

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2211603

ANALYTICAL QC SUMMARY REPORT

BatchID: 346085

Sample ID: MB-346085	Client ID:	Units: ug/L	Prep Date: 11/07/2022	Run No: 500852							
SampleType: MBLK	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346085	Analysis Date: 11/07/2022	Seq No: 11727169							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	49.16	0	50.00		98.3	75	118				
Surr: Dibromofluoromethane	53.38	0	50.00		107	82.5	121				
Surr: Toluene-d8	47.83	0	50.00		95.7	78.3	118				

Sample ID: LCS-346085	Client ID:	Units: ug/L	Prep Date: 11/07/2022	Run No: 500852							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346085	Analysis Date: 11/08/2022	Seq No: 11729897							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	45.59	1.0	50.00		91.2	70	130				
3,3-Dimethyl-1-butanol	408.4	100	500.0		81.7	70	130				
Benzene	49.00	1.0	50.00		98.0	80.4	126				
Ethanol	402.2	100	500.0		80.4	70	130				
Ethyl tert-butyl ether	101.5	10	100.0		101	70	130				

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

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ANALYTICAL QC SUMMARY REPORT

BatchID: 346085

Sample ID: LCS-346085	Client ID:	Units: ug/L	Prep Date: 11/07/2022	Run No: 500852							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346085	Analysis Date: 11/08/2022	Seq No: 11729897							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	49.07	1.0	50.00		98.1	82.7	125				
Isopropyl ether	100.4	10	100.0		100	70	130				
Methyl tert-butyl ether	50.31	1.0	50.00		101	70.8	129				
Naphthalene	47.22	5.0	50.00		94.4	70	130				
tert-Amyl alcohol	417.0	100	500.0		83.4	70	130				
tert-Amyl methyl ether	101.7	10	100.0		102	70	130				
tert-Butyl Alcohol	460.0	100	500.0		92.0	70	130				
tert-Butyl formate	445.9	100	500.0		89.2	70	130				
Toluene	46.38	1.0	50.00		92.8	79.2	124				
Xylenes, Total	151.4	1.0	150.0		101	81.1	126				
Surr: 4-Bromofluorobenzene	48.68	0	50.00		97.4	75	118				
Surr: Dibromofluoromethane	51.10	0	50.00		102	82.5	121				
Surr: Toluene-d8	47.85	0	50.00		95.7	78.3	118				

Sample ID: 2211603-008AMS	Client ID: #04785 MW-13	Units: ug/L	Prep Date: 11/07/2022	Run No: 500852							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346085	Analysis Date: 11/09/2022	Seq No: 11733876							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	10570	200	10000		106	72.1	135				
3,3-Dimethyl-1-butanol	91330	20000	100000		91.3	60.1	130				
Benzene	22480	200	10000	9448	130	70.5	136				
Ethanol	77720	20000	100000		77.7	61.9	140				
Ethyl tert-butyl ether	21910	2000	20000		110	71.2	122				
Ethylbenzene	13560	200	10000	1908	117	70	134				
Isopropyl ether	24380	2000	20000	1880	113	71	133				
Methyl tert-butyl ether	10870	200	10000	142.0	107	65.7	136				
Naphthalene	10770	1000	10000	1164	96.0	58.6	135				
tert-Amyl alcohol	89470	20000	100000		89.5	69.7	140				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
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ANALYTICAL QC SUMMARY REPORT

BatchID: 346085

Sample ID: 2211603-008AMS	Client ID: #04785 MW-13	Units: ug/L	Prep Date: 11/07/2022	Run No: 500852							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346085	Analysis Date: 11/09/2022	Seq No: 11733876							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	21830	2000	20000		109	70.1	126				
tert-Butyl Alcohol	95380	20000	100000		95.4	67	140				
tert-Butyl formate	98750	20000	100000		98.7	60	134				
Toluene	35480	200	10000	20550	149	66.4	140				S
Xylenes, Total	47210	200	30000	10580	122	65.4	138				
Surr: 4-Bromofluorobenzene	9632	0	10000		96.3	75	118				
Surr: Dibromofluoromethane	10390	0	10000		104	82.5	121				
Surr: Toluene-d8	9748	0	10000		97.5	78.3	118				

Sample ID: 2211603-008AMSD	Client ID: #04785 MW-13	Units: ug/L	Prep Date: 11/07/2022	Run No: 500852							
SampleType: MSD	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346085	Analysis Date: 11/09/2022	Seq No: 11733877							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	10300	200	10000		103	72.1	135	10570	2.55	20	
3,3-Dimethyl-1-butanol	89740	20000	100000		89.7	60.1	130	91330	1.76	25.3	
Benzene	21680	200	10000	9448	122	70.5	136	22480	3.60	20	
Ethanol	80300	20000	100000		80.3	61.9	140	77720	3.26	29	
Ethyl tert-butyl ether	21790	2000	20000		109	71.2	122	21910	0.549	20	
Ethylbenzene	13100	200	10000	1908	112	70	134	13560	3.44	20	
Isopropyl ether	24090	2000	20000	1880	111	71	133	24380	1.21	20	
Methyl tert-butyl ether	10970	200	10000	142.0	108	65.7	136	10870	0.952	17.3	
Naphthalene	10620	1000	10000	1164	94.6	58.6	135	10770	1.35	22.7	
tert-Amyl alcohol	88870	20000	100000		88.9	69.7	140	89470	0.666	26.8	
tert-Amyl methyl ether	22020	2000	20000		110	70.1	126	21830	0.903	20	
tert-Butyl Alcohol	93390	20000	100000		93.4	67	140	95380	2.11	29.4	
tert-Butyl formate	98230	20000	100000		98.2	60	134	98750	0.520	18	
Toluene	34180	200	10000	20550	136	66.4	140	35480	3.74	20	
Xylenes, Total	45380	200	30000	10580	116	65.4	138	47210	3.94	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

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ANALYTICAL QC SUMMARY REPORT

BatchID: 346085

Sample ID: 2211603-008AMSD	Client ID: #04785 MW-13	Units: ug/L	Prep Date: 11/07/2022	Run No: 500852
SampleType: MSD	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346085	Analysis Date: 11/09/2022	Seq No: 11733877

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	9614	0	10000		96.1	75	118	9632	0	0	
Surr: Dibromofluoromethane	10290	0	10000		103	82.5	121	10390	0	0	
Surr: Toluene-d8	9714	0	10000		97.1	78.3	118	9748	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2211603

ANALYTICAL QC SUMMARY REPORT

BatchID: 346220

Sample ID: MB-346220	Client ID:	Units: ug/L	Prep Date: 11/09/2022	Run No: 501113							
SampleType: MBLK	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346220	Analysis Date: 11/09/2022	Seq No: 11733853							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	50.25	0	50.00		100	75	118				
Surr: Dibromofluoromethane	55.43	0	50.00		111	82.5	121				
Surr: Toluene-d8	47.27	0	50.00		94.5	78.3	118				

Sample ID: LCS-346220	Client ID:	Units: ug/L	Prep Date: 11/09/2022	Run No: 501113							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346220	Analysis Date: 11/09/2022	Seq No: 11733854							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	51.26	1.0	50.00		103	70	130				
3,3-Dimethyl-1-butanol	469.2	100	500.0		93.8	70	130				
Benzene	54.84	1.0	50.00		110	80.4	126				
Ethanol	433.1	100	500.0		86.6	70	130				
Ethyl tert-butyl ether	110.7	10	100.0		111	70	130				

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
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ANALYTICAL QC SUMMARY REPORT

BatchID: 346220

Sample ID: LCS-346220	Client ID:	Units: ug/L	Prep Date: 11/09/2022	Run No: 501113							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346220	Analysis Date: 11/09/2022	Seq No: 11733854							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	53.39	1.0	50.00		107	82.7	125				
Isopropyl ether	107.0	10	100.0		107	70	130				
Methyl tert-butyl ether	55.80	1.0	50.00		112	70.8	129				
Naphthalene	53.74	5.0	50.00		107	70	130				
tert-Amyl alcohol	466.9	100	500.0		93.4	70	130				
tert-Amyl methyl ether	111.6	10	100.0		112	70	130				
tert-Butyl Alcohol	485.2	100	500.0		97.0	70	130				
tert-Butyl formate	488.6	100	500.0		97.7	70	130				
Toluene	51.52	1.0	50.00		103	79.2	124				
Xylenes, Total	164.6	1.0	150.0		110	81.1	126				
Surr: 4-Bromofluorobenzene	48.80	0	50.00		97.6	75	118				
Surr: Dibromofluoromethane	52.27	0	50.00		105	82.5	121				
Surr: Toluene-d8	48.00	0	50.00		96.0	78.3	118				

Sample ID: 2211353-011AMS	Client ID:	Units: ug/L	Prep Date: 11/09/2022	Run No: 501113							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346220	Analysis Date: 11/11/2022	Seq No: 11736640							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	38.02	1.0	50.00		76.0	72.1	135				
3,3-Dimethyl-1-butanol	346.3	100	500.0		69.3	60.1	130				
Benzene	42.12	1.0	50.00		84.2	70.5	136				
Ethanol	421.2	100	500.0		84.2	61.9	140				
Ethyl tert-butyl ether	91.01	10	100.0		91.0	71.2	122				
Ethylbenzene	41.07	1.0	50.00		82.1	70	134				
Isopropyl ether	85.24	10	100.0		85.2	71	133				
Methyl tert-butyl ether	45.99	1.0	50.00		92.0	65.7	136				
Naphthalene	45.52	5.0	50.00		91.0	58.6	135				
tert-Amyl alcohol	367.4	100	500.0		73.5	69.7	140				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2211603

ANALYTICAL QC SUMMARY REPORT

BatchID: 346220

Sample ID: 2211353-011AMS	Client ID:	Units: ug/L	Prep Date: 11/09/2022	Run No: 501113							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346220	Analysis Date: 11/11/2022	Seq No: 11736640							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	90.39	10	100.0		90.4	70.1	126				
tert-Butyl Alcohol	610.3	100	500.0		122	67	140				
tert-Butyl formate	BRL	100	500.0		0	60	134				S
Toluene	40.98	1.0	50.00		82.0	66.4	140				
Xylenes, Total	123.4	1.0	150.0		82.3	65.4	138				
Surr: 4-Bromofluorobenzene	47.80	0	50.00		95.6	75	118				
Surr: Dibromofluoromethane	53.38	0	50.00		107	82.5	121				
Surr: Toluene-d8	50.31	0	50.00		101	78.3	118				

Sample ID: 2211353-011ADUP	Client ID:	Units: ug/L	Prep Date: 11/09/2022	Run No: 501113							
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346220	Analysis Date: 11/10/2022	Seq No: 11736633							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0						0	0	30	
3,3-Dimethyl-1-butanol	BRL	100						0	0	30	
Benzene	BRL	1.0						0	0	30	
Ethanol	BRL	100						0	0	30	
Ethyl tert-butyl ether	BRL	10						0	0	30	
Ethylbenzene	BRL	1.0						0	0	30	
Isopropyl ether	BRL	10						0	0	30	
Methyl tert-butyl ether	BRL	1.0						0	0	30	
Naphthalene	BRL	5.0						0	0	30	
tert-Amyl alcohol	BRL	100						0	0	30	
tert-Amyl methyl ether	BRL	10						0	0	30	
tert-Butyl Alcohol	BRL	100						0	0	30	
tert-Butyl formate	BRL	100						0	0	30	
Toluene	BRL	1.0						0	0	30	
Xylenes, Total	BRL	1.0						0	0	30	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
 Project Name: Quick Pantry # 19
 Workorder: 2211603

ANALYTICAL QC SUMMARY REPORT

BatchID: 346220

Sample ID: 2211353-011ADUP	Client ID:	Units: ug/L	Prep Date: 11/09/2022	Run No: 501113
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 346220	Analysis Date: 11/10/2022	Seq No: 11736633

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	45.50	0				75	118	49.32	0	30	
Surr: Dibromofluoromethane	53.46	0				82.5	121	56.37	0	30	
Surr: Toluene-d8	49.68	0				78.3	118	47.77	0	30	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

End of Report

Water Quality Meter Calibration Sheet

Project: Quick Pantry 19

Personnel: Gary Long

Calibration Date: 11-2-22

Time: 1230

Meter Horiba U-52

Serial # W22MV13L

pH= 4.01 (100-4 Standard Solution)

Spec. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU(100-4 Standard Solution)

D.O. = 7.11 mg/L (Air)

Signature 

Water Quality Meter Calibration Sheet

Project: Quik Pantry 19

Personnel : Gary Long

Calibration Date : 11-3-22

Time : 930

Meter Horiba U-52

Serial # W22MV13L

pH= 4.01 (100-4 Standard Solution)

Spec. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU(100-4 Standard Solution)

D.O. = 7.11 mg/L (Air)

Signature Gary Long

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 1

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 28.5 ft.

Depth to GW (DWG) 22.16 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>22.16</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1540</u>
Water Temp (°F)								<u>71.3</u>
pH (s.u.)								<u>5.46</u>
Specific Cond. (mS/cm)								<u>3.61</u>
Turbidity (NTU)								<u>4.7</u>
Dissolved Oxygen (mg/L)								<u>1.68</u>
Salinity								<u>.2</u>
OVA								<u>1</u>

Sample Time: 1540

FP - 21.32 - 22.16

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 2

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time:

Dry

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 3

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~_____~~ Dry

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 4

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~06:00~~ Dry

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW- 5

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~1:30~~ Dry

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-6 Dup-1
 Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652
 Total Well Depth (TWD) 20 ft.
 Depth to GW (DWG) 18.02 ft.
 Length of Water Column (LWC=TWD-DGW) _____ ft.
 1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)
 Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>18.02</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1300</u>
Water Temp (°F)								<u>70.6</u>
pH (s.u.)								<u>5.81</u>
Specific Cond. (mS/cm)								<u>0.356</u>
Turbidity (NTU)								<u>3.4</u>
Dissolved Oxygen (mg/L)								<u>1.61</u>
Salinity								<u>0.2</u>
OVA								<u>-</u>

Sample Time: 1300 Dup-1-1305

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 7

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 18 ft.

Depth to GW (DWG) 15.14 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								15.14
Volume Purged (gallons)								0
Time (military)								1620
Water Temp (°F)								69.2
pH (s.u.)								5.88
Specific Cond. (mS/cm)								.327
Turbidity (NTU)								2.3
Dissolved Oxygen (mg/L)								1.65
Salinity								.2
OVA								

Sample Time: 1620

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 8

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~00:00~~ Dry

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 9

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 17.5 ft.

Depth to GW (DWG) 16.04 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>16.04</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1700</u>
Water Temp (°F)								<u>69.7</u>
pH (s.u.)								<u>5.68</u>
Specific Cond. (mS/cm)								<u>.381</u>
Turbidity (NTU)								<u>1.24</u>
Dissolved Oxygen (mg/L)								<u>1.61</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1700

FP - 15.23 - 16.04

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW-10

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 12 ft.

Depth to GW (DWG) 8.72 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>8.72</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>900</u>
Water Temp (°F)								<u>61.1</u>
pH (s.u.)								<u>6.06</u>
Specific Cond. (mS/cm)								<u>.429</u>
Turbidity (NTU)								<u>2.6</u>
Dissolved Oxygen (mg/L)								<u>1.62</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 900

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 11

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 14 ft.

