412 = Total Gallons:
Remarks:	

Field Analyses

Time	Initial	1020	1025	1030	1035	1040	1045
Flow Rate (measured):	150	150	150	150	150	150	150
Volume Purged (mL)	150	750	750	750	750	750	750
Cumlative Purge Total (mL)	150	900	1650	2400	3150	3900	4650
DTW	15.56	16.82	17.08	17.84	17.98	18.13	18.89
pH	5.01	4.54	4.57	4.52	4.59	4.47	4.46
Specific Conductivity (umhos/cm)	116.3	78.8	77.5	76.7	75.1	75.6	75.6
Water Temperature ©	22.8	22.3	22.1	21.9	22.0	22.1	23.3
Turbidity	3.86	4.54	6.63	2.25	2.07	1.97	2.30
Dissolved Oxygen (mg/L)	3.84	2.65	2.28	2.06	1.93	1.76	1.67

Terracon

Groundwater Sampling Log

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Well ID:	MW - 17D
Date:	8.31.20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	cloudy
Air Temperature:	80°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	11:30

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / No	Circle One
Screen Interval	55-60 ft. BTOC
Depth to water:	21.72 1' ft.
Length of Water Column (LWC):	38.28 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	/ 3785.412 = Total Gallons:
Remarks:	

Field Analyses

	Initial	11:05	11:10	11:15	11:20	11:25	11:30
Time							
Flow Rate (measured):	150	150	150	150	150	150	150
Volume Purged (mL)	150	750	750	750	750	750	750
Cumlative Purge Total (mL)	150	900	1650	2400	3150	3900	4650
DTW	21.72	22.31	22.78	23.00	23.19	23.22	24.05
pH	5.45	5.49	5.35	5.29	5.30	5.26	5.19
Specific Conductivity (umhos/cm)	101.6	96.2	87.6	88.4	88.9	89.9	98.1
Water Temperature ©	24.1	23.9	23.6	23.6	23.8	23.6	23.5
Turbidity	3.32	3.14	2.70	4.68	3.53	1.55	1.51
Dissolved Oxygen (mg/L)	1.57	1.52	1.61	1.35	1.55	1.53	1.46

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Groundwater Sampling Log

Well ID:	MW- 18
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	850
Well Evacuation Method:	~~Bailer~~ PUMP
Sample Collection Method:	~~Bailer~~ PUMP
Sampled at (time):	1540

Total Well Depth:	17- 32 ft. BTOC
Depth to water:	14.54 ~~17.32~~ ft. BTOC
Length of Water Column (LWC):	17.44 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	— gal.
3 Casing Volumes:	— gal.
Total Volume Purged (gal)	3720 / 3785 = 0.98
Remarks:	

Field Analyses

Time	1510	1515	1520	1525	1530	1535	1540
Volume Purged (mL)	120	400	400	400	400	400	400
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
pH	5.25	5.21	5.22	5.21	5.31	5.38	5.36
Specific Conductivity (umhos/cm)	80.6	81.1	82.3	84.4	86.1	91.1	92.1
Water Temperature ©	20.5	20.4	20.3	20.2	20.2	20.2	20.2
Turbidity	1.77	1.17	1.81	1.88	1.91	1.81	1.89
Dissolved Oxygen (mg/L)	1.09	1.01	1.04	1.01	1.09	1.11	1.12
ORP (mV)	-78.0	—	—	—	—	—	—

Terracon

Groundwater Sampling Log

Well ID:	MW- 18D
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, am
Weather Conditions:	cloudy
Air Temperature:	890
Well Evacuation Method:	~~Bailer~~ pump
Sample Collection Method:	~~Bailer~~ pump
Sampled at (time):	1535

Total Well Depth:	55 - 60 ft. BTOC
Depth to water:	14.48 ~~45 [illegible]~~ ft. BTOC
Length of Water Column (LWC):	45.52 ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	(gal.
3 Casing Volumes:	) gal.
Total Volume Purged (gal)	3720 / 3785.412 = 0.98gal
Remarks:	

Field Analyses

FR = 120

Time	1505	1510	1515	1520	1525	1530	1535
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1370	1970	2520	3120	3720
pH	5.58	5.51	5.55	5.61	5.72	5.71	5.72
Specific Conductivity (umhos/cm)	143.8	144.1	147.1	148.3	149.6	150.1	151.1
Water Temperature ©	20.6	20.1	20.2	20.1	20.2	20.2	20.1
Turbidity	3.68	3.72	3.81	3.41	3.61	3.81	3.87
Dissolved Oxygen (mg/L)	1.34	1.31	1.30	1.31	1.37	1.26	1.19
ORP (mV)	-118.6	-118.1	-101.6	-101.4	-101.9	-100.2	-98.1

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Groundwater Sampling Log

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Well ID:	MW- 19
Date:	8.31.20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	cloudy
Air Temperature:	80
Well Evacuation Method:	~~Bailer~~ pump
Sample Collection Method:	~~Bailer~~ pump
Sampled at (time):	15:15

Total Well Depth:	32 ft. BTOC
Depth to water:	14.90 ft. BTOC
Length of Water Column (LWC):	17.10 ft. Screen
Casing Diameter:	2.0 in. interval
1 ~~Casing Volume~~ = LWC x 0.17 =	gal. 17.5-27.5
3 ~~Casing Volumes~~:	gal.
Total Volume Purged (gal)	11.50 / 3785 = 1.23 gal
Remarks:	

Field Analyses	Initial						
flowrate	150	150	150	150	150	150	150
Time	14:45	14:50	14:55	15:00	15:05	15:10	15:15
Volume Purged (mL)	150	750	750	750	750	750	750
Cumlative Purge Total (mL)	150	900	1650	2400	3150	3900	4650
pH	5.46	5.49	5.33	5.32	5.29	5.16	5.15
Specific Conductivity (umhos/cm)	108.7	106.1	104.5	105.0	105.8	105.6	104.9
Water Temperature ©	20.9	20.7	20.6	20.8	20.5	20.5	20.3
Turbidity	2.84	2.43	2.06	1.92	1.23	1.02	1.03
Dissolved Oxygen (mg/L)	2.17	1.98	1.68	1.79	1.60	1.61	1.59
~~ORP (mV)~~ DTW	14.96	15.98	16.28	16.50	16.69	16.98	17.05