Depth to GW (DWG) 11.02 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>11.02</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>940</u>
Water Temp (°F)								<u>61.8</u>
pH (s.u.)								<u>5.74</u>
Specific Cond. (mS/cm)								<u>.768</u>
Turbidity (NTU)								<u>2.2</u>
Dissolved Oxygen (mg/L)								<u>1.63</u>
Salinity								<u>.4</u>
OVA								<u>-</u>

Sample Time: 940

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11/2/22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-12

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 17 ft.
 Depth to GW (DWG) 14.94 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								14.94
Volume Purged (gallons)								0
Time (military)								1800
Water Temp (°F)								68.7
pH (s.u.)								5.91
Specific Cond. (mS/cm)								1.379
Turbidity (NTU)								1.2
Dissolved Oxygen (mg/L)								1.64
Salinity								.2
OVA								-

Sample Time: 1800

FP - 13.91 - 14.94

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW- 13

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 12.51 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								12.51
Volume Purged (gallons)								0
Time (military)								1720
Water Temp (°F)								70.3
pH (s.u.)								5.82
Specific Cond. (mS/cm)								.371
Turbidity (NTU)								1.9
Dissolved Oxygen (mg/L)								1.57
Salinity								.2
OVA								-

Sample Time: 1720

FP 12.44-12.51

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW- 14
 Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652
 Total Well Depth (TWD) 15 ft.
 Depth to GW (DWG) 12.85 ft.
 Length of Water Column (LWC=TWD-DGW) _____ ft.
 1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)
 Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>12.85</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1940</u>
Water Temp (°F)								<u>68.9</u>
pH (s.u.)								<u>5.84</u>
Specific Cond. (mS/cm)								<u>.361</u>
Turbidity (NTU)								<u>1.9</u>
Dissolved Oxygen (mg/L)								<u>1.62</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1940

FP- 12.41 - 12.85

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) <u>11 / 3 / 22</u> Field Personnel <u>G. Long and G. Robinson</u> General Weather Condition <u>p/cloudy</u> Ambient Air Temperature <u>73°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u> <p style="text-align: center;">Quality Assurance:</p> Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.	Well # <u>MW- 15</u> Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652 Total Well Depth (TWD) <u>15</u> ft. Depth to GW (DWG) <u>11.26</u> ft. Length of Water Column (LWC=TWD-DGW) _____ ft. 1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume) Total Volume of Water Purged Before Sampling _____ gals.
---	---

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>11.26</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1400</u>
Water Temp (°F)								<u>64.2</u>
pH (s.u.)								<u>6.13</u>
Specific Cond. (mS/cm)								<u>.667</u>
Turbidity (NTU)								<u>2.1</u>
Dissolved Oxygen (mg/L)								<u>1.59</u>
Salinity								<u>.3</u>
OVA								<u>-</u>

Sample Time: 1400

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 16

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 11.25 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>11.25</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1420</u>
Water Temp (°F)								<u>62.7</u>
pH (s.u.)								<u>6.06</u>
Specific Cond. (mS/cm)								<u>.518</u>
Turbidity (NTU)								<u>3.9</u>
Dissolved Oxygen (mg/L)								<u>1.54</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1420

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11/2/22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-17 Dup-2
 Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652
 Total Well Depth (TWD) 13 ft.
 Depth to GW (DWG) 7.33 ft.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								7.33
Volume Purged (gallons)								0
Time (military)								1840
Water Temp (°F)								69.9
pH (s.u.)								5.51
Specific Cond. (mS/cm)								1397
Turbidity (NTU)								2.6
Dissolved Oxygen (mg/L)								1.57
Salinity								.2
OVA								-

Sample Time: 1840 Dup-2 - 1845

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11/2/22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW-18

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 14 ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: 1900

FP- 8.66 - 13.47

Not Enough water to sample

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW- 19

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 15 ft.
 Depth to GW (DWG) 12.73 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								12.73
Volume Purged (gallons)								0
Time (military)								1040
Water Temp (°F)								61.8
pH (s.u.)								6.00
Specific Cond. (mS/cm)								.589
Turbidity (NTU)								4.1
Dissolved Oxygen (mg/L)								1.52
Salinity								.3
OVA								-

Sample Time: 1040

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11/3/22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 20

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 13 ft.

Depth to GW (DWG) 8.66 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								8.66
Volume Purged (gallons)								0
Time (military)								1300
Water Temp (°F)								62.1
pH (s.u.)								5.77
Specific Cond. (mS/cm)								.372
Turbidity (NTU)								1.8
Dissolved Oxygen (mg/L)								1.64
Salinity								.2
OVA								-

Sample Time: 1300

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW- 21

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 10.53 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>10.53</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1440</u>
Water Temp (°F)								<u>63.9</u>
pH (s.u.)								<u>6.05</u>
Specific Cond. (mS/cm)								<u>.483</u>
Turbidity (NTU)								<u>2.7</u>
Dissolved Oxygen (mg/L)								<u>1.55</u>
Salinity								<u>1.2</u>
OVA								<u>-</u>

Sample Time: 1440

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW- 22

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 12.07 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>12.07</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1140</u>
Water Temp (°F)								<u>62.6</u>
pH (s.u.)								<u>5.04</u>
Specific Cond. (mS/cm)								<u>1.468</u>
Turbidity (NTU)								<u>3.8</u>
Dissolved Oxygen (mg/L)								<u>1.59</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1140

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW- 23

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 13.93 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>13.93</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1220</u>
Water Temp (°F)								<u>63.2</u>
pH (s.u.)								<u>6.17</u>
Specific Cond. (mS/cm)								<u>.381</u>
Turbidity (NTU)								<u>6.6</u>
Dissolved Oxygen (mg/L)								<u>1.57</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1220

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW- 24

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 14.27 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>14.27</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1200</u>
Water Temp (°F)								<u>62.9</u>
pH (s.u.)								<u>5.98</u>
Specific Cond. (mS/cm)								<u>.394</u>
Turbidity (NTU)								<u>2.6</u>
Dissolved Oxygen (mg/L)								<u>1.71</u>
Salinity								<u>.2</u>
OVA								<u>-</u>

Sample Time: 1200

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11/3/22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-25
 Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652
 Total Well Depth (TWD) 16 ft.
 Depth to GW (DWG) 12.30 ft.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>12.30</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1000</u>
Water Temp (°F)								<u>61.2</u>
pH (s.u.)								<u>5.90</u>
Specific Cond. (mS/cm)								<u>.613</u>
Turbidity (NTU)								<u>8.2</u>
Dissolved Oxygen (mg/L)								<u>1.56</u>
Salinity								<u>.3</u>
OVA								<u>-</u>

Sample Time: 1000

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) <u>11/2/22</u> Field Personnel <u>G. Long and G. Robinson</u> General Weather Condition <u>p/cloudy</u> Ambient Air Temperature <u>73°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u> <p style="text-align: center;">Quality Assurance:</p> Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.	Well # <u>047 RW-1</u> Well Diameter(D) <u>4</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652 Total Well Depth (TWD) <u>20</u> ft. Depth to GW (DWG) _____ ft. Length of Water Column (LWC=TWD-DGW) _____ ft. 1 Csg. Volume (LWC*C)= _____ x <u>0.652</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume) Total Volume of Water Purged Before Sampling _____ gals.
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~08:00~~ Dry

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~022~~ AW-2

Well Diameter(D) 24 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time:

Dry

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~GW~~ RW-3

Well Diameter(D) 24 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~0600~~ Dry

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~001~~ DW-1

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 45 ft.

Depth to GW (DWG) 22.99 ft.

Length of Water Column (LWC=TWD-DGW) 22.01 ft.

1 Csg. Volume (LWC*C)= 22.01 x .163 = 3.5 gals.

3 Csg. Volumes = 3 x 3.5 = 10.5 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 10.5 gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>22.99</u>	<u>43.16</u>	<u>43.22</u>	<u>43.53</u>				
Volume Purged (gallons)	<u>0</u>	<u>3.5</u>	<u>7</u>	<u>10.5</u>				
Time (military)	<u>1405</u>	<u>1410</u>	<u>1415</u>	<u>1420</u>				
Water Temp (°F)	<u>71.1</u>	<u>70.1</u>	<u>69.7</u>	<u>69.4</u>				
pH (s.u.)	<u>5.97</u>	<u>5.84</u>	<u>5.76</u>	<u>5.72</u>				
Specific Cond. (mS/cm)	<u>.345</u>	<u>.361</u>	<u>.366</u>	<u>.370</u>				
Turbidity (NTU)	<u>1.8</u>	<u>1.86</u>	<u>2.3</u>	<u>2.9</u>				
Dissolved Oxygen (mg/L)	<u>1.72</u>	<u>1.67</u>	<u>1.61</u>	<u>1.64</u>				
Salinity	<u>.2</u>	<u>.2</u>	<u>.2</u>	<u>.2</u>				
OVA	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>				

Sample Time: 1420

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11/2/22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # ~~GW~~ DW-2

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 40 ft.

Depth to GW (DWG) 13.28 ft.

Length of Water Column (LWC=TWD-DWG) 26.72 ft.

1 Csg. Volume (LWC*C)= 26.72 x .163 = 4.3 gals.

3 Csg. Volumes = 3 x 4.3 = 13 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 13 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>13.28</u>	<u>37.33</u>	<u>37.41</u>	<u>37.48</u>				
Volume Purged (gallons)	<u>0</u>	<u>4.5</u>	<u>9</u>	<u>13</u>				
Time (military)	<u>1805</u>	<u>1810</u>	<u>1815</u>	<u>1820</u>				
Water Temp (°F)	<u>68.5</u>	<u>67.4</u>	<u>66.9</u>	<u>66.6</u>				
pH (s.u.)	<u>6.00</u>	<u>5.79</u>	<u>5.71</u>	<u>5.67</u>				
Specific Cond. (mS/cm)	<u>.305</u>	<u>.314</u>	<u>.322</u>	<u>.328</u>				
Turbidity (NTU)	<u>1.6</u>	<u>47.1</u>	<u>8.2</u>	<u>3.3</u>				
Dissolved Oxygen (mg/L)	<u>1.68</u>	<u>1.62</u>	<u>1.56</u>	<u>1.53</u>				
Salinity	<u>.1</u>	<u>.1</u>	<u>.2</u>	<u>.2</u>				
OVA	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>				

Sample Time: 1820

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11/2/22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:
 Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~AWD~~ DW-3

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 40 ft.
 Depth to GW (DWG) 12.40 ft.

Length of Water Column (LWC=TWD-DGW) 27.6 ft.

1 Csg. Volume (LWC*C)= 27.60 x .163 = 4.4 gals.
 3 Csg. Volumes = 3 x 4.4 = 13.4 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 13.5 gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>12.40</u>	<u>36.91</u>	<u>37.10</u>	<u>37.26</u>				
Volume Purged (gallons)	<u>0</u>	<u>4.5</u>	<u>9</u>	<u>13.5</u>				
Time (military)	<u>1725</u>	<u>1730</u>	<u>1735</u>	<u>1740</u>				
Water Temp (°F)	<u>70.5</u>	<u>69.9</u>	<u>68.2</u>	<u>67.8</u>				
pH (s.u.)	<u>6.16</u>	<u>6.23</u>	<u>6.31</u>	<u>6.36</u>				
Specific Cond. (mS/cm)	<u>.252</u>	<u>.242</u>	<u>.236</u>	<u>.234</u>				
Turbidity (NTU)	<u>2.4</u>	<u>77.6</u>	<u>8.8</u>	<u>3.8</u>				
Dissolved Oxygen (mg/L)	<u>1.71</u>	<u>1.66</u>	<u>1.60</u>	<u>1.62</u>				
Salinity	<u>.1</u>	<u>.1</u>	<u>.1</u>	<u>.1</u>				
OVA	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>				

Sample Time: 1740

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 2 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # ~~011~~ DW-4

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 25 ft.

Depth to GW (DWG) 13.02 ft.

Length of Water Column (LWC=TWD-DWG) 11.98 ft.

1 Csg. Volume (LWC*C)= 11.98 x .163 = 1.9 gals.

3 Csg. Volumes = 3 x 1.9 = 5.8 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 6 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>13.02</u>	<u>22.96</u>	<u>23.17</u>	<u>23.49</u>				
Volume Purged (gallons)	<u>0</u>	<u>2</u>	<u>4</u>	<u>6</u>				
Time (military)	<u>1905</u>	<u>1910</u>	<u>1915</u>	<u>1920</u>				
Water Temp (°F)	<u>68.9</u>	<u>67.7</u>	<u>67.2</u>	<u>66.7</u>				
pH (s.u.)	<u>6.06</u>	<u>5.82</u>	<u>5.76</u>	<u>5.72</u>				
Specific Cond. (mS/cm)	<u>1.300</u>	<u>1.292</u>	<u>1.288</u>	<u>1.282</u>				
Turbidity (NTU)	<u>1.3</u>	<u>71.7</u>	<u>8.6</u>	<u>5.5</u>				
Dissolved Oxygen (mg/L)	<u>1.72</u>	<u>1.65</u>	<u>1.61</u>	<u>1.66</u>				
Salinity	<u>.1</u>	<u>.1</u>	<u>.1</u>	<u>.1</u>				
OVA	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>				

Sample Time: 1920

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~020~~ - Sw-1

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time:

Dry

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~04785~~ SW-2

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time:

Dry

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11/3/22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # ~~011~~ 5W-3

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) _____ ft.
 Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time:

Dry

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~0111~~ SW-4

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time:

DIY

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~AWW~~ SW-5

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1320</u>
Water Temp (°F)								<u>58.6</u>
pH (s.u.)								<u>6.28</u>
Specific Cond. (mS/cm)								<u>1.254</u>
Turbidity (NTU)								<u>14.7</u>
Dissolved Oxygen (mg/L)								<u>1.58</u>
Salinity								<u>1</u>
OVA								<u>—</u>

Sample Time: 1320

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 11 / 3 / 22
 Field Personnel G. Long and G. Robinson
 General Weather Condition p/cloudy
 Ambient Air Temperature 73°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # ~~MD~~ SW-6

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								0
Time (military)								1340
Water Temp (°F)								60.9
pH (s.u.)								6.23
Specific Cond. (mS/cm)								.139
Turbidity (NTU)								2.9
Dissolved Oxygen (mg/L)								1.57
Salinity								<1
OVA								-

Sample Time: 1340

TABLE 1d
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-6	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	9/2/21	<10	<10	370	<100	<100	<100	<100	<100
MW-20	9/2/21	<10	30	<10	<100	480	<100	<100	<100
MW-21	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-1	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-3	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-4	9/2/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
SW-5	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	9/2/21	<10	<10	370	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	24000000	<50000
MW-2	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	300000	<50000
MW-3	05/04/22	<500	<500	710	<5000	26000	<5000	<5000	<5000
MW-4	05/04/22	<1000	<1000	6100	<10000	<10000	<10000	<10000	<10000
MW-5	05/04/22	<10	130	730	<100	5500	<100	<100	<100
MW-6	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	05/04/22	<500	<500	950	<5000	5700	<5000	<5000	<5000
MW-8	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	<50000	<50000
MW-9	05/04/22	<500	<500	700	<5000	5100	<5000	<5000	<5000
MW-10	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	05/04/22	<500	<500	3300	<5000	6100	<5000	<5000	<5000
MW-13	05/04/22	<10	10	98	<100	1400	<100	<100	<100
MW-14	05/05/22	<500	<500	<500	<5000	7000	<5000	<5000	<5000
MW-15	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	05/05/22	<10	62	800	<100	820	<100	<100	<100
MW-18	05/05/22	<500	<500	3600	<5000	<5000	<5000	<5000	<5000
MW-19	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	05/04/22	<10	23	310	<100	170	<100	<100	<100
MW-21	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	05/05/22	<10	<10	41	<100	<100	<100	<100	<100
RW-1	05/04/22	<1000	<1000	4700	<10000	26000	<10000	<10000	<10000
RW-2	05/04/22	<50000	<50000	75000	<500000	<500000	<500000	29000000	<500000
RW-3	05/04/22	<1000	<1000	3000	<10000	40000	<10000	<10000	<10000
DW-1	05/04/22	<10	<10	23	<100	<100	<100	<100	<100
DW-2	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	05/04/22	<10	<10	23	<100	<100	<100	<100	<100
SW-1	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	05/05/22	<10	28	350	<100	<100	<100	<100	<100
SW-3	05/05/22	<10	82	690	<100	780	<100	<100	<100
SW-4	05/05/22	<10	15	210	<100	360	<100	<100	<100
SW-5	05/05/22	<10	<10	25	<100	120	<100	<100	<100
SW-6	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	8/24/22	<1000	<1000	<1000	<10000	<10000	<10000	<10000	<10000
MW-6	8/24/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	8/24/22	<10	14	180	<100	390	<100	<100	<100
MW-8	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	8/23/22	<10	58	550	<100	1200	<100	<100	<100
MW-18	8/23/22	<1000	<1000	4900	<10000	<10000	<10000	<10000	<10000
MW-19	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	8/23/22	<10	87	670	<100	380	<100	<100	<100
MW-21	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	8/23/22	<10	<10	44	<100	<100	<100	<100	<100
RW-1	8/24/22	<1000	<1000	4100	<10000	31000	<10000	<10000	<10000
RW-2	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	8/23/22	<10	<10	46	<100	<100	<100	<100	<100
SW-1	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-3	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-4	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-5	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	11/2/22	<5000	<5000	9500	<50000	<50000	<50000	1600000	<50000
MW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-5	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-6	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	11/2/22	<10	28	310	<100	420	<100	<100	<100
MW-8	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-9	11/2/22	<100	<100	770	<1000	3600	<1000	290000	<1000
MW-10	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	11/2/22	<100	200	2200	<1000	5200	<1000	<1000	<1000
MW-13	11/2/22	<10	150	760	<100	1800	<100	<100	<100
MW-14	11/2/22	<100	<100	130	<1000	<1000	<1000	<1000	<1000
MW-15	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	11/2/22	<10	73	990	<100	1000	<100	<100	<100
MW-18	11/2/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	11/3/22	<10	90	1000	<100	860	<100	<100	<100
MW-21	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	11/3/22	<10	<10	44	<100	<100	<100	<100	<100
RW-1	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
DW-1	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	11/2/22	<10	<10	120	<100	<100	<100	<100	<100
SW-1	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-2	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-3	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-4	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-5	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100

APPENDIX C

Tax Map / Regional Geology

APPENDIX D

Field Screening Logs

APPENDIX E

Well Logs

APPENDIX F

Aquifer Calculations

**Appendix F
Historical Ground Water Levels
Quick Pantry # 19
Greenwood, SC**

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-1	8/25/21	623.56	X-28.5	17.06	17.75	0.69	FP
	9/1/21			17.35	18.02	0.67	FP
	10/12/21			18.10	19.29	1.19	FP
	5/4/22			15.29	15.40	0.11	FP
	7/25/22			--	18.38	--	605.18
	8/24/22			19.61	19.82	0.21	FP
	11/2/22			21.32	22.16	0.84	FP
MW-2	8/25/21	623.38	10-20	17.03	18.36	1.33	FP
	9/1/21			17.32	18.51	1.19	FP
	10/12/21			18.03	19.32	1.29	FP
	5/4/22			--	15.04	--	608.34
	7/25/22			--	18.55	--	604.83
	8/24/22			19.68	19.72	0.04	FP
	11/2/22			--	DRY	--	DRY
MW-3	8/25/21	625.10	10-20	18.31	18.35	0.04	FP
	9/1/21			18.51	18.56	0.05	FP
	10/12/21			19.42	19.47	0.05	FP
	5/4/22			--	16.12	--	608.98
	7/25/22			--	19.46	--	605.64
	8/24/22			--	DRY	--	DRY
	11/2/22			--	DRY	--	DRY
MW-4	8/25/21	623.30	10-20	16.98	18.98	2.0	FP
	9/1/21			17.18	19.19	2.01	FP
	10/12/21			18.16	19.49	1.33	FP
	5/4/22			--	15.22	--	608.08
	7/25/22			18.61	18.79	0.18	FP
	8/24/22			19.55	19.75	0.20	FP
	11/2/22			--	DRY	--	DRY
MW-5	8/25/21	622.12	10-20	15.27	17.73	2.46	FP
	9/1/21			15.38	17.92	2.54	FP
	10/12/21			16.48	18.27	1.79	FP
	5/4/22			13.67	13.82	0.15	FP
	7/25/22			--	17.08	--	605.04
	8/24/22			--	18.26	--	603.86
	11/2/22			--	DRY	--	DRY
MW-6	8/25/21	622.84	10-20	--	14.35	--	608.49
	9/1/21			--	14.49	--	608.35
	10/12/21			--	14.83	--	608.01
	5/4/22			--	13.21	--	609.63
	7/25/22			--	15.04	--	607.80
	8/24/22			--	15.98	--	606.86
	11/2/22			--	18.02	--	604.82
MW-7	8/25/21	614.92	8-18	11.45	11.92	0.47	FP
	9/1/21			11.59	11.87	0.28	FP
	10/12/21			12.23	12.25	0.02	FP
	5/4/22			--	8.98	--	605.94
	7/25/22			--	12.42	--	602.50
	8/24/22			--	13.47	--	601.45
	11/2/22			--	15.14	--	599.78

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-8	8/25/21	615.10	5-15	10.45	13.53	3.08	FP
	9/1/21			10.63	13.89	3.26	FP
	10/12/21			11.70	13.36	1.66	FP
	5/4/22			8.20	10.24	2.04	FP
	7/25/22			12.11	13.17	1.06	FP
	8/24/22			13.24	14.32	1.08	FP
	11/2/22			--	DRY	--	DRY
MW-9	8/25/21	615.58	7.5-17.5	11.03	11.09	0.06	FP
	9/1/21			11.32	11.36	0.04	FP
	10/12/21			11.71	11.82	0.11	FP
	5/4/22			--	8.21	--	607.37
	7/25/22			--	12.33	--	603.25
	8/24/22			13.55	13.66	0.11	FP
	11/2/22			15.23	16.04	0.81	FP
MW-10	8/25/21	608.68	2-12	--	3.62	--	605.06
	9/1/21			--	4.08	--	604.60
	10/12/21			--	4.52	--	604.16
	5/5/22			--	1.03	--	607.65
	7/25/22			--	5.08	--	603.60
	8/23/22			--	6.43	--	602.25
	11/3/22			--	8.72	--	599.96
MW-11	8/25/21	606.78	4-14	--	6.76	--	600.02
	9/1/21			--	7.06	--	599.72
	10/12/21			--	7.34	--	599.44
	5/5/22			--	3.03	--	603.75
	7/25/22			--	7.86	--	598.92
	8/23/22			--	8.95	--	597.83
	11/3/22			--	11.02	--	595.76
MW-12	8/25/21	611.62	7-17	10.30	10.49	0.19	FP
	9/1/21			10.39	10.95	0.56	FP
	10/12/21			10.31	13.45	3.14	FP
	5/4/22			7.22	8.41	1.19	FP
	7/25/22			11.18	11.59	0.41	FP
	8/23/22			12.19	12.78	0.59	FP
	11/2/22			13.91	14.94	1.03	FP
MW-13	8/25/21	610.45	5-15	7.91	11.18	3.21	FP
	9/1/21			8.08	11.22	3.14	FP
	10/12/21			9.06	10.99	1.93	FP
	5/4/22			--	6.04	--	604.41
	7/25/22			9.66	9.69	0.03	FP
	8/23/22			10.46	11.44	0.98	FP
	11/2/22			12.44	12.51	0.07	FP
MW-14	8/25/21	608.36	5-15	8.01	10.38	2.37	FP
	9/1/21			8.07	10.32	2.25	FP
	10/12/21			9.12	9.93	0.81	FP
	5/5/22			6.02	6.18	0.16	FP
	7/25/22			9.40	9.81	0.41	FP
	8/23/22			10.31	11.18	0.87	FP
	11/2/22			12.41	12.85	0.44	FP
MW-15	9/1/21	610.20	5-15	--	7.89	--	602.31
	10/12/21			--	8.09	--	602.11
	5/5/22			--	6.34	--	603.86
	7/25/22			--	8.54	--	601.66
	8/23/22			--	9.41	--	600.79
	11/3/22			--	11.26	--	598.94

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-16	9/1/21	605.95	5-15	--	7.78	--	598.17
	10/12/21			--	8.23	--	597.72
	5/5/22			--	5.56	--	600.39
	7/25/22			--	8.39	--	597.56
	8/23/22			--	9.29	--	596.66
	11/3/22			--	11.25	--	594.70
MW-17	8/25/21	601.53	3-13	3.78	3.81	0.03	FP
	9/1/21			3.94	3.99	0.05	FP
	10/12/21			--	4.47	--	597.06
	5/5/22			--	0.13	--	601.40
	7/25/22			--	4.49	--	597.04
	8/23/22			--	5.48	--	596.05
	11/2/22			--	7.33	--	594.20
MW-18	8/25/21	604.03	4-14	6.27	6.31	0.04	FP
	9/1/21			6.37	6.42	0.05	FP
	10/12/21			4.14	13.63	9.49	FP
	5/5/22			2.93	3.11	0.18	FP
	7/25/22			--	7.03	--	597.00
	8/23/22			--	8.07	--	595.96
	11/2/22			8.66	13.47	4.81	FP
MW-19	9/1/21	605.81	5-15	--	9.07	--	596.74
	10/12/21			--	9.46	--	596.35
	5/5/22			--	5.03	--	600.78
	7/25/22			--	9.21	--	596.60
	8/23/22			--	10.83	--	594.98
	11/3/22			--	12.73	--	593.08
MW-20	9/1/21	601.51	3-13	--	5.41	--	596.10
	10/12/21			--	6.08	--	595.43
	5/4/22			--	1.72	--	599.79
	7/25/22			--	5.92	--	595.59
	8/23/22			--	6.89	--	594.62
	11/3/22			--	8.66	--	592.85
MW-21	9/1/21	604.50	5-15	--	8.91	--	595.59
	10/12/21			--	8.68	--	595.82
	5/5/22			--	6.74	--	597.76
	7/25/22			--	9.38	--	595.12
	8/23/22			--	9.63	--	594.87
	11/3/22			--	10.53	--	593.97
MW-22	9/1/21	600.57	5-15	--	8.81	--	591.76
	10/12/21			--	9.38	--	591.19
	5/4/22			--	5.04	--	595.53
	7/25/22			--	9.54	--	591.03
	8/23/22			--	10.50	--	590.07
	11/3/22			--	12.07	--	588.50
MW-23	9/1/21	602.51	5-15	--	10.71	--	591.80
	10/12/21			--	11.26	--	591.25
	5/4/22			--	6.64	--	595.87
	7/25/22			--	11.35	--	591.16
	8/23/22			--	12.34	--	590.17
	11/3/22			--	13.93	--	588.58
MW-24	9/1/21	602.73	5-15	--	11.60	--	591.13
	10/12/21			--	11.60	--	591.13
	5/4/22			--	6.96	--	595.77
	7/25/22			--	11.69	--	591.04
	8/23/22			--	12.68	--	590.05
	11/3/22			--	14.27	--	588.46

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-25	8/25/21	606.98	6-16	--	8.23	--	598.75
	9/1/21			--	8.31	--	598.67
	10/12/21			--	8.72	--	598.26
	5/5/22			--	4.15	--	602.83
	7/25/22			--	9.08	--	597.90
	8/23/22			--	10.16	--	596.82
	11/3/22			--	12.30	--	594.68
RW-1	9/1/21	624.54	10-20	18.35	19.22	0.87	FP
	10/12/21			19.20	19.66	0.46	FP
	5/4/22			15.97	16.34	0.37	FP
	7/25/22			19.23	19.66	0.43	FP
	8/24/22			--	19.69	--	604.85
	11/2/22			--	DRY	--	DRY
RW-2	9/1/21	623.44	10-20	17.27	18.12	0.85	FP
	10/12/21			18.11	19.15	1.04	FP
	5/4/22			--	14.88	--	608.56
	7/25/22			--	18.44	--	605.00
	8/24/22			--	DRY	--	DRY
	11/2/22			--	DRY	--	DRY
RW-3	9/1/21	623.34	10-20	17.48	18.25	0.77	FP
	10/12/21			18.26	19.16	0.90	FP
	5/4/22			--	15.16	--	608.18
	7/25/22			--	18.62	--	604.72
	8/24/22			19.65	19.67	0.02	FP
	11/2/22			--	DRY	--	DRY
DW-1	9/1/21	624.84	40-45	--	18.87	--	605.97
	10/12/21			--	19.73	--	605.11
	5/4/22			--	16.36	--	608.48
	7/25/22			--	19.73	--	605.11
	8/23/22			--	21.07	--	603.77
	11/2/22			--	22.99	--	601.85
DW-2	9/1/21	611.79	35-40	--	9.46	--	602.33
	10/12/21			--	10.11	--	601.69
	5/4/22			--	8.14	--	603.65
	7/25/22			--	10.32	--	601.47
	8/23/22			--	11.38	--	600.41
	11/2/22			--	13.28	--	598.51
DW-3	9/1/21	610.33	35-40	--	8.69	--	601.64
	10/12/21			--	9.29	--	601.04
	5/4/22			--	5.79	--	604.54
	7/25/22			--	9.46	--	600.87
	8/23/22			--	10.47	--	599.86
	11/2/22			--	12.40	--	597.93
DW-4	9/1/21	602.27	20-25	--	10.47	--	591.80
	10/12/21			--	10.97	--	591.30
	5/4/22			--	6.83	--	595.44
	7/25/22			--	10.08	--	592.19
	8/23/22			--	11.59	--	590.68
	11/2/22			--	13.02	--	589.25

APPENDIX G

Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Bahubhar Math LLC
311 Oakmonte Circle, Greenwood, SC 29647

Generator's Site Address (if different than mailing address)

Quick Parking #19
1802 Main St. S., Greenwood, SC

Generator's Phone:

6. Transporter 1 Company Name

KLM Environmental LLC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

US Water Recovery
511 Old Mt. Holly Rd., Goose Creek, SC

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

1. Purple water for Quick Parking #19 on hold pending a minimum disposal amount of 4500 gal.

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

43

gal.

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

Braham Robinson

Signature

[Signature]

Month Day Year

11 4 22

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Braham Robinson

Signature

[Signature]

Month Day Year

11 4 22

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

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

Printed/Typed Name

Signature

Month Day Year

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

APPENDIX H

Zoning Information

APPENDIX I

Fate and Transport Modeling

APPENDIX J

Access Agreements

APPENDIX K

Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the "No" box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	✓		
2	Is UST Owner/Operator name, address, & phone number provided?	✓		
3	Is name, address, & phone number of current property owner provided?	✓		
4	Is the SCDHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	✓		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			✓
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	✓		
7	Has the facility history been summarized?	✓		
8	Has the regional geology and hydrogeology been described?	✓		
9	Are the receptor survey results provided as required?	✓		
10	Has current use of the site and adjacent land been described?	✓		
11	Has the site-specific geology and hydrogeology been described?	✓		
12	Has the primary soil type been described?	✓		
13	Have field screening results been described?			✓
14	Has a description of the soil sample collection and preservation been detailed?			✓
15	Has the field screening methodology and procedure been detailed?			✓
16	Has the monitoring well installation and development dates been provided?			✓
17	Has the method of well development been detailed?			✓
18	Has justification been provided for the locations of the monitoring wells?			✓
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	✓		
20	Has the groundwater sampling methodology been detailed?	✓		
21	Have the groundwater sampling dates and groundwater measurements been provided?	✓		
22	Has the purging methodology been detailed?	✓		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	✓		
24	If free-product is present, has the thickness been provided?	✓		
25	Does the report include a brief discussion of the assessment done and the results?	✓		
26	Does the report include a brief discussion of the aquifer evaluation and results?			✓
27	Does the report include a brief discussion of the fate & transport models used?			✓

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			✓
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			✓
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			✓
31	Have recommendations for further action been provided and explained?	✓		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			✓
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	✓		
34	Has the current and historical laboratory data been provided in tabular format?	✓		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			✓
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			✓
37	Has the topographic map been provided with all required elements? (Figure 1)	✓		
38	Has the site base map been provided with all required elements? (Figure 2)	✓		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	✓		
40	Has the site potentiometric map been provided? (Figure 5)	✓		
41	Have the geologic cross-sections been provided? (Figure 6)			✓
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			✓
43	Has the site survey been provided and include all necessary elements? (Appendix A)	✓		
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	✓		
45	Is the laboratory performing the analyses properly certified?	✓		
46	Has the tax map been included with all necessary elements? (Appendix C)			✓
47	Have the soil boring/field screening logs been provided? (Appendix D)			✓
48	Have the well completion logs, DHEC Form 2099, and DHEC Form 1903 been provided? (Appendix E)			✓
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)	✓		
50	Have the disposal manifests been provided? (Appendix G)	✓		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			✓
52	Has all fate and transport modeling been provided? (Appendix I)			✓
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			✓
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	✓		



KLM Environmental, LLC

Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation
PO Box 2704 843-870-4285 Phone
Goose Creek SC 29445 843-797-1893 Fax

04785
Reach

January 6th, 2023

SCDHEC – Underground Storage Tank Management Division
Corrective Action Section
2600 Bull Street
Columbia, S.C. 29201

RECEIVED

JAN 20 2023

UST DIVISION



Project Managers,

This letter is a response to a query from the South Carolina Department of Health and Environmental Control (SCDHEC) Underground Storage Tank Management Division (USTMD) Corrective Action Section regarding the two recent releases (Release #2 and Release #3) associated with the Quick Pantry #19 site (UST #04785). The SCDHEC requested in a meeting on November 17th, 2022 that KLM Environmental examine the data from previous assessments at the site and attempt to differentiate between the extents of contamination caused by each release. It is the opinion of KLM Environmental that the impacts from Release #2 and Release #3 on the Quick Pantry #19 site and the surrounding properties cannot be separated with any defensible justification.