Terracon

Groundwater Sampling Log

Well ID:	MW- 19D
Date:	8.31.20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	cloudy
Air Temperature:	80
Well Evacuation Method:	~~Bailer~~ pump
Sample Collection Method:	~~Bailer~~ pump
Sampled at (time):	14:35

Total Well Depth:	60 ft. BTOC
Depth to water:	14.89 ft. BTOC
Length of Water Column (LWC):	45.11 ft. screen interval 55-60
Casing Diameter:	2.0 in.
1 ~~Casing Volume~~ = LWC x 0.17 =	gal.
3 ~~Casing Volumes~~:	gal.
Total Volume Purged (gal)	4650 / 3785 = 1.23 gal
Remarks:	

Field Analyses

Flowrate

	initial 150	150	150	150	150	150	150
Time	14:05	14:10	14:15	14:20	14:25	14:30	14:35
Volume Purged (mL)	150	750	750	750	750	750	750
Cumlative Purge Total (mL)	150	900	1650	2400	3150	3900	4650
pH	6.13	6.18	6.15	6.13	6.13	6.12	6.12
Specific Conductivity (umhos/cm)	151.7	149.9	149.7	149.5	150.1	150.4	150.5
Water Temperature ©	20.6	19.8	19.8	19.7	19.7	19.7	19.6
Turbidity	23.6	12.1	9.34	7.71	6.17	6.57	6.68
Dissolved Oxygen (mg/L)	1.89	2.03	1.89	1.58	1.58	1.58	1.57
~~ORP (mV)~~ DTW	14.89	15.64	16.28	16.69	17.05	17.33	17.96
	~~+4.89~~	~~15.64~~					

Terracon

Groundwater Sampling Log

Well ID:	MW-20
Date:	8.31.20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Cloudy
Air Temperature:	80
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	12:15

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / No	Circle One
Screen Interval	25-35 ft. BTOC
Depth to water:	20.82 ft.
Length of Water Column (LWC):	14.18 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	4650 / 3785.412 = Total Gallons: ~~1.23~~ 1.23
Remarks:	

Field Analyses

	Initial	11:50	11:55	12:00	12:05	12:10	12:15
Time							
Flow Rate (measured):	150	150	150	150	150	150	150
Volume Purged (mL)	150	750	750	750	750	750	750
Cumlative Purge Total (mL)	150	900	1650	2400	3150	3900	4650
DTW	20.82	21.46	22.11	22.85	23.39	23.86	24.15
pH	5.44	5.44	5.46	5.47	5.49	5.46	5.47
Specific Conductivity (umhos/cm)	142.4	142.6	142.9	143.7	142.4	142.7	143.1
Water Temperature ©	24.7	24.6	24.4	24.4	23.8	23.8	23.7
Turbidity	22.4	26.7	39.1	44.8	58.3	59.9	61.2
Dissolved Oxygen (mg/L)	1.06	1.18	1.24	1.17	1.32	1.33	1.31

Terracon

Groundwater Sampling Log

Well ID:	MW-20D
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, OM
Weather Conditions:	cloudy, rain
Air Temperature:	80°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1115

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	22.63 ft.
Length of Water Column (LWC):	37.37 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.98
Remarks:	

Field Analyses

Time	Initial	1050	1055	1100	1105	1110	1115
Flow Rate (measured):	120	126	120	120	120	120	120
Volume Purged (mL)	120	600	600	600	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	22.60	22.61	22.66	22.71	22.62	22.81	22.80
pH	5.61	5.82	5.71	5.66	5.66	5.61	5.60
Specific Conductivity (umhos/cm)	88.1	89.1	88.4	87.1	84.2	82.1	81.4
Water Temperature ©	21.4	21.2	21.4	21.3	21.4	21.3	21.4
Turbidity	9.16	91.4	9.71	9.51	9.61	9.62	9.66
Dissolved Oxygen (mg/L)	2.61	2.01	2.07	2.09	2.17	2.06	2.91

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Groundwater Sampling Log

Well ID:	MW - 21D
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, OM
Weather Conditions:	cloudy
Air Temperature:	85°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1145

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / No (Circle One)	
Screen Interval	55-60 ft. BTOC
Depth to water:	18.61 ft.
Length of Water Column (LWC):	41.39 ft.
Casing Diameter:	in.
Total Volume Purged (mL) 4030 / 3785.412 = Total Gallons:	1.06
Remarks:	

Field Analyses

Time	Initial	1120	1125	1130	1135	1140	1145
Flow Rate (measured):	130	130	130	130	130	130	130
Volume Purged (mL)	130	650	650	650	650	650	650
Cumlative Purge Total (mL)	130	780	1430	2080	2730	3380	4030
DTW	18.72	18.79	18.71	18.74	18.82	18.87	18.91
pH	5.46	5.41	5.62	5.57	5.56	5.61	5.62
Specific Conductivity (umhos/cm)	~~[illegible]~~	334.1	341.1	327.1	332.1	339.6	340.1
Water Temperature ©	22.1	22.1	22.1	22.2	22.2	22.0	22.0
Turbidity	~~[illegible]~~	6.72	6.01	6.22	6.21	7.02	7.01
Dissolved Oxygen (mg/L)	~~[illegible]~~ 1.24	1.01	0.99	0.87	0.79	0.91	0.92

Terracon

Groundwater Sampling Log

Page ____ of ____

Well ID:	MW-22
Date:	8/31/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, OM
Weather Conditions:	Sunny
Air Temperature:	82°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1250

Total Well Depth (Measured):	35 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	25-35 ft. BTOC
Depth to water:	19.89 ft.
Length of Water Column (LWC):	____ ft.
Casing Diameter:	2 in.

Total Volume Purged (mL) ____ / 3785.412 = Total Gallons: ____

Remarks: ____

Field Analyses

Time	Initial	1225	1230	1235	1240	1245	1250
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	600	400	400	400	600	600
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	19.92	19.94	19.99	20.12	20.19	20.21	20.22
pH	5.70	5.72	5.78	5.81	5.83	5.87	5.91
Specific Conductivity (umhos/cm)	131.1	121	120.1	119.1	114.2	110.1	112.0
Water Temperature ©	21.9	21.9	21.8	21.4	21.2	21.1	21.1
Turbidity	7.30	7.91	8.02	8.14	8.11	8.10	8.16
Dissolved Oxygen (mg/L)	0.78	0.71	0.81	0.88	0.81	0.87	0.88

Terracon

Groundwater Sampling Log

Page ____ of ____

Well ID:	MW-22D
Date:	8/3/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH, OM
Weather Conditions:	cloudy
Air Temperature:	88°
Well Evacuation Method:	Peristaltic Pump
Sample Collection Method:	Peristaltic Pump
Sampled at (time):	1215

Total Well Depth (Measured):	60 ft. BTOC
Measured: Yes / (No) Circle One	
Screen Interval	55-60 ft. BTOC
Depth to water:	21.10 ft.
Length of Water Column (LWC):	38.90 ft.
Casing Diameter:	2 in.
Total Volume Purged (mL)	3720 / 3785.412 = Total Gallons: 0.983 gal
Remarks:	

Field Analyses

Time	Initial	1150	1155	1200	1205	1210	1215
Flow Rate (measured):	120	120	120	120	120	120	120
Volume Purged (mL)	120	400	400	400	400	400	400
Cumlative Purge Total (mL)	120	720	1320	1920	2520	3120	3720
DTW	21.19	21.22	21.26	21.32	21.41	21.42	21.50
pH	4.91	4.99	5.01	5.07	5.04	5.01	5.02
Specific Conductivity (umhos/cm)	78.2	80.1	82.1	84.2	86.1	89.2	91.1
Water Temperature ©	22.1	22.1	22.0	22.1	22.1	22.1	22.1
Turbidity	1.37	1.31	1.61	1.99	2.61	2.22	2.21
Dissolved Oxygen (mg/L)	0.89	0.81	0.81	0.82	0.81	0.80	0.87

Terracon

Groundwater Sampling Log

FB at 1015

Well ID:	~~MW-~~ PW-1 +DUP
Date:	9/1/20
Site Name:	SCDOT Eddies Pit Stop
Project No.:	73098106
Field Personnel:	WH
Weather Conditions:	Sunny
Air Temperature:	82°
Well Evacuation Method:	~~Bailer~~ Pump
Sample Collection Method:	~~Bailer~~ Pump
Sampled at (time):	1010

Total Well Depth:	____ ft. BTOC
Depth to water:	____ ft. BTOC
Length of Water Column (LWC):	____ ft.
Casing Diameter:	2.0 in.
1 Casing Volume = LWC x 0.17 =	____ gal.
3 Casing Volumes:	____ gal.
Total Volume Purged (gal)	3720 / 3785 = 0.98 DI
Remarks:	

Field Analyses FR = 120

Time	0940	0945	0950	0955	1000	1005	1010
Volume Purged (mL)	120	600	600	400	600	600	600
Cumlative Purge Total (mL)	120	720	1320	1720	2320	3120	3720
pH	6.75	6.71	6.81	6.82	6.84	6.80	6.79
Specific Conductivity (umhos/cm)	231.4	222.1	229.1	226.0	228.1	230.3	230.4
Water Temperature ©	22.0	22.1	22.2	22.0	22.0	22.0	21.9
Turbidity	4.21	4.91	5.01	5.06	5.91	6.01	6.07
Dissolved Oxygen (mg/L)	1.70	1.79	1.61	1.66	1.69	1.68	1.88
ORP (mV)	—	—	—	—	—	—	—

EQUIPMENT CALIBRATION LOG

Terracon

Site: Eddies Pitt stop

Date: 9/1/20

Parameter / Meter:	Standard	Measurement	Pre	During	Post
PH, Specific Conductivity, Temperature YSI Pro: (Serial No. 14H103022)			Time: 0600	Time:	Time: 1806
	4 / 7 / 10	Initial	4.01 / 7.02 / 10.04		3.98 / 6.91 / 9.99
		Post Calibration	4 / 7 / 10		4 / 7 / 10
	Calibration Successful: (Y) N		(Y) N	Y / N	(Y) N
	1413 µS/cm	Initial	1461		1391
		Post Calibration	1413		1413
	Calibration Successful: Y / N		(Y) N	Y / N	(Y) N
Dissolved Oxygen YSI 55: (Serial No. 06G1604)	Elevation at 100% Relative Humidity	Site Elevation: 656ft	5.06 mg/L	mg/L	5.21 mg/L
Turbidity HACH: (Serial No.15050C041383)	20 / 100 / 800 ntu	Initial	20.1 / 100 / 806		20.6 / 106 / 802
		Post Calibration	20 / 100 / 800		20 / 100 / 800
	Calibration Successful: (Y) / N		(Y) N	Y / N	(Y) N

Comments:

Technician: Walker Hinson

Signature: Walker Hinson

EQUIPMENT CALIBRATION LOG

Terracon

Site: Eddies Pitt stop

Date: 8/31/20

Parameter / Meter:	Standard	Measurement	Pre	During	Post
			Time: 0930	Time:	Time: 1730
PH, Specific Conductivity, Temperature YSI Pro: (Serial No. 14H103022)	4 / 7 / 10	Initial	4.00 / 7.01 / 10.02		4.01 / 6.99 / 9.99
		Post Calibration	4 / 7 / 10		4 / 7 / 10
	Calibration Successful: (Y) / N		(Y) / N	Y / N	(Y) / N
	1413 µS/cm	Initial	1469		1396
		Post Calibration	1413		1412
	Calibration Successful: (Y) / N		(Y) / N	Y / N	(Y) / N
Dissolved Oxygen YSI 55: (Serial No. 06G1604)	Elevation at 100% Relative Humidity	Site Elevation: 656	~~7.6~~ 5.01 mg/L	mg/L	~~5.9~~ 5.06 mg/L
Turbidity HACH: (Serial No.15050C041383)	20 / 100 / 800 ntu	Initial	20.1 / 101.1 / 801		20.1 / 100 / 801
		Post Calibration	20 / 100 / 800		20 / 100 / 800
	Calibration Successful: (Y) / N		(Y) / N	Y / N	(Y) / N