Attempting to dissect two commingling releases of the same product type is not possible scientifically as the SCDHEC USTMD knows far too well. There are many factors affecting contaminant transport, dispersion, and advection in an underground system. Under the best circumstances, the underground geologic system would be undisturbed, native strata thus minimizing anomalous disruptions to the system. At this location, multiple utilities, roadbeds, former train tracks, historic utility corridors, buried debris fields, a partially intersecting drainage canal, and other factors which are currently unknown provide much greater dispersion for any contaminant introduced into the hydrologic system at the site. The complete transport pathways are currently unknown as other contaminants have been identified leaching into the interception trench constructed by KLM previously.

Groundwater flow through different porous media occurs at variable rates due to the arrangement of particles in the subsurface. As contaminated groundwater, or free product for the purpose of this discussion, travels through the stratum, the fluid does not all travel at the same velocity, and as a result, mixing occurs along the flow path. This mixing is termed mechanical dispersion, and it results in a dilution of the contaminant at the advancing edge of flow (Fetter, 1993).

Diffusion is the process by which a contaminant in water will move from an area of greater concentration toward an area where it is less concentrated. Diffusion will occur as long as a concentration gradient exists, even if the fluid is not moving, and as a result, a contaminant may spread away from the place where it is introduced into a porous medium. Diffusion may also occur when the concentration of a contaminant is higher in one stratum than in an adjacent stratum (Fetter, 1993) provided that the adjacent stratum has the requisite porosity.

Mechanical dispersion is composed of two contaminant front mixing methods - longitudinal and transverse dispersion. Longitudinal dispersion occurs along the direction of the flow path, while transverse dispersion occurs normal to the flow path and causes lateral spreading of the contaminant. Mechanical dispersion and diffusion combine in groundwater flow to create hydrodynamic dispersion. This process begins when a contaminant enters the aquifer. Once introduced, the advecting groundwater carries the mass of contaminant with it, and in the process, the contaminant spreads, thereby decreasing the maximum concentration with time. However, the contamination is now spread over a much wider area. The adsorption of a solute onto an aquifer material (e.g., clay) results in a reduction of concentration in the aqueous phase and a retardation of the velocity of contaminant migration. The degree of retardation experienced by a

particular organic contaminant will depend on the fraction of organic carbon (foc) of the aquifer materials. The higher the foc, the more sites there are available for adsorption.

Advection is the movement of dissolved solute with flowing groundwater (Gorelick et. al., 1993). The amount of contaminant being transported is a function of its concentration in the groundwater and the quantity of groundwater flowing, and advection will transport contaminants at different rates in each stratum.

Taking into consideration these factors, when applied to two separate releases of the same product type with less than one year between the reported incidents, attempting to separate the events into two known areas or even concentration levels is not supported by any scientific reasoning. If we use an analogy to clarify, such as pouring 100 gallons of soda into an Olympic size swimming pool, let it rest for 6 months, pour a second 100 gallons of soda in, let it sit for 3 months, then attempt to remove only the first 100 gallons of soda, or differentiate between the two soda doses in the pool, the result would be a thorough failure. The factors of flow, diffusion, and dispersion are in effect in the much simpler swimming pool environment without the added complication of advection. We understand the difference in solubility of soda and gasoline in water, but this is a simplified analogy. Even so, the first soda can no more be removed than the second, nor could you discern between the two given an unlimited budget and access to the most sophisticated laboratory equipment available. We use 100 gallons and an Olympic size swimming pool to illustrate the same proportions of this contaminant plume very conservatively estimated at 5 times the volume of an Olympic pool using the known length, width, a thickness of ten feet, and a porosity of 50%, with a 500-gallon release of gasoline. This does not account for adsorption of the contaminants to the soil particles which further complicates the issue.

The considerations of transport, diffusion, dispersion, and advection notwithstanding, KLM has taken a deeper dive using the site-specific data gathered here from before Release # 3 and after its reporting. KLM Environmental had completed groundwater probing and the well installations for a Tier II Assessment for Release #2 at the Quick Pantry #19 site in August of 2021. An Aggressive Fluid and Vapor Recovery (AFVR) event also took place in early August as part of an initial abatement measure to protect the creek and the housing authority downgradient from the source area. Following the AFVR event and the well installation, KLM personnel sampled all wells at the site on September 1st, 2021. The groundwater elevation data and free product levels from the September 1st, 2021 sampling event are attached as Figure 1 and were collected for the Tier II Assessment which was submitted on October 1st, 2021. On September 28th, 2021, Release #3 occurred, whereby reportedly 500 gallons of gasoline was released from the same tank responsible for Release #2. KLM personnel were dispatched to the site on October 12th, 2021 to gauge all wells associated with the Quick Pantry #19 site in preparation for emergency abatement activities due to the new release. The groundwater elevation data and free product levels from the October 12th, 2021 gauging event are included as Figure 2. Following the gauging event, abatement activities commenced. Multiple AFVR events were conducted in succession at the site, and a trench was dug upgradient from the creek to intercept the migration of the free product plume. Due to the commencement and duration of the emergency abatement activities for Release #3, the monitoring wells at the Quick Pantry #19 site were not gauged again until May of 2022, roughly 7 months after Release #3 occurred. The groundwater elevation and free product data from the May 2022 sampling event are included as Figure 3. A table showing the change in free product thicknesses from the data collected before and after Release #3 occurred is also included as Figure 4.

The free product plume did not show much change in extent before and after Release #3 occurred, but the thickness in product increased substantially in wells down the center line of the contaminant plume, while the thickness decreased nominally in some wells. The most drastic change in free product thickness occurred at monitoring well MW-18 with an increase of 9.44 feet, but this occurred roughly 360 feet downgradient from the source area. Seeing as this gauging event took place approximately two weeks after the release, the groundwater beneath the site would have been flowing roughly 25 feet per day for this change to be a result of Release #3. Monitoring well MW-12, which saw a free product thickness increase of 2.58 feet, is located approximately 180 feet downgradient from the site. When looking solely at the monitoring wells nearest to the source area, an increase was observed in free product thickness of 0.52 feet at MW-1 and 0.10 feet at MW-2. Aquifer testing at the site yielded a linear flow velocity of 33.79 feet per year during the Tier II Assessment, but as previously discussed, multiple utilities, roadbeds, former train

tracks, historic utility corridors, buried debris, a partially intersecting drainage canal, and other factors which are currently unknown provide much greater dispersion and preferential pathways for any contaminant introduced into the hydrologic system at the site. The complete transport pathways are currently unknown as other contaminants have been identified leaching into the interception trench constructed by KLM previously.

KLM also attempted to differentiate between contaminant levels in groundwater samples before and after the release, but due to the extent of free product prior to and after the occurrence of Release #3, analytical data is absent for monitoring wells located near the source area as free product wells are not sampled customarily. It is the opinion of KLM Environmental that a significant amount of the free product exists trapped in pore spaces while steadily leaching into the groundwater. As such, the additional reportedly 500 gallons of product from Release #3 has simply combined into the contaminant plume we have already been remediating and moved, in some instances, rapidly down gradient based on free product thickness measurements.

Attempting to provide any distinction between the two releases is not possible, not supported by any scientific reasoning or measurement, and immaterial to the ongoing remediation efforts. Should a determination to restrict funding of one release over the other be attempted, the party attempting that would need means and measures currently not known to the staff of KLM Environmental nor the Counsel of Buchar Mata, LLC.

Please contact us with any questions at 985-789-3065 for Graham Robinson, or 843-870-4285 for Mark Keller.

Sincerely,

KLM Environmental, LLC



Graham Robinson, GIT
Project Manager



Mark L. Keller, PG
President

Attachments

Figure 1
Groundwater Data (feet) September 1st, 2021
Quick Pantry # 19
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	GW Elevation	FP Thickness
MW-1*	9/1/21	623.56	X-28.5	17.35	18.02	FP	0.67
MW-2*	9/1/21	623.38	10-20	17.32	18.51	FP	1.19
MW-3*	9/1/21	625.10	10-20	18.51	18.56	FP	0.05
MW-4*	9/1/21	623.30	10-20	17.18	19.19	FP	2.01
MW-5*	9/1/21	622.12	10-20	15.38	17.92	FP	2.54
MW-6	9/1/21	622.84	10-20	--	14.49	608.35	--
MW-7*	9/1/21	614.92	8-18	11.59	11.87	FP	0.28
MW-8*	9/1/21	615.10	5-15	10.63	13.89	FP	3.26
MW-9*	9/1/21	615.58	7.5-17.5	11.32	11.36	FP	0.04
MW-10	9/1/21	608.68	2-12	--	4.08	604.60	--
MW-11	9/1/21	606.78	4-14	--	7.06	599.72	--
MW-12*	9/1/21	611.62	7-17	10.39	10.95	FP	0.56
MW-13*	9/1/21	610.45	5-15	8.08	11.22	FP	3.14
MW-14*	9/1/21	608.36	5-15	8.07	10.32	FP	2.25
MW-15	9/1/21	610.20	5-15	--	7.89	602.31	--
MW-16	9/1/21	605.95	5-15	--	7.78	598.17	--
MW-17*	9/1/21	601.53	3-13	3.94	3.99	FP	0.05
MW-18*	9/1/21	604.03	4-14	6.37	6.42	FP	0.05
MW-19	9/1/21	605.81	5-15	--	9.07	596.74	--
MW-20	9/1/21	601.51	3-13	--	5.41	596.10	--
MW-21	9/1/21	604.50	5-15	--	8.91	595.59	--
MW-22	9/1/21	600.57	5-15	--	8.81	591.76	--
MW-23	9/1/21	602.51	5-15	--	10.71	591.80	--
MW-24	9/1/21	602.73	5-15	--	11.05	591.68	--
MW-25	9/1/21	606.98	6-16	--	8.31	598.67	--
RW-1*	9/1/21	624.54	10-20	18.35	19.22	FP	0.87
RW-2*	9/1/21	623.44	10-20	17.27	18.12	FP	0.85
RW-3*	9/1/21	623.34	10-20	17.48	18.25	FP	0.77
DW-1*	9/1/21	624.84	40-45	--	18.87	605.97	--
DW-2*	9/1/21	611.79	35-40	--	9.46	602.33	--
DW-3*	9/1/21	610.33	35-40	--	8.69	601.64	--
DW-4*	9/1/21	602.27	20-25	--	10.47	591.80	--

Figure 2
Groundwater Data (feet) October 12th, 2021
Quick Pantry # 19
Greenwood, SC

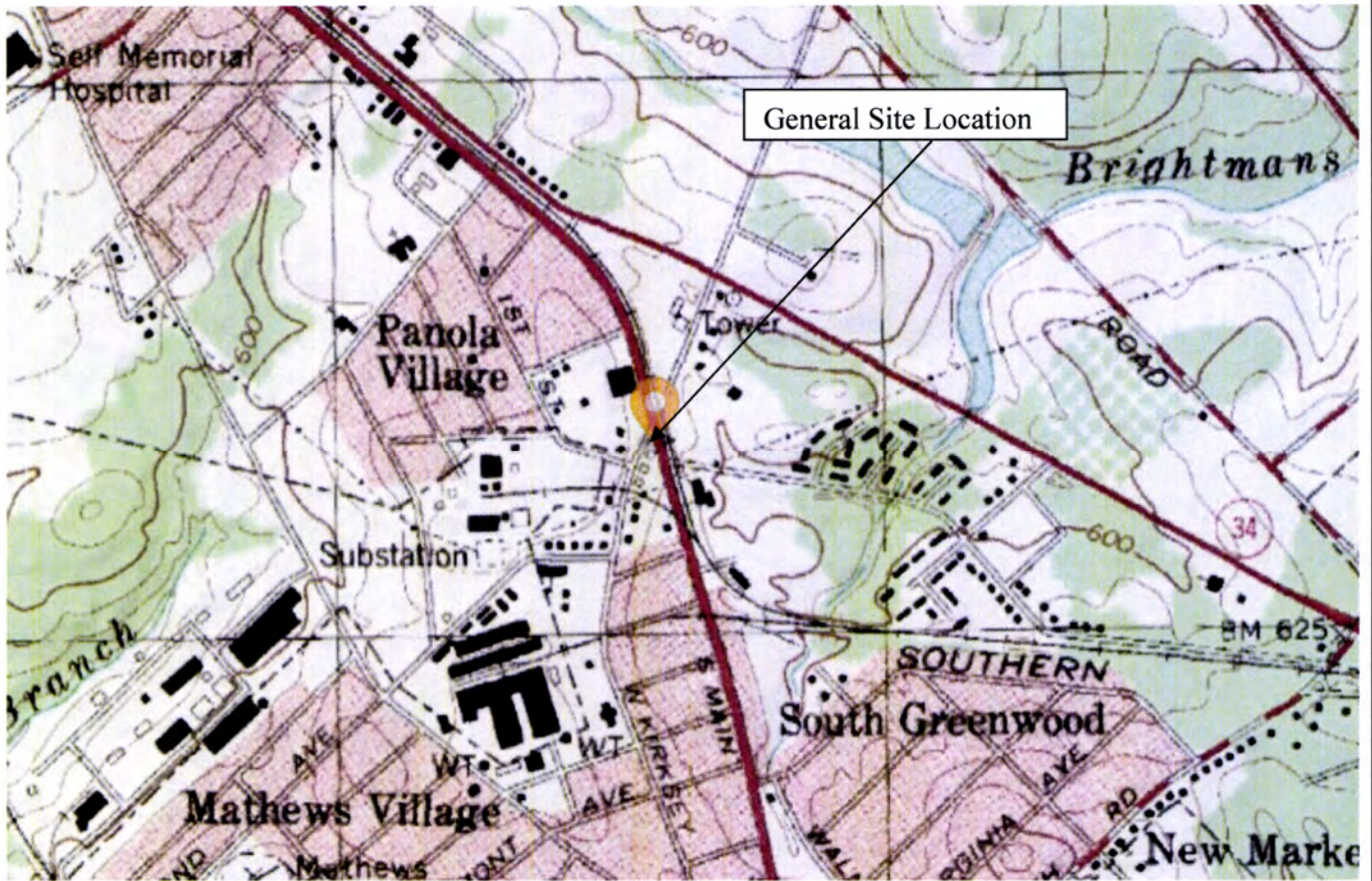
Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	GW Elevation	FP Thickness
MW-1*	10/12/21	623.56	X-28.5	18.10	19.29	FP	1.19
MW-2*	10/12/21	623.38	10-20	18.03	19.32	FP	1.29
MW-3*	10/12/21	625.10	10-20	19.43	19.47	FP	0.05
MW-4*	10/12/21	623.30	10-20	18.16	19.49	FP	1.33
MW-5*	10/12/21	622.12	10-20	16.48	18.27	FP	1.79
MW-6	10/12/21	622.84	10-20	--	14.83	608.01	--
MW-7*	10/12/21	614.92	8-18	12.23	12.25	FP	0.02
MW-8*	10/12/21	615.10	5-15	11.70	13.36	FP	1.66
MW-9*	10/12/21	615.58	7.5-17.5	11.71	11.82	FP	0.11
MW-10	10/12/21	608.68	2-12	--	4.52	604.16	--
MW-11	10/12/21	606.78	4-14	--	7.34	599.44	--
MW-12*	10/12/21	611.62	7-17	10.31	13.45	FP	3.14
MW-13*	10/12/21	610.45	5-15	9.06	10.99	FP	1.93
MW-14*	10/12/21	608.36	5-15	9.12	9.93	FP	0.81
MW-15	10/12/21	610.20	5-15	--	8.09	602.11	--
MW-16	10/12/21	605.95	5-15	--	8.23	597.72	--
MW-17*	10/12/21	601.53	3-13	--	4.47	597.06	--
MW-18*	10/12/21	604.03	4-14	4.14	13.63	FP	9.49
MW-19	10/12/21	605.81	5-15	--	9.46	596.35	--
MW-20	10/12/21	601.51	3-13	--	6.08	595.43	--
MW-21	10/12/21	604.50	5-15	--	8.68	595.82	--
MW-22	10/12/21	600.57	5-15	--	9.38	591.19	--
MW-23	10/12/21	602.51	5-15	--	11.26	591.25	--
MW-24	10/12/21	602.73	5-15	--	11.60	591.13	--
MW-25	10/12/21	606.98	6-16	--	8.72	598.26	--
RW-1*	10/12/21	624.54	10-20	19.20	19.66	FP	0.46
RW-2*	10/12/21	623.44	10-20	18.11	19.15	FP	1.04
RW-3*	10/12/21	623.34	10-20	18.26	19.16	FP	0.90
DW-1*	10/12/21	624.84	40-45	--	19.73	605.11	--
DW-2*	10/12/21	611.79	35-40	--	10.11	601.68	--
DW-3*	10/12/21	610.33	35-40	--	9.29	601.04	--
DW-4*	10/12/21	602.27	20-25	--	10.97	591.30	--