Comments: _____

Technician: Walker Hanson

Signature: Walker Hanson

EQUIPMENT CALIBRATION LOG

Terracon

Site: Eddies Pitt Stop

Date: 9/22/20

Parameter / Meter:	Standard	Measurement	Pre	During	Post
			Time: 0630	Time:	Time: 0800
PH, Specific Conductivity, Temperature, Dissolved Oxygen YSI Pro Plus: (Serial No. 14H103022)	4 / 7 / 10	Initial	4.02 / 7.04 / 9.98		4.01 / 6.98 / 9.89
		Post Calibration	4 / 7 / 10		4 / 7 / 10
	Calibration Successful: (Y) / N		(Y) / N	Y / N	(Y) / N
	1413 µs/cm	Initial	1461		1467
		Post Calibration	1413		1413
	Calibration Successful: (Y) / N		(Y) / N	Y / N	(Y) / N
	Elevation at 100% Relative Humidity	Site Elevation: 656ft	5.06 mg/L	mg/L	5.27 mg/L
Turbidity HACH: (Serial No.15050C041383)	20 / 100 / 800 ntu	Initial	20.1 / 100 / 806		20.4 / 104 / 801
		Post Calibration	26 / 100 / 800		20 / 100 / 800
	Calibration Successful: (Y) / N		(Y) / N	Y / N	(Y) / N

Comments: _____

Technician: Walker Hinson

Signature: Walker Hinson

ACCESS ANALYTICAL, INC.

ANALYTICAL REPORT

CLIENT

Terracon
521 Clemson Rd
Columbia SC 29229

ATTENTION
Regan Norris

PROJECT ID
SCDOT, Eddies Pit Stop

LABORATORY REPORT NUMBER
2009341

DATE
September 14, 2020

Primary Data Review By

Chris Pafford
Project Manager, AES

Secondary Data Review By

Ashley Amick
Project Manager, Access Analytical
aamick@axs-inc.com

PLEASE NOTE:

- **Unless otherwise noted, all analysis on this report performed at Analytical Environmental Services Inc. (AES Inc), 3080 Presidential Drive, Atlanta, GA 30340.**
- **AES is SCDHEC certified laboratory # 98016, NCDENR certified lab # 562, GA certified lab # FL-E87582, NELAP certified laboratory # E87582**
- **AIHA-LAP,LLC Laboratory ID:100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination.**
- Local support services for this project are provided by Access Analytical, Inc. Access Analytical is a representative of AES serving client in the SC/NC/GA areas. All questions regarding this report should be directed to your local Access Analytical representative at 803.781.4243 or toll fee at 883.315.4243

Access Lab Report #: _____
Sub Lab (if applicable): AES / Sub Report #: _____
Client Purchase Order #: _____
Access Estimate #: _____

Access Analytical, Inc.
15 Thames Valley Rd. ~ Irmo, SC 29063
Phone: 803-781-4243 / Fax: 803-781-4303 / www.axs-inc.com
SCDHEC Lab Certification # 32571
NELAC Lab ID # E871145

2009341

Chain of Custody Record

| | | |

Access Lab Report #: _____
Sub Lab (if applicable): _____ / Sub Report #: _____
Client Purchase Order #: _____
Access Estimate #: _____

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SCDHEC Lab Certification # 32571
NELAC Lab ID # E871145

200934)

Chain of Custody Record

Client:	Terracon Consultants	State:	SC	Zip Code:	29229
Attn:	Regan Norris				
Address:	521 Clemson Road				
City:	Columbia				
Phone:	803-741-9000	Fax:	803-741-9900		
Email:	Regan.Norris@terracon.com				
Project Name:	SCDOT Eddies Pit stop				
Sampled By (Signature):					

Preservation Codes / Bottle Types:

*Preservative Codes:
0 = None, **1** = HCL, **2** = HNO_3, **3** = H_2SO_4, **4** = NaOH, **5** = $Na_2S_2O_3$, **6** = Method 5035 set w/ $NaHSO_4$ & CH_3OH, **7** = NaOH/ZnOAC, **8** = H_3PO_4, **9** = cooled to ≤6°C, **10** = cooled to ≤10°C, **11** = Amm.Cl-, **12** = Ascorbic Acid / HCL, **13** = EDA

*Matrix Codes:
GW = ground water, **WW** = waste water, **DW** = drinking water, **SW** = surface/storm water, **S** = soil, **SL** = sludge, **A** = air, **IW** = industrial waste, **O** = other (specify in comments section)

*Program Area Codes:
CWA = Clean Water Act (for wastewaters), **SDWA** = Safe Drinking Water Act (for drinking water), **SHW** = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

***Container Type**: G = Glass, P = Plastic

Lab ID:	Sample Name:	Date Collected:	Time Collected:	C=Comp G=Grab	Matrix (see codes)	Program Area (see codes)	Total # Containers	Preservatives (see codes)		Bottle Types (see codes)		REQUESTED LAB ANALYSIS: BTEX, Naph, MTBE, 1,2 DCA, 5 x 8	REQUESTED LAB ANALYSIS: EDB	Notes / Comments
	18871 / MW-15D	8/31/20	1355	G	GW	SHW	5	# Containers per Test >>				3	2	
	18871 / MW-16D	8/31/20	1400	G	GW	SHW	5	# Containers per Test >>				3	2	
	18871 / MW-8	8/31/20	1430	G	GW	SHW	5	# Containers per Test >>				3	2	
	18871 / MW-19D	8/31/20	1435	G	GW	SHW	5	# Containers per Test >>				3	2	
	18871 / MW-8D	8/31/20	1500	G	GW	SHW	5	# Containers per Test >>				3	2	
	18871 / MW-19	8/31/20	1515	G	GW	SHW	5	# Containers per Test >>				3	2	
	18871 / MW-18D	8/31/20	1535	G	GW	SHW	5	# Containers per Test >>				3	2	
	18871 / MW-18	8/31/20	1540	G	GW	SHW	5	# Containers per Test >>				3	2	
	18871 / Field Blank	8/31/20	1600	G	GW	SHW	5	# Containers per Test >>				3	2	
	18871 / MW-14	9/1/20	1045	G	GW	SHW	5	# Containers per Test >>				3	2	