Figure 3
Groundwater Data (feet) May 4th and 5th, 2022
Quick Pantry # 19
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	GW Elevation	FP Thickness
MW-1*	5/4/22	623.56	X-28.5	15.29	15.40	FP	0.11
MW-2	5/4/22	623.38	10-20	--	15.04	608.34	
MW-3	5/4/22	625.10	10-20	--	16.12	608.98	
MW-4	5/4/22	623.30	10-20	--	15.22	608.08	
MW-5*	5/4/22	622.12	10-20	13.67	13.82	FP	0.15
MW-6	5/4/22	622.84	10-20	--	13.21	609.63	
MW-7	5/4/22	614.92	8-18	--	8.98	605.94	
MW-8*	5/4/22	615.10	5-15	8.20	10.24	FP	2.04
MW-9	5/4/22	615.58	7.5-17.5	--	8.21	607.37	
MW-10	5/5/22	608.68	2-12	--	1.03	607.65	
MW-11	5/5/22	606.78	4-14	--	3.03	603.75	
MW-12*	5/4/22	611.62	7-17	7.22	8.41	FP	1.19
MW-13	5/4/22	610.45	5-15	--	6.04	604.41	
MW-14*	5/5/22	608.36	5-15	6.02	6.18	FP	0.16
MW-15	5/5/22	610.20	5-15	--	6.34	603.86	
MW-16	5/5/22	605.95	5-15	--	5.56	600.39	
MW-17	5/5/22	601.53	3-13	--	0.13	601.40	
MW-18*	5/5/22	604.03	4-14	2.93	3.11	FP	0.18
MW-19	5/5/22	605.81	5-15	--	5.03	600.78	
MW-20	5/4/22	601.51	3-13	--	1.72	599.79	
MW-21	5/5/22	604.50	5-15	--	6.74	597.76	
MW-22	5/4/22	600.57	5-15	--	5.04	595.53	
MW-23	5/4/22	602.51	5-15	--	6.64	595.87	
MW-24	5/4/22	602.73	5-15	--	6.96	595.77	
MW-25	5/5/22	606.98	6-16	--	4.15	602.83	
RW-1*	5/4/22	624.54	10-20	15.97	16.34	FP	0.37
RW-2*	5/4/22	623.44	10-20	--	14.88	608.56	
RW-3*	5/4/22	623.34	10-20	--	15.16	608.18	
DW-1*	5/4/22	624.84	40-45	--	16.36	608.48	
DW-2*	5/4/22	611.79	35-40	--	8.14	603.65	
DW-3*	5/4/22	610.33	35-40	--	5.79	604.54	
DW-4*	5/4/22	602.27	20-25	--	6.83	595.44	

Figure 4
Change in FP Thickness after Release # 3
Quick Pantry # 19
Greenwood, SC

Monitoring Well	FP Thickness 9/1/21	FP Thickness 10/12/21	Change in FP Thickness
MW-1	0.67	1.19	+0.52
MW-2	1.19	1.29	+0.10
MW-3	0.05	0.05	0
MW-4	2.01	1.33	-0.68
MW-5	2.54	1.79	-0.75
MW-6	--	--	--
MW-7	0.28	0.02	-0.26
MW-8	3.26	1.66	-1.60
MW-9	0.04	0.11	+0.07
MW-10	--	--	--
MW-11	--	--	--
MW-12	0.56	3.14	+2.58
MW-13	3.14	1.93	-1.21
MW-14	2.25	0.81	-1.21
MW-15	--	--	--
MW-16	--	--	--
MW-17	0.05	--	-0.05
MW-18	0.05	9.49	+9.44
MW-19	--	--	--
MW-20	--	--	--
MW-21	--	--	--
MW-22	--	--	--
MW-23	--	--	--
MW-24	--	--	--
MW-25	--	--	--
RW-1	0.87	0.46	-0.41
RW-2	0.85	1.04	+0.19
RW-3	0.77	0.90	+0.13
DW-1	--	--	--
DW-2	--	--	--
DW-3	--	--	--
DW-4	--	--	--



KLM Environmental, LLC

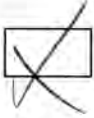
Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation

Figure 1
USGS Map
Quick Pantry # 19
Greenwood, SC
UST # 04785



FIGURE 2
 SITE MAP
 QUICK PANTRY # 19
 GREENWOOD, SC UST # 04785

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Reed Miner

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KLM Env

Docket Title

AFVR d Passive Recovery

Document Number

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AFVR & PASSIVE RECOVERY REPORT
Quick Pantry # 19
Greenwood, South Carolina
Site ID# 04785



KLM Environmental, LLC

Phase I/Phase II Underground Storage Tanks/Soil & Water Sampling/Well Installation
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February 7th, 2023

Prepared for:

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Prepared by:

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PO Box 2704
Goose Creek, SC 29445
(843) 870-4285
UST Contractor # 345

Project # 21547.6

SIGNATURE PAGE

This report entitled "AFVR & PASSIVE RECOVERY REPORT" for Quick Pantry # 19 has been prepared at the request of and for the exclusive use of the South Carolina Department of Health and Environmental Control. It has been prepared and reviewed by the undersigned.

Prepared By:

Graham P. Robinson
Hydrogeologist

Reviewed By:



Mark L. Keller, PG
President



Date



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1.0 INTRODUCTION

The Quick Pantry # 19 site is located at 1802 South Main Street in Greenwood, South Carolina. A general site location map is provided as Figure 1 in Appendix A. Due to the large area needed for mapping, the site map has been split into Site Map One shown as Figure 2, and Site Map Two as Figure 2b. The property owner is SMVS Real Estate, LLC located at 1802 South Main Street in Greenwood, SC 29646. The UST responsible party is Bahuchar Mata, LLC located at 311 Oakmonte Circle in Greenwood, SC 29649; phone 864-378-6993. KLM Environmental is the Certified UST Site Rehabilitation Contractor performing the work (Certification # 345). KLM's address is PO Box 2704, Goose Creek, SC 29445; phone 843-870-4285. Analytical Environmental Services, Inc. is the certified laboratory used to analyze the samples for this work (Certification # 98016003). AES's main address is 3080 Presidential Drive, Atlanta, GA 30340, phone # 770-457-8177.

The Quick Pantry # 19 site is an active gasoline station surrounded by residential and commercial property. This site is zoned General Commercial by Greenwood County. A copy of the zoning information can be found on the Greenwood County website. The site currently contains three underground storage tanks consisting of two 4,000-gallon gasoline tanks and one 5,000-gallon gasoline tank. The 4,000-gallon tanks are in use, but the 5,000-gallon gasoline tank has been abandoned in place due to a failed tank tightness test in February of 2021. There are two dispensers associated with these tanks. The investigation of this site was prompted by reports of a petroleum smell near the housing complex on Foundry Road. The release was reported on March 9th, 2021 in response to a failed tank tightness test and the presence of free product around the tank pit. KLM Environmental was tasked with the emergency abatement of the release, and abatement actions were initiated by shutting down the leaking tank and installing a skimming system of oil-absorbent booms to catch the petroleum on the creek's surface. After the installation of the boom system, KLM Environmental began a series of long duration Aggressive Fluid and Vapor Recovery (AFVR) events along with coordination with the SCDHEC for the Tier II Assessment. A new release was reported on September 28th, 2021 by KLM Environmental after a fuel drop was completed in the previously failed UST. Corrective actions for that release are being conducted in conjunction with Release #1.

For a list of all previous work on this site, please refer to Section 4.0 of this report. This report serves to provide the results from the six AFVR events followed by petroleum sock installation and collection

of free product in all wells previously containing free product as requested by the SCDHEC Project Manager.

2.0 ASSESSMENT INFORMATION

2.1 AFVR Information

Figure 2 in Appendix A serves as the comprehensive site map showing the locations of the twenty-five monitoring wells, four telescoping deep wells, three recovery wells, six surface waters, and the interception trench.

KLM performed six (6) 96-hour Aggressive Fluid Vapor Recovery (AFVR) events at the site beginning on December 5th, 2022 and concluding December 23rd, 2022 at the Quick Pantry # 19 site. The events were performed over a three-week period utilizing two vacuum units simultaneously which addressed separate levels of the free product plume during each event. Additionally, a variance was issued by the SCDHEC to allow recovery without utilizing off-gas treatment at the wooded locations in order to operate two vacuum units simultaneously. The wells utilized over each event are as follows: Event 1; MW-7, MW-8, & MW-9 Event 2; MW-1, & RW-2 Event 3; MW-12, & MW-13 Event 4; MW-3 & RW-5 Event 5; MW-17 & MW-18 Event 6; MW-14. In order to conduct the AFVR event on wells in the wooded area KLM utilized a hard piping manifold system for Events 1, 3, and 5 to minimize vacuum loss over such a long distance. The piping is still present on site for use in future AFVR activities on this property.

Events 1, 3, and 5 were conducted with KLM's new vacuum recovery unit. The unit was designed and constructed to operate at more than 5 times the required vacuum and flow rates required for AFVR events by the SCDHEC. Results regarding recovery rates were outstanding during those events with 2,837 gallons recovered as vapor utilizing the new unit. As a comparison, the unit performing the AFVR events 2, 4, and 6 recovered 412 gallons as vapor. That is still a great recovery rate, but it does not compare to the capabilities of the new unit.

The connected wells were gauged before and after each respective event. Results from the 96-hour AFVR events are provided on the attached tables. A total of 3,251.72 gallons of petroleum were recovered as vapor with 6,340 gallons of contaminated water recovered during these events. Thus far, a total of 1061.11 gallons of free product, 5,394.32 gallons of product as vapor, and a total of 34,713.54 gallons of contaminated ground water have been recovered during seventeen events at the site. Off gas treatment was conducted utilizing a thermal oxidizer designed to destroy 99+% of all contaminants put through the system. A photograph of the unit is included in Appendix C along

with brief specifications. All of the remaining information requested in the AFVR Report is provided as attachments in Appendix C.

2.2 Passive Recovery Information

KLM also implemented a passive recovery system to remove additional free product in the subsurface using oil absorbent skimmer socks placed inside the monitoring wells that have recently contained free product. The skimmer socks were installed on December 23rd, 2022 immediately following the conclusion of the AFVR events. KLM personnel returned on January 5th, January 19th, and February 2nd, 2023 to collect the recovered free product from the skimmer socks. The wells were gauged prior to installation of the oil absorbent skimmer socks on December 23rd, 2022, and again on January 5th, January 19th, and February 2nd, 2023 to document changes in free product thickness. A table showing the groundwater elevation data and free product measurements from each gauging event is included.

Results from the passive recovery event are as follows:

TABLE 1 Skimmer Recovery Data Quick Pantry # 19 Greenwood, SC							
Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	FP Recovered (ml)
MW-1	12/23/22	623.56	X-28.5	19.72	19.96	0.24	--
	1/5/23			19.16	19.17	0.01	500
	1/19/23			18.31	18.32	0.01	300
	2/2/23			--	17.29	--	250
MW-2	12/23/22	623.38	10-20	18.21	18.24	0.03	--
	1/5/23			--	19.29	--	150
	1/19/23			--	18.51	--	300
	2/2/23			--	17.34	--	150
MW-4	12/23/22	623.30	10-20	--	DRY	--	--
	1/5/23			--	19.40	--	100
	1/19/23			--	18.85	--	150
	2/2/23			--	17.22	--	100
MW-8	12/23/22	615.10	5-15	13.53	13.61	0.08	--
	1/5/23			11.31	11.36	0.05	500
	1/19/23			11.11	11.12	0.01	300
	2/2/23			--	9.71	--	250
MW-9	12/23/22	615.58	7.5-17.5	13.18	13.19	0.01	--
	1/5/23			--	9.61	--	100
	1/19/23			--	10.51	--	50
	2/2/23			--	8.78	--	100

TABLE 1 Continued Skimmer Recovery Data Quick Pantry # 19 Greenwood, SC							
Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	FP Recovered (ml)
MW-12	12/23/22	611.62	7-17	11.93	12.21	0.28	--
	1/5/23			--	10.17	--	150
	1/19/23			--	9.62	--	150
	2/2/23			--	8.24	--	150
MW-13	12/23/22	610.45	5-15	10.57	10.59	0.02	--
	1/5/23			--	8.13	--	150
	1/19/23			--	8.35	--	100
	2/2/23			--	6.67	--	100
MW-14	12/23/22	608.36	5-15	13.98	14.01	0.03	--
	1/5/23			--	7.69	--	150
	1/19/23			--	7.92	--	100
	2/2/23			--	6.32	--	100
MW-18	12/23/22	604.03	4-14	13.64	13.68	0.04	--
	1/5/23			--	5.03	--	325
	1/19/23			--	5.02	--	200
	2/2/23			--	3.41	--	150
RW-1	12/23/22	624.54	10-20	--	DRY	--	--
	1/5/23			--	19.87	--	50
	1/19/23			--	19.59	--	350
	2/2/23			--	19.39	--	400
RW-2	12/23/22	623.44	10-20	--	DRY	--	--
	1/5/23			--	19.53	--	500
	1/19/23			--	18.81	--	800
	2/2/23			--	17.54	--	650
RW-3	12/23/22	623.34	10-20	--	DRY	--	--
	1/5/23			--	19.38	--	400
	1/19/23			--	18.59	--	450
	2/2/23			--	17.29	--	550

Depths to fluid measurements were collected relative to the top of casing for each well. A hydrocarbon interface probe capable of detecting and measuring a hydrocarbon product thickness of 0.01 foot or 1/8 inch was used for depth to fluid measurements.

3.0 CONCLUSIONS

AFVR events 1, 3, and 5 were conducted with KLM's new vacuum recovery unit. The unit was designed and constructed to operate at more than 5 times the required vacuum and flow rates required for AFVR events by the SCDHEC. KLM specified this unit for construction two years ago and it was recently delivered for service. This site is the first use of the new unit. Results regarding recovery rates were outstanding during those events with 2,837 gallons recovered as vapor utilizing the new unit. As a comparison, the unit performing the AFVR events 2, 4, and 6 recovered 412 gallons as vapor. Additionally, the petroleum socks recovered 2.45 gallons of free phase product during the time they were installed in the monitoring wells. The socks were removed to allow for sampling of the wells being conducted on February 7th, 2023. A total of 1,063.56 gallons of free product has been recovered thus far to include the AFVR events and sock recovery (not including the recovered amount in the creek booms as that could not be estimated), with an additional 5,394.32 gallons of product calculated to have been recovered as vapor during the AFVR events.

Due to the very high recovery rates documented in the AFVR events conducted at the site, and the very widespread contamination already known at the site, KLM recommends continued AFVR events to continue to recover both free phase and off gas vapor in order to protect the creek and surrounding areas from further impact. A new work plan will be submitted once analytical results from the next scheduled sampling event in February have been received.

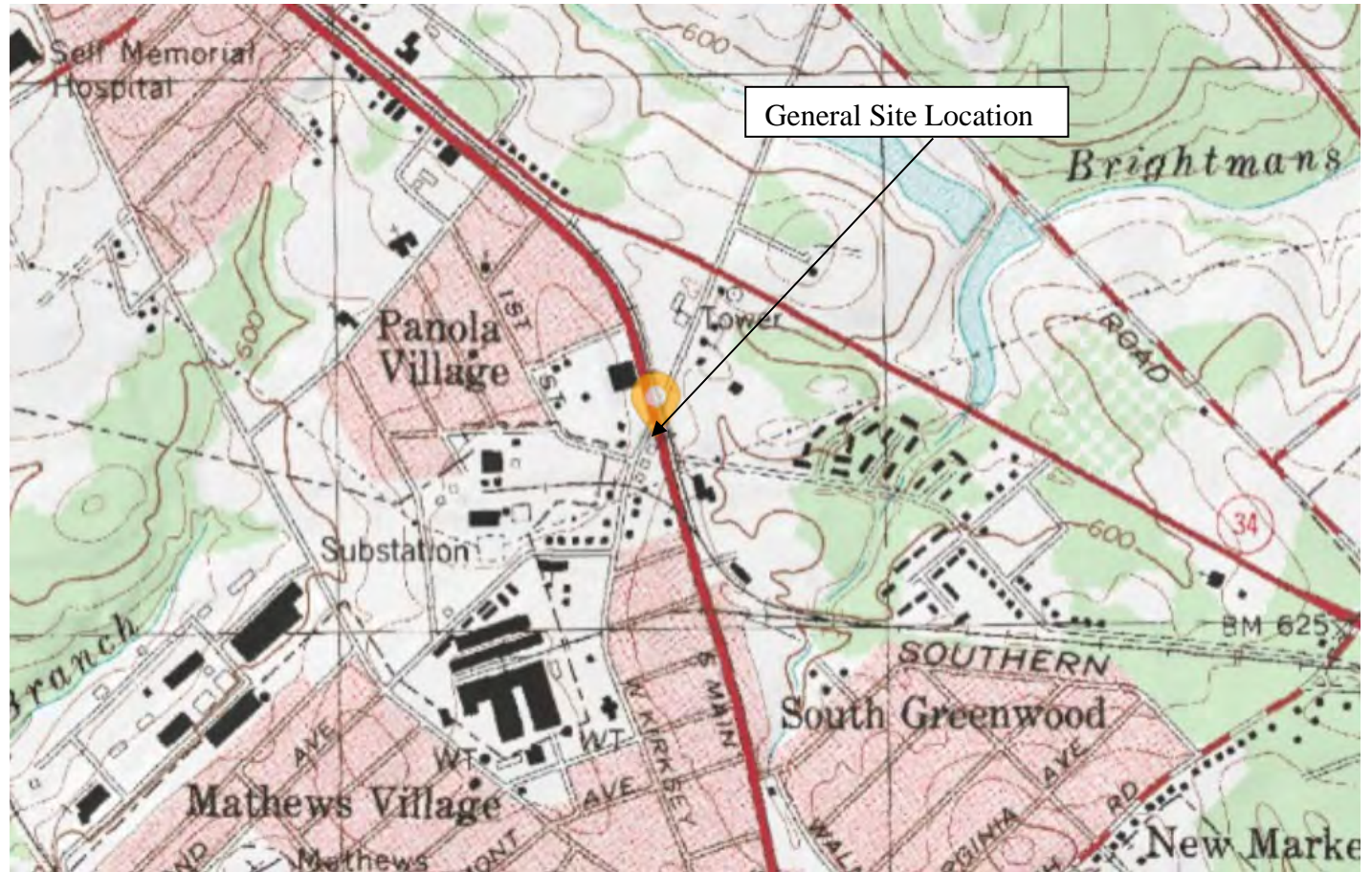
4.0 REFERENCES

KLM Environmental, LLC, *Monitoring Report*, November 2022.
KLM Environmental, LLC, *Monitoring Report*, September 2022.
KLM Environmental, LLC, *AFVR Report*, July 2022.
KLM Environmental, LLC, *Monitoring Report*, May 2022.
KLM Environmental, LLC, *Tier II Addendum Report*, February 2022.
KLM Environmental, LLC, *AFVR Report*, January 2022.
KLM Environmental, LLC, *Tier II Report*, October 2021.
KLM Environmental, LLC, *AFVR Report*, August 2021.
KLM Environmental, LLC, *AFVR Report*, June 2021.
KLM Environmental, LLC, *AFVR Report*, April 2021.
KLM Environmental, LLC, *Initial Containment Boom Report*, April 2021.
KLM Environmental, LLC, *Initial Sampling Report*, March 2021.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management Underground Storage Tank Program, *South Carolina Quality Assurance Program Plan Revision 4.0*, July 2020.

APPENDIX A

Figures



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1

USGS Map

Quick Pantry # 19

Greenwood, SC

UST # 04785

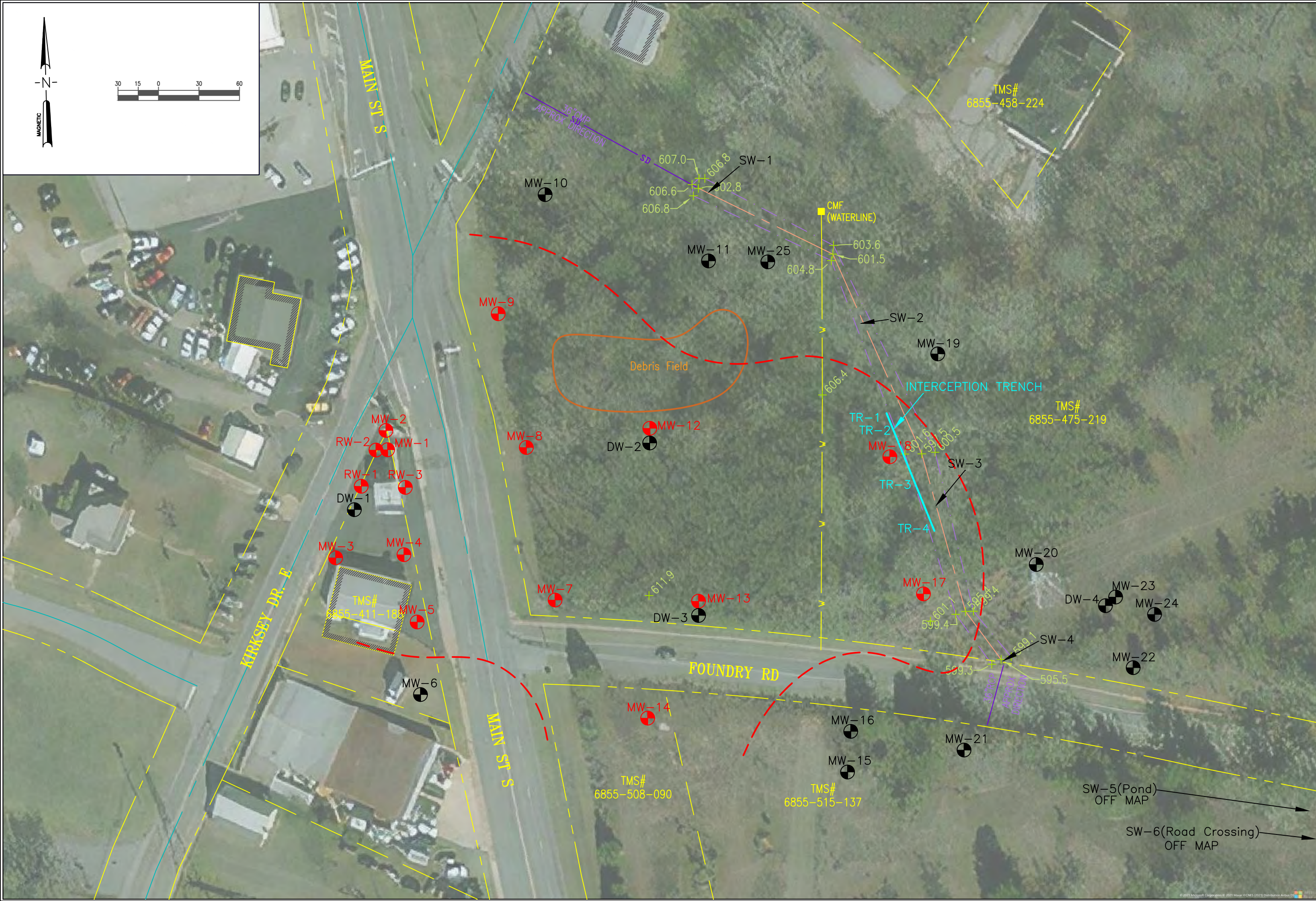
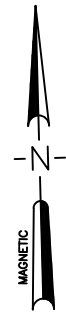


FIGURE 2

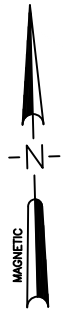
SITE MAP

QUICK PANTRY # 19

GREENWOOD, SC UST # 04785



KLM Environmental, LLC
Phase I: Phase II: Underground Storage Tanks Soil & Water Sampling-Well Installation



TMS# 6855-562-314

TMS# 6855-550-186

TMS# 6855-550-186

CMF

FOUNDRY RD

SW-5

POND

OHIO CT

TMS# 6855-550-186

SW-6

NEW YORK CT

KLM Environmental, LLC
Phase I: Phase II: Underground Storage Tanks-Soil & Water Sampling-Well Installation



FIGURE 2B
SITE MAP TWO
QUICK PANTRY # 19
GREENWOOD, SC UST # 04785



KLM Environmental, LLC
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 3
Thermal Oxidizer
Youngs # 3607
Sumter, SC
Project # 05122

APPENDIX B

Laboratory Data / Sampling Sheets

APPENDIX C

AFVR Information

Table 1
AFVR Event Data

12/5/2022 - 12/9/2022
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)				Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-7	MW-8	MW-9		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
12/5/2022	10:00	14.67	14.1	14.38		-22	424.8	73.9	55.3	59.2	1281		100.00
12/5/2022	10:30	15.17	14.6	14.88		-22	458.6	79.3	59.7	55.4	5792		100.00
12/5/2022	11:00	15.67	14.6	15.38		-22	406.4	88.6	52.9	52.9	6694		100.00
12/5/2022	11:30	16.17	14.6	15.88		-22	487.8	95.2	63.5	58.6	7518		100.00
12/5/2022	12:00	16.67	14.6	16.38		-22	461.7	99.5	60.1	53.6	13487		100.00
12/5/2022	12:30	17.17	14.6	16.88		-22	482.5	97.1	62.8	59.3	12954		100.00
12/5/2022	13:00	17.67	14.6	17.38		-22	501.7	101.4	65.3	62.8	13128		100.00
12/5/2022	13:30	17.67	14.6	17.38		-22	472.5	99.8	61.5	54.6	13667		100.00
12/5/2022	14:00	17.67	14.6	17.38		-22	513.2	102.8	66.8	57.2	14125		100.00
12/5/2022	14:30	17.67	14.6	17.38		-22	531.6	103.2	69.2	52.4	14248		100.00
12/5/2022	15:00	17.67	14.6	17.38		-22	565.4	101.9	73.6	59.6	13918		100.00
12/5/2022	15:30	17.67	14.6	17.38		-22	515.5	103.9	67.1	51.9	13745		100.00
12/5/2022	16:00	17.67	14.6	17.38		-22	548.5	105.5	71.4	57.3	14098		100.00
12/5/2022	16:30	17.67	14.6	17.38		-22	505.5	106.6	65.8	62.7	14678		100.00
12/5/2022	17:00	17.67	14.6	17.38		-22	532.4	104.2	69.3	56.8	14423		100.00
12/5/2022	17:30	17.67	14.6	17.38		-22	495.5	100.8	64.5	53.4	14845		100.00
12/5/2022	18:00	17.67	14.6	17.38		-22	529.3	101.4	68.9	59.9	14519		100.00
12/5/2022	19:00	17.67	14.6	17.38		-22	484.8	103.7	63.1	64.2	13878		100.00
12/5/2022	20:00	17.67	14.6	17.38		-22	518.6	101.1	67.5	60.5	13297		100.00
12/5/2022	21:00	17.67	14.6	17.38		-22	575.4	104.5	74.9	66.7	12841		100.00
12/5/2022	22:00	17.67	14.6	17.38		-22	539.3	102.9	70.2	63.5	13493		100.00
12/5/2022	23:00	17.67	14.6	17.38		-22	579.3	100.3	75.4	59.3	13136		100.00
12/5/2022	0:00	17.67	14.6	17.38		-22	567.7	99.7	73.9	55.8	12987		100.00
12/6/2022	8:00	17.67	14.6	17.38		-22	472.5	94.9	61.5	57.5	13322		100.00
12/6/2022	9:00	17.67	14.6	17.38		-22	439.4	97.4	57.2	52.3	13662		100.00
12/6/2022	10:00	17.67	14.6	17.38		-22	466.3	101.4	60.7	61.5	13725		100.00
12/6/2022	12:00	17.67	14.6	17.38		-22	517.0	108.3	67.3	68.8	13475		100.00
12/6/2022	14:00	17.67	14.6	17.38		-22	490.9	106.9	63.9	64.2	13139		100.00
12/6/2022	16:00	17.67	14.6	17.38		-22	524.7	109.5	68.3	73.6	12977		100.00
12/6/2022	18:00	17.67	14.6	17.38		-22	562.4	105.2	73.2	68.9	13051		100.00
12/6/2022	20:00	17.67	14.6	17.38		-22	546.2	103.7	71.1	72.5	13161		100.00
12/6/2022	22:00	17.67	14.6	17.38		-22	512.4	100.2	66.7	75.7	12984		100.00
12/6/2022	0:00	17.67	14.6	17.38		-22	574.7	99.7	74.8	70.2	12956		100.00
12/7/2022	8:00	17.67	14.6	17.38		-22	577.7	93.7	75.2	68.3	13029		100.00
12/7/2022	10:00	17.67	14.6	17.38		-22	552.4	96.9	71.9	65.9	12981		100.00
12/7/2022	12:00	17.67	14.6	17.38		-22	526.3	99.2	68.5	70.1	11847		100.00
12/7/2022	14:00	17.67	14.6	17.38		-22	492.5	97.1	64.1	69.5	11936		100.00
12/7/2022	16:00	17.67	14.6	17.38		-22	517.0	98.6	67.3	66.3	12818		100.00
12/7/2022	18:00	17.67	14.6	17.38		-22	504.0	95.4	65.6	73.7	12552		100.00
12/7/2022	20:00	17.67	14.6	17.38		-22	549.3	94.1	71.5	71.5	12847		100.00
12/7/2022	22:00	17.67	14.6	17.38		-22	531.6	91.8	69.2	74.2	12768		100.00
12/7/2022	0:00	17.67	14.6	17.38		-22	497.8	89.5	64.8	72.8	12927		100.00
12/8/2022	8:00	17.67	14.6	17.38		-22	518.6	81.9	67.5	67.8	12833		100.00
12/8/2022	10:00	17.67	14.6	17.38		-22	562.4	87.2	73.2	65.2	12787		100.00
12/8/2022	12:00	17.67	14.6	17.38		-22	532.4	97.5	69.3	69.5	12853		100.00
12/8/2022	14:00	17.67	14.6	17.38		-22	560.1	96.1	72.9	70.3	12631		100.00
12/8/2022	16:00	17.67	14.6	17.38		-22	540.9	99.6	70.4	67.1	12678		100.00
12/8/2022	18:00	17.67	14.6	17.38		-22	517.0	97.3	67.3	61.4	12611		100.00
12/8/2022	20:00	17.67	14.6	17.38		-22	507.8	99.1	66.1	64.9	12782		100.00
12/8/2022	22:00	17.67	14.6	17.38		-22	547.8	94.6	71.3	59.2	12622		100.00
12/8/2022	0:00	17.67	14.6	17.38		-22	533.9	90.3	69.5	56.6	12552		100.00
12/9/2022	8:00	17.67	14.6	17.38		-22	561.6	86.9	73.1	58.3	12829		100.00
12/9/2022	10:00	17.67	14.6	17.38		-22	539.3	93.5	70.2	61.4	12351		100.00

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-7		14.67		17.38
MW-8		14.1		14.96
MW-9	14.38	15.45		17.44