Turnaround Time Requested:		Project Location:		Relinquished By:	Received By:	Date:	Time (24hr):	Samples Received on Ice:
Standard	X	SC	X		Fedex	9.2.20	1215	X Y ___N ___N/A
Rush *		NC		Fedex	Fedex	9.2.20	1700	___Y ___N ___N/A
*Date Required		Other (Specify):						___Y ___N ___N/A
Rush data emailed/faxed by end of business day on date required. Standard TAT is 7-10 business days.						9-3-20	9:31	___Y ___N ___N/A

Received in lab by: Brian Hill

Sample Temp. Received in Lab: 1.2, 1.4, 1.3 (°C)

Ref: RT1 **Ref: RT2**

Chain of Custody Page 2 **of** 3

White Copy: Lab original / Canary Copy: Client Copy

NOTE: Relinquishing samples via this Chain of Custody document constitutes client acceptance of Access Analytical terms and conditions.

Access Lab Report #: _____
Sub Lab (if applicable): _____ / Sub Report #: _____
Client Purchase Order #: _____
Access Estimate #: _____

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SCDHEC Lab Certification # 32571
NELAC Lab ID # E871145

200 1341

Chain of Custody Record

Client:	Terracon Consultants
Attn:	Regan Norris
Address:	521 Clemson Road
City:	Columbia
State:	SC
Zip Code:	29229
Phone:	803-741-9000
Fax:	803-741-9900
Email:	Regan.Norris@terracon.com
Project Name:	SCDOT Eddies Pit Stop
Sampled By (Signature):	

Lab ID:	Sample Name:	Date Collected:	Time Collected:	C=Comp G=Grab	Matrix (see codes)	Program Area (see codes)	Total # Containers	Preservatives (see codes)		Bottle Types (see codes)		REQUESTED LAB ANALYSIS: →	BTEX, Naph, MTBE, 1,2-DCA, oxy	EDB
	18871 / MW-12	9/1/20	1130	G	GW	SHW	5					# Containers per Test >>	3	2
	18871 / MW-12 DUP	9/1/20	1130	G	GW	SHW	5					# Containers per Test >>	3	2
	18871 / MW-1	9/1/20	1210	G	GW	SHW	5					# Containers per Test >>	3	2
	18871 / MW-4	9/1/20	1330	G	GW	SHW	5					# Containers per Test >>	3	2
	18871 / MW-4 DUP	9/1/20	1330	G	GW	SHW	5					# Containers per Test >>	3	2
	18871 / MW-11	9/1/20	1410	G	GW	SAW	5					# Containers per Test >>	3	2
	18871 / MW-10	9/1/20	1500	G	GW	SHW	5					# Containers per Test >>	3	2
	18871 / Field Blank	9/1/20	1200	G	GW	SHW	5					# Containers per Test >>	3	2
	18871 / Trip Blank	8/31/20					1					# Containers per Test >>	1	
												# Containers per Test >>		

Preservation Codes / Bottle Types:

*Preservative Codes:
0 = None, **1** = HCL, **2** = HNO_3, **3** = H_2SO_4, **4** = NaOH, **5** = $Na_2S_2O_3$, **6** = Method 5035 set w/ $NaHSO_4$ & CH_3OH, **7** = NaOH/ZnOAC, **8** = H_3PO_4, **9** = cooled to ≤6°C, **10** = cooled to ≤10°C, **11** = Amm.Cl-, **12** = Ascorbic Acid / HCL, **13** = EDA

*Matrix Codes:
GW = ground water, **WW** = waste water, **DW** = drinking water, **SW** = surface/storm water, **S** = soil, **SL** = sludge, **A** = air, **IW** = industrial waste, **O** = other (specify in comments section)

*Program Area Codes:
CWA = Clean Water Act (for wastewaters), **SDWA** = Safe Drinking Water Act (for drinking water), **SHW** = Solid and Hazardous Wastes (for soils, ground waters and waste samples)

***Container Type:** G = Glass, P = Plastic

Notes / Comments

Turnaround Time Requested:		Project Location:		Relinquished By:	Received By:	Date:	Time (24hr):	Samples Received on Ice:
Standard	X	SC	X			9-2-20	1215	✓ Y ___N ___N/A
Rush *		NC		Fed Ex	Fed Ex	9-2-20	1700	✓ Y ___N ___N/A
*Date Required		Other (Specify):						___Y ___N ___N/A
						9-3-20	9:51	___Y ___N ___N/A

Rush data emailed/faxed by end of business day on date required. Standard TAT is 7-10 business days.

Received in lab by: _____

Sample Temp. Received in Lab: 1.2, 1.4 (°C) 1.3

Ref: RT1 Ref: RT2

Chain of Custody Page 3 of 3

White Copy: Lab original / Canary Copy: Client Copy

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Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-17
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 10:45:00 AM
Lab ID:	**2009341-001**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
Benzene	0.39	U	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
Surr: 4-Bromofluorobenzene	98.4		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 10:20	1
Surr: Dibromofluoromethane	97.7		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 10:20	1
Surr: Toluene-d8	102		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 10:20	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 10:20	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 15:56	1
Surr: 4-Bromofluorobenzene	98.3		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 15:56	1

FLDEP Qualifiers:

- V Indicates that the analyte was detected in both the sample and the method blank
- U Indicates that the compound was analyzed for but not detected
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- J Estimated value
- Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:

- S Spike recovery outside limits due to matrix
- R RPD outside limits due to matrix
- > Greater than result value
- < Less than result value

Analytical Environmental Services, Inc **Date:** 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-6
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 10:45:00 AM
Lab ID:	**2009341-002**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
Benzene	0.39	U	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
Surr: 4-Bromofluorobenzene	98.2		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 10:40	1
Surr: Dibromofluoromethane	97.4		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 10:40	1
Surr: Toluene-d8	103		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 10:40	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 10:40	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 16:24	1
Surr: 4-Bromofluorobenzene	106		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 16:24	1