Table 1
AFVR Event Data

12/5/2022 - 12/9/2022
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)			Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-1	RW-2		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
12/5/2022	10:00	21.33	20		-22	116.0	76.4	15.1	58.3	2341	119.2	94.91
12/5/2022	10:30	21.88	20		-22	113.7	84.5	14.8	64.7	9442	143.9	98.48
12/5/2022	11:00	22.33	20		-22	118.3	89.8	15.4	55.9	14627	221.4	98.49
12/5/2022	11:30	22.88	20		-22	111.4	92.4	14.5	59.1	15000	231.4	98.46
12/5/2022	12:00	23.33	20		-22	114.5	99.6	14.9	56.6	15000	319.3	97.87
12/5/2022	12:30	23.88	20		-22	112.9	97.7	14.7	52.8	15000	326.7	97.82
12/5/2022	13:00	24.33	20		-22	109.1	101.3	14.2	55.3	15000	321.7	97.86
12/5/2022	13:30	24.88	20		-22	117.5	98.2	15.3	58.5	15000	319.5	97.87
12/5/2022	14:00	25.33	20		-22	114.5	99.6	14.9	63.2	15000	312.5	97.92
12/5/2022	14:30	25.88	20		-22	109.9	101.6	14.3	59.1	15000	296.8	98.02
12/5/2022	15:00	26.33	20		-22	112.2	100.3	14.6	62.6	15000	281.4	98.12
12/5/2022	15:30	26.88	20		-22	117.5	97.9	15.3	58.7	15000	290.1	98.07
12/5/2022	16:00	27.33	20		-22	108.3	99.5	14.1	64.5	15000	289.5	98.07
12/5/2022	16:30	27.88	20		-22	117.5	98.2	15.3	66.3	15000	279.8	98.13
12/5/2022	17:00	28.33	20		-22	113.7	98.8	14.8	61.9	15000	263.2	98.25
12/5/2022	17:30	28.33	20		-22	110.6	96.5	14.4	63.2	15000	270.6	98.20
12/5/2022	18:00	28.33	20		-22	111.4	97.8	14.5	58.4	15000	268.3	98.21
12/5/2022	19:00	24	20		-22	116.8	98.1	15.2	57.1	15000	274.5	98.17
12/5/2022	20:00	24	20		-22	114.5	100.4	14.9	59.7	15000	318.9	97.87
12/5/2022	21:00	24	20		-22	116.8	96.2	15.2	64.5	15000	367.3	97.55
12/5/2022	22:00	24	20		-22	116.0	95.6	15.1	68.3	15000	378.1	97.48
12/5/2022	23:00	24	20		-22	113.7	92.9	14.8	65.1	15000	389.5	97.40
12/5/2022	0:00	24	20		-22	114.5	92.1	14.9	70.8	15000	390.4	97.40
12/6/2022	8:00	24	20		-22	116.8	81.7	15.2	72.3	15000	379.8	97.47
12/6/2022	9:00	24	20		-22	119.1	87.2	15.5	68.5	15000	381.6	97.46
12/6/2022	10:00	24	20		-22	114.5	89.9	14.9	63.7	15000	383.2	97.45
12/6/2022	12:00	24	20		-22	112.2	94.6	14.6	69.2	15000	377.8	97.48
12/6/2022	14:00	24	20		-22	112.9	98.1	14.7	73.8	15000	370.5	97.53
12/6/2022	16:00	24	20		-22	117.5	97.3	15.3	68.5	15000	362.1	97.59
12/6/2022	18:00	24	20		-22	116.0	95.9	15.1	71.7	15000	348.4	97.68
12/6/2022	20:00	22	20		-22	112.2	96.6	14.6	74.8	15000	318.9	97.87
12/6/2022	22:00	22	20		-22	113.7	98.8	14.8	72.9	15000	322.6	97.85
12/6/2022	0:00	22	20		-22	111.4	96.1	14.5	68.3	15000	313.3	97.91
12/7/2022	8:00	25	20		-22	113.7	89.5	14.8	65.8	15000	289.8	98.07
12/7/2022	10:00	25	20		-22	112.9	97.6	14.7	69.5	15000	338.2	97.75
12/7/2022	12:00	25	20		-22	118.3	99.2	15.4	64.1	15000	358.5	97.61
12/7/2022	14:00	25	20		-22	118.3	103.5	15.4	67.3	15000	366.1	97.56
12/7/2022	16:00	25	20		-22	112.9	102.1	14.7	65.6	15000	384.6	97.44
12/7/2022	18:00	25	20		-22	119.8	101.2	15.6	71.5	15000	380.4	97.46
12/7/2022	20:00	25	20		-22	116.0	97.2	15.1	69.2	15000	375.1	97.50
12/7/2022	22:00	25	20		-22	119.1	98.6	15.5	64.8	15000	378.7	97.48
12/7/2022	0:00	25	20		-22	121.4	95.4	15.8	67.5	15000	371.4	97.52
12/8/2022	8:00	25	20		-22	116.8	84.8	15.2	73.2	15000	379.6	97.47
12/8/2022	10:00	25	20		-22	114.5	96.2	14.9	69.3	15000	373.2	97.51
12/8/2022	12:00	25	20		-22	112.2	99.5	14.6	72.9	15000	365.9	97.56
12/8/2022	14:00	25	20		-22	116.0	102.8	15.1	70.4	15000	361.5	97.59
12/8/2022	16:00	25	20		-22	117.5	106.3	15.3	67.3	15000	369.1	97.54
12/8/2022	18:00	25	20		-22	112.9	103.7	14.7	66.1	15000	373.7	97.51
12/8/2022	20:00	25	20		-22	114.5	101.7	14.9	71.3	15000	375.9	97.49
12/8/2022	22:00	25	20		-22	117.5	98.6	15.3	69.5	15000	363.2	97.58
12/8/2022	0:00	25	20		-22	119.1	91.2	15.5	73.1	15000	359.5	97.60
12/9/2022	8:00	25	20		-22	112.9	88.5	14.7	70.2	15000	368.7	97.54
12/9/2022	10:00	25	20		-22	116.0	93.8	15.1	74.5	15000	362.1	97.59

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-1	21.33	22.04		25.08
RW-2		20		19.78

Table 1
AFVR Event Data

12/12/2022 - 12/16/2022
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)				Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-12	MW-13			Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
12/12/2022	10:00	15.22	11.89			-22	586.9	96.3	76.4	58.3	6273		100.00
12/12/2022	10:30	15.72	12.39			-22	573.9	112.7	74.7	64.7	8419		100.00
12/12/2022	11:00	16.22	12.89			-22	577.7	121.4	75.2	55.9	13785		100.00
12/12/2022	11:30	16.72	13.39			-22	577.7	120.3	75.2	59.1	13298		100.00
12/12/2022	12:00	16.72	13.89			-22	567.0	125.9	73.8	56.6	14261		100.00
12/12/2022	12:30	16.72	14.39			-22	573.1	124.2	74.6	52.8	13842		100.00
12/12/2022	13:00	16.72	14.89			-22	570.0	126.3	74.2	55.3	13576		100.00
12/12/2022	13:30	16.72	14.89			-22	578.5	123.5	75.3	58.5	13718		100.00
12/12/2022	14:00	16.72	14.89			-22	574.7	124.8	74.8	63.2	13239		100.00
12/12/2022	14:30	16.72	14.89			-22	569.3	122.3	74.1	59.1	12927		100.00
12/12/2022	15:00	16.72	14.89			-22	573.9	123.1	74.7	62.6	13157		100.00
12/12/2022	15:30	16.72	14.89			-22	572.3	122.7	74.5	58.7	12822		100.00
12/12/2022	16:00	16.72	14.89			-22	556.2	124.9	72.4	64.5	13044		100.00
12/12/2022	16:30	16.72	14.89			-22	566.2	121.5	73.7	66.3	13471		100.00
12/12/2022	17:00	16.72	14.89			-22	563.9	123.6	73.4	61.9	13511		100.00
12/12/2022	17:30	16.72	14.89			-22	570.8	120.2	74.3	63.2	13684		100.00
12/12/2022	18:00	16.72	14.89			-22	565.4	119.8	73.6	58.4	13396		100.00
12/12/2022	19:00	16.72	14.89			-22	564.7	121.5	73.5	57.1	13318		100.00
12/12/2022	20:00	16.72	14.89			-22	570.0	120.3	74.2	59.7	13181		100.00
12/12/2022	21:00	16.72	14.89			-22	577.7	118.1	75.2	64.5	12956		100.00
12/12/2022	22:00	16.72	14.89			-22	566.2	119.7	73.7	68.3	12987		100.00
12/12/2022	23:00	16.72	14.89			-22	574.7	117.4	74.8	65.1	12739		100.00
12/12/2022	0:00	16.72	14.89			-22	561.6	117.1	73.1	70.8	12365		100.00
12/13/2022	8:00	16.72	14.89			-22	573.1	109.3	74.6	72.3	12541		100.00
12/13/2022	9:00	16.72	14.89			-22	570.0	116.4	74.2	68.5	13122		100.00
12/13/2022	10:00	16.72	14.89			-22	573.9	117.6	74.7	63.7	13043		100.00
12/13/2022	12:00	16.72	14.89			-22	553.9	122.9	72.1	69.2	13296		100.00
12/13/2022	14:00	16.72	14.89			-22	567.0	125.2	73.8	73.8	13218		100.00
12/13/2022	16:00	16.72	14.89			-22	571.6	123.7	74.4	68.5	13463		100.00
12/13/2022	18:00	16.72	14.89			-22	569.3	121.4	74.1	71.7	13779		100.00
12/13/2022	20:00	16.72	14.89			-22	613.8	119.8	79.9	74.8	14117		100.00
12/13/2022	22:00	16.72	14.89			-22	564.7	118.4	73.5	72.9	14028		100.00
12/13/2022	0:00	16.72	14.89			-22	586.2	118.1	76.3	68.3	13869		100.00
12/14/2022	8:00	16.72	14.89			-22	565.4	113.5	73.6	65.8	13892		100.00
12/14/2022	10:00	16.72	14.89			-22	571.6	117.9	74.4	69.5	14057		100.00
12/14/2022	12:00	16.72	14.89			-22	560.1	122.7	72.9	64.1	14184		100.00
12/14/2022	14:00	16.72	14.89			-22	565.4	121.9	73.6	67.3	14036		100.00
12/14/2022	16:00	16.72	14.89			-22	570.8	124.2	74.3	65.6	13910		100.00
12/14/2022	18:00	16.72	14.89			-22	573.9	122.3	74.7	71.5	13658		100.00
12/14/2022	20:00	16.72	14.89			-22	553.9	120.9	72.1	69.2	13729		100.00
12/14/2022	22:00	16.72	14.89			-22	577.7	119.4	75.2	64.8	13463		100.00
12/14/2022	0:00	16.72	14.89			-22	580.8	117.7	75.6	67.5	13345		100.00
12/15/2022	8:00	16.72	14.89			-22	575.4	115.8	74.9	73.2	13098		100.00
12/15/2022	10:00	16.72	14.89			-22	547.8	118.9	71.3	69.3	12835		100.00
12/15/2022	12:00	16.72	14.89			-22	581.6	123.1	75.7	72.9	12622		100.00
12/15/2022	14:00	16.72	14.89			-22	573.9	122.7	74.7	70.4	12976		100.00
12/15/2022	16:00	16.72	14.89			-22	578.5	123.5	75.3	67.3	13292		100.00
12/15/2022	18:00	16.72	14.89			-22	594.6	121.9	77.4	66.1	13341		100.00
12/15/2022	20:00	16.72	14.89			-22	573.9	119.3	74.7	71.3	13574		100.00
12/15/2022	22:00	16.72	14.89			-22	578.5	122.7	75.3	69.5	13413		100.00
12/15/2022	0:00	16.72	14.89			-22	573.1	118.4	74.6	73.1	13654		100.00
12/16/2022	8:00	16.72	14.89			-22	560.1	115.3	72.9	70.2	13639		100.00
12/16/2022	10:00	16.72	14.89										

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-12	13.39	14.22		16.84
MW-13	12.87	13.63		14.96

Table 1
AFVR Event Data

12/12/2022 - 12/16/2022
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)			Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-3	MW-5		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
12/12/2022	10:00	20	20		-19	125.2	58.2	16.3	58.3	4632	148.7	96.79
12/12/2022	10:30	20	20		-19	121.4	65.9	15.8	64.7	6381	127.5	98.00
12/12/2022	11:00	20	20		-19	124.5	85.5	16.2	55.9	6921	126.7	98.17
12/12/2022	11:30	20	20		-19	119.1	91.6	15.5	59.1	6174	125.2	97.97
12/12/2022	12:00	20	20		-19	114.5	90.1	14.9	56.6	7264	133.5	98.16
12/12/2022	12:30	20	20		-19	120.6	95.3	15.7	52.8	8395	140.4	98.33
12/12/2022	13:00	20	20		-19	116.8	96.8	15.2	55.3	8145	144.7	98.22
12/12/2022	13:30	20	20		-19	125.2	98.4	16.3	58.5	7719	142.1	98.16
12/12/2022	14:00	20	20		-19	122.2	95.5	15.9	63.2	7953	143.6	98.19
12/12/2022	14:30	20	20		-19	116.8	96.7	15.2	59.1	8276	140.3	98.30
12/12/2022	15:00	20	20		-19	121.4	96.2	15.8	62.6	8339	152.9	98.17
12/12/2022	15:30	20	20		-19	116.8	94.9	15.2	58.7	8562	159.1	98.14
12/12/2022	16:00	20	20		-19	119.1	92.5	15.5	64.5	8445	161.7	98.09
12/12/2022	16:30	20	20		-19	113.7	93.7	14.8	66.3	8129	163.5	97.99
12/12/2022	17:00	20	20		-20	112.2	96.2	14.6	61.9	7883	169.4	97.85
12/12/2022	17:30	20	20		-20	117.5	94.5	15.3	63.2	7822	165.9	97.88
12/12/2022	18:00	20	20		-20	112.9	92.8	14.7	58.4	7239	173.7	97.60
12/12/2022	19:00	20	20		-20	119.1	90.3	15.5	57.1	6861	161.3	97.65
12/12/2022	21:00	20	20		-20	116.0	93.1	15.1	59.7	6618	157.2	97.62
12/12/2022	22:00	20	20		-20	125.2	89.5	16.3	64.5	6742	146.9	97.82
12/12/2022	23:00	20	20		-20	119.8	88.3	15.6	68.3	6971	134.4	98.07
12/12/2022	0:00	20	20		-20	118.3	85.8	15.4	65.1	7088	141.5	98.00
12/13/2022	8:00	20	20		-20	114.5	86.5	14.9	70.8	7126	178.9	97.49
12/13/2022	9:00	20	20		-20	116.0	66.2	15.1	71.3	6844	171.1	97.50
12/13/2022	10:00	20	20		-20	120.6	67.3	15.7	72.3	7253	176.4	97.57
12/13/2022	12:00	20	20		-20	116.0	74.9	15.1	68.5	7311	153.7	97.90
12/13/2022	14:00	20	20		-20	122.2	88.5	15.9	63.7	7127	149.5	97.90
12/13/2022	16:00	20	20		-20	117.5	94.2	15.3	69.2	6974	145.3	97.92
12/13/2022	18:00	20	20		-20	112.9	92.7	14.7	73.8	6935	138.6	98.00
12/13/2022	20:00	20	20		-20	119.1	93.5	15.5	68.5	6789	135.9	98.00
12/13/2022	22:00	20	20		-20	117.5	90.1	15.3	71.7	6307	130.2	97.94
12/13/2022	0:00	20	20		-20	122.2	85.3	15.9	74.8	6653	122.8	98.15
12/14/2022	8:00	20	20		-20	119.8	81.6	15.6	72.9	6731	128.4	98.09
12/14/2022	10:00	20	20		-20	124.5	67.5	16.2	68.3	6589	132.3	97.99
12/14/2022	12:00	20	20		-20	112.9	74.8	14.7	65.8	6428	139.7	97.83
12/14/2022	14:00	20	20		-20	117.5	83.3	15.3	69.5	6162	133.1	97.84
12/14/2022	16:00	20	20		-20	121.4	87.6	15.8	64.1	6521	135.5	97.92
12/14/2022	18:00	20	20		-20	112.9	92.2	14.7	67.3	6374	139.8	97.81
12/14/2022	20:00	20	20		-20	116.8	93.9	15.2	65.6	6269	142.7	97.72
12/14/2022	22:00	20	20		-20	121.4	85.5	15.8	71.5	6197	138.2	97.77
12/14/2022	0:00	20	20		-20	118.3	80.7	15.4	69.2	5842	123.1	97.89
12/15/2022	8:00	20	20		-20	125.2	74.3	16.3	64.8	5921	118.7	98.00
12/15/2022	10:00	20	20		-20	126.0	64.9	16.4	67.5	5886	113.4	98.07
12/15/2022	12:00	20	20		-20	120.6	61.7	15.7	73.2	5782	110.9	98.08
12/15/2022	14:00	20	20		-20	117.5	79.3	15.3	69.3	5953	99.4	98.33
12/15/2022	16:00	20	20		-20	126.8	88.1	16.5	72.9	5761	104.7	98.18
12/15/2022	18:00	20	20		-20	121.4	91.8	15.8	70.4	5723	109.5	98.09
12/15/2022	20:00	20	20		-20	124.5	89.5	16.2	67.3	5755	113.9	98.02
12/15/2022	22:00	20	20		-20	126.8	92.6	16.5	66.1	5682	121.2	97.87
12/15/2022	0:00	20	20		-20	121.4	87.9	15.8	71.3	5678	114.5	97.98
12/16/2022	8:00	20	20		-20	116.8	84.2	15.2	69.5	5592	115.5	97.93
12/16/2022	10:00	20	20		-20	122.2	79.9	15.9	73.1	5539	112.9	97.96