FLDEP Qualifiers:
V Indicates that the analyte was detected in both the sample and the method blank
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I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J Estimated value
Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:
S Spike recovery outside limits due to matrix
> Greater than result value
R RPD outside limits due to matrix
< Less than result value

Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-20D
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 11:15:00 AM
Lab ID:	**2009341-003**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
Benzene	0.39	U	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
Methyl tert-butyl ether	11		1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
Surr: 4-Bromofluorobenzene	98.6		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 11:01	1
Surr: Dibromofluoromethane	102		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 11:01	1
Surr: Toluene-d8	101		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 11:01	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 11:01	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 16:53	1
Surr: 4-Bromofluorobenzene	101		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 16:53	1

FLDEP Qualifiers:

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Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:

S Spike recovery outside limits due to matrix
> Greater than result value
R RPD outside limits due to matrix
< Less than result value

Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-17D
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 11:30:00 AM
Lab ID:	**2009341-004**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
Benzene	0.39	U	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
Surr: 4-Bromofluorobenzene	99.7		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 11:21	1
Surr: Dibromofluoromethane	105		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 11:21	1
Surr: Toluene-d8	101		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 11:21	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 11:21	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 17:22	1
Surr: 4-Bromofluorobenzene	100		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 17:22	1

FLDEP Qualifiers:

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Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:

S Spike recovery outside limits due to matrix
> Greater than result value
R RPD outside limits due to matrix
< Less than result value

Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-21D
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 11:45:00 AM
Lab ID:	**2009341-005**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
Benzene	0.47	I	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
Methyl tert-butyl ether	26		1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
Surr: 4-Bromofluorobenzene	97.8		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 11:41	1
Surr: Dibromofluoromethane	97.7		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 11:41	1
Surr: Toluene-d8	103		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 11:41	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 11:41	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 17:50	1
Surr: 4-Bromofluorobenzene	107		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 17:50	1

FLDEP Qualifiers:

- V Indicates that the analyte was detected in both the sample and the method blank
- U Indicates that the compound was analyzed for but not detected
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- J Estimated value
- Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:

- S Spike recovery outside limits due to matrix
- R RPD outside limits due to matrix
- > Greater than result value
- < Less than result value

Analytical Environmental Services, Inc **Date:** 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-22D
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 12:15:00 PM
Lab ID:	**2009341-006**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	77		1.0	0.42	ug/L	09/03/2020 17:14:0(	09/05/2020 02:26	1
Benzene	7200		50	19	ug/L	09/03/2020 17:14:0(	09/04/2020 15:27	50
Ethylbenzene	1000		10	3.8	ug/L	09/03/2020 17:14:0(	09/03/2020 21:58	10
m,p-Xylene	1500		10	6.0	ug/L	09/03/2020 17:14:0(	09/03/2020 21:58	10
Methyl tert-butyl ether	200		1.0	0.37	ug/L	09/03/2020 17:14:0(	09/05/2020 02:26	1
Naphthalene	390		50	6.7	ug/L	09/03/2020 17:14:0(	09/03/2020 21:58	10
o-Xylene	1500		10	1.8	ug/L	09/03/2020 17:14:0(	09/03/2020 21:58	10
Toluene	140		1.0	0.31	ug/L	09/03/2020 17:14:0(	09/05/2020 02:26	1
Surr: 4-Bromofluorobenzene	98.2		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 15:27	50
Surr: 4-Bromofluorobenzene	101		70-130	0	%REC	09/03/2020 17:14:0(	09/03/2020 21:58	10
Surr: 4-Bromofluorobenzene	103		70-130	0	%REC	09/03/2020 17:14:0(	09/05/2020 02:26	1
Surr: Dibromofluoromethane	101		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 15:27	50
Surr: Dibromofluoromethane	85.2		70-130	0	%REC	09/03/2020 17:14:0(	09/05/2020 02:26	1
Surr: Dibromofluoromethane	99.7		70-130	0	%REC	09/03/2020 17:14:0(	09/03/2020 21:58	10
Surr: Toluene-d8	104		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 15:27	50
Surr: Toluene-d8	96.1		70-130	0	%REC	09/03/2020 17:14:0(	09/03/2020 21:58	10
Surr: Toluene-d8	100		70-130	0	%REC	09/03/2020 17:14:0(	09/05/2020 02:26	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/05/2020 02:26	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/05/2020 02:26	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/05/2020 02:26	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/05/2020 02:26	1
tert-Amyl alcohol	12000		5000	1400	ug/L	09/03/2020 17:14:0(	09/04/2020 15:27	50
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/05/2020 02:26	1
tert-Butyl Alcohol	3000		1000	600	ug/L	09/03/2020 17:14:0(	09/03/2020 21:58	10
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/05/2020 02:26	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	8.11		1.00	0.403	ug/L	09/08/2020 10:38:08	09/10/2020 16:21	50
Surr: 4-Bromofluorobenzene	100		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 18:47	1

FLDEP Qualifiers:
- V Indicates that the analyte was detected in both the sample and the method blank
- J Estimated value
- U Indicates that the compound was analyzed for but not detected
- Q Sample held beyond the accepted holding time
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

AES Laboratory Qualifiers:
- S Spike recovery outside limits due to matrix
- R RPD outside limits due to matrix
- > Greater than result value
- < Less than result value

Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-20
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 12:15:00 PM
Lab ID:	**2009341-007**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	29		1.0	0.42	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
Benzene	2300		20	7.8	ug/L	09/03/2020 17:14:0(	09/04/2020 21:40	20
Ethylbenzene	570		10	3.8	ug/L	09/03/2020 17:14:0(	09/03/2020 22:19	10
m,p-Xylene	1200		10	6.0	ug/L	09/03/2020 17:14:0(	09/03/2020 22:19	10
Methyl tert-butyl ether	130		1.0	0.37	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
Naphthalene	220		50	6.7	ug/L	09/03/2020 17:14:0(	09/03/2020 22:19	10
o-Xylene	500		10	1.8	ug/L	09/03/2020 17:14:0(	09/03/2020 22:19	10
Toluene	9.4		1.0	0.31	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
Surr: 4-Bromofluorobenzene	99.7		70-130	0	%REC	09/03/2020 17:14:0(	09/03/2020 22:19	10
Surr: 4-Bromofluorobenzene	101		70-130	0	%REC	09/03/2020 17:14:0(	09/05/2020 01:45	1
Surr: 4-Bromofluorobenzene	99.3		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 21:40	20
Surr: Dibromofluoromethane	96.8		70-130	0	%REC	09/03/2020 17:14:0(	09/05/2020 01:45	1
Surr: Dibromofluoromethane	98		70-130	0	%REC	09/03/2020 17:14:0(	09/03/2020 22:19	10
Surr: Dibromofluoromethane	94.1		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 21:40	20
Surr: Toluene-d8	105		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 21:40	20
Surr: Toluene-d8	104		70-130	0	%REC	09/03/2020 17:14:0(	09/03/2020 22:19	10
Surr: Toluene-d8	105		70-130	0	%REC	09/03/2020 17:14:0(	09/05/2020 01:45	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
tert-Amyl alcohol	2300		100	27	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
tert-Butyl Alcohol	570		100	60	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/05/2020 01:45	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.762		0.139	0.056	ug/L	09/08/2020 10:38:08	09/10/2020 16:49	7
Surr: 4-Bromofluorobenzene	104		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 19:15	1

FLDEP Qualifiers:

- V Indicates that the analyte was detected in both the sample and the method blank
- J Estimated value
- U Indicates that the compound was analyzed for but not detected
- Q Sample held beyond the accepted holding time
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

AES Laboratory Qualifiers:

- S Spike recovery outside limits due to matrix
- R RPD outside limits due to matrix
- > Greater than result value
- < Less than result value

Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-22
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 12:50:00 PM
Lab ID:	**2009341-008**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	75		1.0	0.42	ug/L	09/03/2020 17:14:0(	09/09/2020 20:40	1
Benzene	2800		50	19	ug/L	09/03/2020 17:14:0(	09/09/2020 23:43	50
Ethylbenzene	410		10	3.8	ug/L	09/03/2020 17:14:0(	09/09/2020 20:19	10
m,p-Xylene	13		1.0	0.60	ug/L	09/03/2020 17:14:0(	09/09/2020 20:40	1
Methyl tert-butyl ether	490		10	3.7	ug/L	09/03/2020 17:14:0(	09/09/2020 20:19	10
Naphthalene	190		50	6.7	ug/L	09/03/2020 17:14:0(	09/09/2020 20:19	10
o-Xylene	380		10	1.8	ug/L	09/03/2020 17:14:0(	09/09/2020 20:19	10
Toluene	37		1.0	0.31	ug/L	09/03/2020 17:14:0(	09/09/2020 20:40	1
Surr: 4-Bromofluorobenzene	104		70-130	0	%REC	09/03/2020 17:14:0(	09/09/2020 23:43	50
Surr: 4-Bromofluorobenzene	101		70-130	0	%REC	09/03/2020 17:14:0(	09/09/2020 20:40	1
Surr: 4-Bromofluorobenzene	101		70-130	0	%REC	09/03/2020 17:14:0(	09/09/2020 20:19	10
Surr: Dibromofluoromethane	101		70-130	0	%REC	09/03/2020 17:14:0(	09/09/2020 23:43	50
Surr: Dibromofluoromethane	93.8		70-130	0	%REC	09/03/2020 17:14:0(	09/09/2020 20:40	1
Surr: Dibromofluoromethane	101		70-130	0	%REC	09/03/2020 17:14:0(	09/09/2020 20:19	10
Surr: Toluene-d8	103		70-130	0	%REC	09/03/2020 17:14:0(	09/09/2020 23:43	50
Surr: Toluene-d8	105		70-130	0	%REC	09/03/2020 17:14:0(	09/09/2020 20:40	1
Surr: Toluene-d8	104		70-130	0	%REC	09/03/2020 17:14:0(	09/09/2020 20:19	10
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/09/2020 20:40	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/09/2020 20:40	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/09/2020 20:40	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/09/2020 20:40	1
tert-Amyl alcohol	8000		1000	270	ug/L	09/03/2020 17:14:0(	09/09/2020 20:19	10
tert-Amyl methyl ether	12		10	4.5	ug/L	09/03/2020 17:14:0(	09/09/2020 20:40	1
tert-Butyl Alcohol	6200		1000	600	ug/L	09/03/2020 17:14:0(	09/09/2020 20:19	10
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/09/2020 20:40	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.199		0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 19:44	1
Surr: 4-Bromofluorobenzene	111		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 19:44	1

FLDEP Qualifiers:
- V Indicates that the analyte was detected in both the sample and the method blank
- J Estimated value
- U Indicates that the compound was analyzed for but not detected
- Q Sample held beyond the accepted holding time
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

AES Laboratory Qualifiers:
- S Spike recovery outside limits due to matrix
- R RPD outside limits due to matrix
- > Greater than result value
- < Less than result value

Analytical Environmental Services, Inc **Date:** 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-15
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 1:10:00 PM
Lab ID:	**2009341-009**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
Benzene	0.39	U	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
Surr: 4-Bromofluorobenzene	100		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 12:02	1
Surr: Dibromofluoromethane	104		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 12:02	1
Surr: Toluene-d8	103		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 12:02	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 12:02	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 20:12	1
Surr: 4-Bromofluorobenzene	100		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 20:12	1

FLDEP Qualifiers:
V Indicates that the analyte was detected in both the sample and the method blank
U Indicates that the compound was analyzed for but not detected
I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J Estimated value
Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:
S Spike recovery outside limits due to matrix
> Greater than result value
R RPD outside limits due to matrix
< Less than result value

Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-16
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 1:25:00 PM
Lab ID:	**2009341-010**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
Benzene	0.39	U	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
Surr: 4-Bromofluorobenzene	97.7		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 12:22	1
Surr: Dibromofluoromethane	98.5		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 12:22	1
Surr: Toluene-d8	103		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 12:22	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 12:22	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 21:10	1
Surr: 4-Bromofluorobenzene	98.5		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 21:10	1

FLDEP Qualifiers:

- V Indicates that the analyte was detected in both the sample and the method blank
- U Indicates that the compound was analyzed for but not detected
- I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
- J Estimated value
- Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:

- S Spike recovery outside limits due to matrix
- R RPD outside limits due to matrix
- > Greater than result value
- < Less than result value

Analytical Environmental Services, Inc **Date:** 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-15D
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 1:55:00 PM
Lab ID:	**2009341-011**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
Benzene	0.39	U	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
Surr: 4-Bromofluorobenzene	98.1		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 12:43	1
Surr: Dibromofluoromethane	103		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 12:43	1
Surr: Toluene-d8	101		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 12:43	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 12:43	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 21:39	1
Surr: 4-Bromofluorobenzene	101		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 21:39	1

FLDEP Qualifiers:
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U Indicates that the compound was analyzed for but not detected
I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J Estimated value
Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:
S Spike recovery outside limits due to matrix
> Greater than result value
R RPD outside limits due to matrix
< Less than result value

Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-16D
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 2:00:00 PM
Lab ID:	**2009341-012**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	2.2		1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
Benzene	1.4		1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
Ethylbenzene	1.5		1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
m,p-Xylene	1.2		1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
Surr: 4-Bromofluorobenzene	99.9		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 13:03	1
Surr: Dibromofluoromethane	104		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 13:03	1
Surr: Toluene-d8	103		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 13:03	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
Isopropyl ether	10		10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
tert-Amyl alcohol	190		100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 13:03	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 22:08	1
Surr: 4-Bromofluorobenzene	102		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 22:08	1

FLDEP Qualifiers:

V Indicates that the analyte was detected in both the sample and the method blank
U Indicates that the compound was analyzed for but not detected
I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J Estimated value
Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:

S Spike recovery outside limits due to matrix
> Greater than result value
R RPD outside limits due to matrix
< Less than result value

Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-8
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 2:30:00 PM
Lab ID:	**2009341-013**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
Benzene	780		10	3.9	ug/L	09/03/2020 17:14:0(	09/04/2020 00:22	10
Ethylbenzene	720		10	3.8	ug/L	09/03/2020 17:14:0(	09/04/2020 00:22	10
m,p-Xylene	380		10	6.0	ug/L	09/03/2020 17:14:0(	09/04/2020 00:22	10
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
Naphthalene	240		50	6.7	ug/L	09/03/2020 17:14:0(	09/04/2020 00:22	10
o-Xylene	86		10	1.8	ug/L	09/03/2020 17:14:0(	09/04/2020 00:22	10
Toluene	2.7		1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
Surr: 4-Bromofluorobenzene	101		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 00:22	10
Surr: 4-Bromofluorobenzene	107		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 22:21	1
Surr: Dibromofluoromethane	94.3		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 22:21	1
Surr: Dibromofluoromethane	103		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 00:22	10
Surr: Toluene-d8	104		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 00:22	10
Surr: Toluene-d8	109		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 22:21	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
Isopropyl ether	9.0	I	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
tert-Amyl alcohol	1600		100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 22:21	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 22:37	1
Surr: 4-Bromofluorobenzene	107		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 22:37	1

FLDEP Qualifiers:

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- J Estimated value
- Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:

- S Spike recovery outside limits due to matrix
- R RPD outside limits due to matrix
- > Greater than result value
- < Less than result value

Analytical Environmental Services, Inc **Date:** 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-19D
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 2:35:00 PM
Lab ID:	**2009341-014**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
Benzene	0.39	U	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
Surr: 4-Bromofluorobenzene	97.8		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 13:24	1
Surr: Dibromofluoromethane	102		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 13:24	1
Surr: Toluene-d8	102		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 13:24	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 13:24	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/08/2020 23:35	1
Surr: 4-Bromofluorobenzene	108		73.6-140	0	%REC	09/08/2020 10:38:08	09/08/2020 23:35	1

FLDEP Qualifiers:
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U Indicates that the compound was analyzed for but not detected
I The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit
J Estimated value
Q Sample held beyond the accepted holding time

AES Laboratory Qualifiers:
S Spike recovery outside limits due to matrix
> Greater than result value
R RPD outside limits due to matrix
< Less than result value

Analytical Environmental Services, Inc

Date: 14-Sep-20

Client:	Terracon	**Client Sample ID:**	18871/MW-8D
Project Name:	SCDOT, Eddies Pit Stop	**Collection Date:**	8/31/2020 3:00:00 PM
Lab ID:	**2009341-015**	**Matrix:**	Groundwater

Analyses	Result	Qual	Reporting Limit	MDL	Units	Prepared	Date Analyzed	DF
Volatile Organic Compounds by GC/MS SW8260D					(SW5030B)			
1,2-Dichloroethane	0.42	U	1.0	0.42	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
Benzene	0.39	U	1.0	0.39	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
Ethylbenzene	0.38	U	1.0	0.38	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
m,p-Xylene	0.60	U	1.0	0.60	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
Methyl tert-butyl ether	0.37	U	1.0	0.37	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
Naphthalene	0.67	U	5.0	0.67	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
o-Xylene	0.18	U	1.0	0.18	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
Toluene	0.31	U	1.0	0.31	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
Surr: 4-Bromofluorobenzene	98.8		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 18:54	1
Surr: Dibromofluoromethane	99.9		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 18:54	1
Surr: Toluene-d8	102		70-130	0	%REC	09/03/2020 17:14:0(	09/04/2020 18:54	1
Oxygenates SW8260D					(SW5030B)			
3,3-Dimethyl-1-butanol	23	U	100	23	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
Ethanol	49	U	100	49	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
Ethyl tert-butyl ether	4.4	U	100	4.4	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
Isopropyl ether	3.5	U	10	3.5	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
tert-Amyl alcohol	27	U	100	27	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
tert-Amyl methyl ether	4.5	U	10	4.5	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
tert-Butyl Alcohol	60	U	100	60	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
tert-Butyl formate	44	U	100	44	ug/L	09/03/2020 17:14:0(	09/04/2020 18:54	1
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)			
1,2-Dibromoethane	0.008	U	0.020	0.008	ug/L	09/08/2020 10:38:08	09/09/2020 00:04	1
Surr: 4-Bromofluorobenzene	103		73.6-140	0	%REC	09/08/2020 10:38:08	09/09/2020 00:04	1

FLDEP Qualifiers:

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