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-3		20		20
MW-5		20		20

Table 1
AFVR Event Data

12/19/2022 - 12/23/2022
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)				Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-17	MW-18			Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
12/19/2022	10:00	6.22	4.83			-22	600.0	73.9	78.1	67.3	5498		100.00
12/19/2022	10:30	6.77	5.33			-22	564.7	79.3	73.5	62.9	14391		100.00
12/19/2022	11:00	7.22	5.83			-22	598.5	88.6	77.9	57.5	15000		100.00
12/19/2022	11:30	7.77	6.33			-22	608.5	95.2	79.2	64.7	15000		100.00
12/19/2022	12:00	8.22	6.83			-22	601.5	99.5	78.3	69.1	15000		100.00
12/19/2022	12:30	8.77	7.33			-22	551.6	97.1	71.8	65.5	15000		100.00
12/19/2022	13:00	9.22	7.83			-22	586.9	101.4	76.4	59.2	15000		100.00
12/19/2022	13:30	9.77	8.33			-22	603.1	99.8	78.5	64.8	15000		100.00
12/19/2022	14:00	10.22	9.33			-22	587.7	102.8	76.5	69.1	15000		100.00
12/19/2022	14:30	10.77	9.83			-22	597.7	103.2	77.8	73.5	15000		100.00
12/19/2022	15:00	11.22	10.33			-22	615.4	101.9	80.1	79.5	15000		100.00
12/19/2022	15:30	11.77	10.83			-22	573.9	103.9	74.7	70.1	15000		100.00
12/19/2022	16:00	12.22	11.33			-22	561.6	105.5	73.1	64.8	15000		100.00
12/19/2022	16:30	12.77	11.83			-22	610.0	106.6	79.4	69.3	15000		100.00
12/19/2022	17:00	12.77	12.33			-22	586.9	104.2	76.4	73.6	15000		100.00
12/19/2022	17:30	12.77	12.83			-22	605.4	100.8	78.8	62.1	15000		100.00
12/19/2022	18:00	12.77	13.33			-22	603.1	101.4	78.5	67.8	15000		100.00
12/19/2022	19:00	12.77	13.83			-22	624.6	103.7	81.3	73.3	15000		100.00
12/19/2022	20:00	12.77	13.83			-22	607.7	101.1	79.1	76.9	15000		100.00
12/19/2022	21:00	12.77	13.83			-22	596.2	97.1	77.6	70.2	15000		100.00
12/19/2022	22:00	12.77	13.83			-22	608.5	96.8	79.2	65.4	15000		100.00
12/19/2022	23:00	12.77	13.83			-22	587.7	98.3	76.5	67.1	15000		100.00
12/19/2022	0:00	12.77	13.83			-22	574.7	95.1	74.8	72.8	15000		100.00
12/20/2022	8:00	12.77	13.83			-22	590.8	92.5	76.9	75.1	15000		100.00
12/20/2022	9:00	12.77	13.83			-22	579.3	63.4	75.4	71.9	15000		100.00
12/20/2022	10:00	12.77	13.83			-22	616.1	66.9	80.2	66.4	15000		100.00
12/20/2022	12:00	12.77	13.83			-22	603.8	74.1	78.6	63.7	15000		100.00
12/20/2022	14:00	12.77	13.83			-22	577.0	75.3	75.1	60.3	15000		100.00
12/20/2022	16:00	12.77	13.83			-22	595.4	79.1	77.5	64.9	15000		100.00
12/20/2022	18:00	12.77	13.83			-22	628.4	81.8	81.8	61.6	15000		100.00
12/20/2022	20:00	12.77	13.83			-22	567.7	78.3	73.9	58.2	15000		100.00
12/20/2022	22:00	12.77	13.83			-22	579.3	79.6	75.4	63.5	15000		100.00
12/20/2022	0:00	12.77	13.83			-22	560.1	74.1	72.9	66.5	15000		100.00
12/21/2022	8:00	12.77	13.83			-22	592.3	72.4	77.1	62.8	15000		100.00
12/21/2022	10:00	12.77	13.83			-22	575.4	63.7	74.9	65.2	15000		100.00
12/21/2022	12:00	12.77	13.83			-22	603.8	66.9	78.6	69.9	15000		100.00
12/21/2022	14:00	12.77	13.83			-22	619.2	69.2	80.6	73.5	15000		100.00
12/21/2022	16:00	12.77	13.83			-22	582.3	74.8	75.8	72.9	15000		100.00
12/21/2022	18:00	12.77	13.83			-22	586.2	73.4	76.3	76.1	15000		100.00
12/21/2022	20:00	12.77	13.83			-22	610.8	73.8	79.5	75.5	15000		100.00
12/21/2022	22:00	12.77	13.83			-22	598.5	75.1	77.9	71.9	15000		100.00
12/21/2022	0:00	12.77	13.83			-22	578.5	72.5	75.3	73.2	15000		100.00
7/22/2022	8:00	12.77	13.83			-22	635.3	69.7	82.7	74.5	15000		100.00
7/22/2022	10:00	12.77	13.83			-22	623.8	64.2	81.2	68.1	15000		100.00
7/22/2022	12:00	12.77	13.83			-22	643.8	69.9	83.8	65.7	15000		100.00
7/22/2022	14:00	12.77	13.83			-22	610.8	75.4	79.5	69.4	15000		100.00
7/22/2022	16:00	12.77	13.83			-22	581.6	78.9	75.7	72.9	15000		100.00
7/22/2022	18:00	12.77	13.83			-22	586.2	77.5	76.3	73.3	15000		100.00
7/22/2022	20:00	12.77	13.83			-22	557.8	79.2	72.6	76.8	15000		100.00
7/22/2022	22:00	12.77	13.83			-22	606.2	76.7	78.9	75.1	15000		100.00
7/22/2022	0:00	12.77	13.83			-22	566.2	77.1	73.7	75.9	15000		100.00
7/23/2022	8:00	12.77	13.83			-22	593.1	74.4	77.2	71.3	15000		100.00
7/23/2022	10:00	12.77	13.83			-22	613.1	68.8	79.8	68.5	15000		100.00

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-17	6.22	4.83		12.51
MW-18		10.78		13.77

Table 1
AFVR Event Data

12/19/2022 - 12/23/2022
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)				Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-14				Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
12/19/2022	10:00	12.18				-7	56.1	73.9	7.3	67.3	13256		100.00
12/19/2022	10:30	12.78				-7	43.8	79.3	5.7	62.9	13211		100.00
12/19/2022	11:00	13.18				-7	57.6	88.6	7.5	57.5	13972		100.00
12/19/2022	11:30	13.78				-7	60.7	95.2	7.9	64.7	13802		100.00
12/19/2022	12:00	14.18				-7	60.7	99.5	7.9	69.1	14492		100.00
12/19/2022	12:30	14.78				-7	57.6	97.1	7.5	65.5	14123		100.00
12/19/2022	13:00	14.78				-7	59.9	101.4	7.8	59.2	14756		100.00
12/19/2022	13:30	14.78				-7	57.6	99.8	7.5	64.8	14825		100.00
12/19/2022	14:00	14.78				-7	63.8	102.8	8.3	69.1	14778		100.00
12/19/2022	14:30	14.78				-7	60.7	103.2	7.9	73.5	14832		100.00
12/19/2022	15:00	14.78				-7	62.2	101.9	8.1	79.5	14119		100.00
12/19/2022	15:30	14.78				-7	59.2	103.9	7.7	70.1	14069		100.00
12/19/2022	16:00	14.78				-7	58.4	105.5	7.6	64.8	14892		100.00
12/19/2022	16:30	14.78				-7	55.3	106.6	7.2	69.3	14811		100.00
12/19/2022	17:00	14.78				-7	59.2	104.2	7.7	73.6	14953		100.00
12/19/2022	17:30	14.78				-7	60.7	100.8	7.9	62.1	14962		100.00
12/19/2022	18:00	14.78				-7	62.2	101.4	8.1	67.8	14730		100.00
12/19/2022	19:00	14.78				-7	57.6	103.7	7.5	73.3	14739		100.00
12/19/2022	20:00	14.78				-7	59.9	101.1	7.8	76.9	14378		100.00
12/19/2022	21:00	14.78				-7	53.0	97.1	6.9	70.2	13921		100.00
12/19/2022	22:00	14.78				-7	56.1	96.8	7.3	65.4	13859		100.00
12/19/2022	23:00	14.78				-7	56.1	98.3	7.3	67.1	13763		100.00
12/19/2022	0:00	14.78				-7	59.2	95.1	7.7	72.8	13353		100.00
12/20/2022	8:00	14.78				-7	63.8	92.5	8.3	75.1	13691		100.00
12/20/2022	9:00	14.78				-7	62.2	63.4	8.1	71.9	13803		100.00
12/20/2022	10:00	14.78				-7	58.4	66.9	7.6	66.4	13781		100.00
12/20/2022	12:00	14.78				-7	55.3	74.1	7.2	63.7	13562		100.00
12/20/2022	14:00	14.78				-7	62.2	75.3	8.1	60.3	13521		100.00
12/20/2022	16:00	14.78				-7	58.4	79.1	7.6	64.9	13271		100.00
12/20/2022	18:00	14.78				-7	55.3	81.8	7.2	61.6	13319		100.00
12/20/2022	20:00	14.78				-7	57.6	78.3	7.5	58.2	13198		100.00
12/20/2022	22:00	14.78				-7	55.3	79.6	7.2	63.5	12876		100.00
12/20/2022	0:00	14.78				-7	63.8	74.1	8.3	66.5	13002		100.00
12/21/2022	8:00	13.5				-7	66.8	72.4	8.7	62.8	12598		100.00
12/21/2022	10:00	13.5				-7	60.7	63.7	7.9	65.2	12512		100.00
12/21/2022	12:00	13.5				-7	66.8	66.9	8.7	69.9	12602		100.00
12/21/2022	14:00	13.5				-7	66.1	69.2	8.6	73.5	12139		100.00
12/21/2022	16:00	13.5				-7	60.7	74.8	7.9	72.9	12153		100.00
12/21/2022	18:00	13.5				-7	66.1	73.4	8.6	76.1	12081		100.00
12/21/2022	20:00	13.5				-7	63.0	73.8	8.2	75.5	12027		100.00
12/21/2022	22:00	13.5				-7	64.5	75.1	8.4	71.9	11919		100.00
12/21/2022	0:00	13.5				-7	59.2	72.5	7.7	73.2	12033		100.00
12/22/2022	8:00	13.5				-7	63.0	69.7	8.2	74.5	11945		100.00
12/22/2022	10:00	14.78				-7	56.9	64.2	7.4	68.1	11783		100.00
12/22/2022	12:00	14.78				-7	59.2	69.9	7.7	65.7	11953		100.00
12/22/2022	14:00	14.78				-7	56.1	75.4	7.3	69.4	11872		100.00
12/22/2022	16:00	14.78				-7	50.7	78.9	6.6	72.9	11814		100.00
12/22/2022	18:00	14.78				-7	53.0	77.5	6.9	73.3	11747		100.00
12/22/2022	20:00	14.78				-7	56.9	79.2	7.4	76.8	11671		100.00
12/22/2022	22:00	14.78				-7	51.5	76.7	6.7	75.1	11751		100.00
12/22/2022	0:00	14.78				-7	59.2	77.1	7.7	75.9	11792		100.00
12/23/2022	8:00	14.78				-7	56.1	74.4	7.3	71.3	11839		100.00
12/23/2022	10:00	14.78				-7	59.9	68.8	7.8	68.5	11618		100.00

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-12	12.18	12.26		14.36

Site Location: Quick Pantry #19

Date: 12/5/2022 – 12/9/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:
Chris Austin

General Weather Conditions:
Rain/Cloudy

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-7	MW-8	MW-9	MW-12		MW-13			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
12/5/2022									
10:00	-19	-20	-18	14.31	-00	13.12	-00		
18:00	-18	-19	-19	14.30	-02	13.10	-02		
24:00	-18	-19	-18	14.35	-02	13.13	-02		
12/6/2022									
8:00	-18	-19	-19	14.43	-01	13.19	-02		
16:00	-20	-20	-19	14.40	-02	13.12	-01		
24:00	-19	-18	-19	14.42	-01	13.13	-01		
12/7/2022									
8:00	-19	-18	-18	14.47	-01	13.15	-02		
16:00	-18	-18	-18	14.49	-01	13.11	-01		
24:00	-18	-18	-17	14.52	-01	13.14	-02		
12/8/2022									
8:00	-18	-18	-20	14.49	-01	13.18	-01		
16:00	-18	-20	-18	14.50	-01	13.20	-01		
24:00	-18	-18	-18	14.48	-01	13.17	-02		
12/9/2022									
8:00	-19	-19	-17	14.53	-01	13.21	-02		
10:00	-19	-18	-18	14.54	-01	13.23	-01		



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table
Quick Pantry #19
1802 S. Main St.
Greenwood, SC
Site ID #04785
12/5/2022 – 12/9/2022

Site Location: Quick Pantry #19

Date: 12/5/2022 – 12/9/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:
Chris Austin

General Weather Conditions:
Rain/Cloudy

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-1	RW-2		MW-2		MW-4			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
12/5/2022									
10:00	-15	-14		20	-00	20			
18:00	-16	-13		20	-02	20			
24:00	-15	-14		20	-03	20			
12/6/2022									
8:00	-14	-14		20	-03	20			
16:00	-14	-14		20	-04	20			
24:00	-14	-14		20	-03	20			
12/7/2022									
8:00	-15	-14		20	-03	20			
16:00	-15	-13		20	-04	20			
24:00	-15	-14		20	-04	20			
12/8/2022									
8:00	-14	-13		20	-04	20			
16:00	-14	-13		20	-03	20			
24:00	-15	-14		20	-03	20			
12/9/2022									
8:00	-15	-14		20	-03	20			
10:00	-14	-13		20	-04	20			

MW-4 in high traffic area and dry.



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table
Quick Pantry #19
1802 S. Main St.
Greenwood, SC
Site ID #04785
12/5/2022 – 12/9/2022

Site Location: Quick Pantry #19

Date: 12/12/2022 – 12/16/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:
Chris Austin

General Weather Conditions:
Rain/Cloudy

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-12	MW-13		MW-7		MW-8			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
12/12/2022									
10:00	-20	-21		15.06	-00	14.81	-00		
16:00	-19	-20		15.04	-01	14.77	-00		
24:00	-19	-21		15.08	-00	14.76	-00		
12/13/2022									
12:00	-18	-18		15.10	-00	14.83	-02		
20:00	-20	-19		15.07	-00	14.81	-00		
24:00	-19	-18		15.06	-01	14.79	-01		
12/14/2022									
12:00	-21	-20		15.02	-01	14.84	-00		
20:00	-22	-19		15.05	-01	14.86	-00		
24:00	-20	-19		15.06	-02	14.83	-00		
12/15/2022									
12:00	-19	-20		15.10	-02	14.86	-02		
20:00	-20	-18		15.15	-01	14.84	-01		
24:00	-19	-19		15.13	-01	14.88	-02		
12/16/2022									
8:00	-18	-20		15.14	-01	14.92	-01		
10:00	-20	-20		15.14	-02	14.90	-01		



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table

Quick Pantry # 19

1802 South Main St.

Greenwood, SC

UST # 04785

12/12/2022 – 12/16/2022

Site Location: Quick Pantry #19

Date: 12/12/2022 – 12/16/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:
Chris Austin

General Weather Conditions:
Cloudy/Rain

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-3	RW-5		MW-4		MW-6			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
12/12/2022									
10:00	-12	-13		20		20	-00		
16:00	-11	-13		20		20	-01		
24:00	-12	-11		20		20	-01		
12/13/2022									
12:00	-12	-12		20		20	-00		
20:00	-12	-13		20		20	-01		
24:00	-12	-13		20		20	-00		
12/14/2022									
12:00	-12	-12		20		20	-02		
20:00	-13	-12		20		20	-01		
24:00	-12	-12		20		20	-00		
12/15/2022									
12:00	-12	-13		20		20	-00		
20:00	-12	-11		20		20	-01		
24:00	-12	-11		20		20	-00		
12/16/2022									
8:00	-11	-13		20		20	-00		
10:00	-11	-12		20		20	-00		

MW-4 IS IN HIGH TRAFFIC AREA.
MW-4 and MW-6 ARE BOTH DRY



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table

Quick Pantry # 19

1802 South Main St.

Greenwood, SC

UST # 04785

12/12/2022 – 12/16/2022

Site Location: Quick Pantry #19

Date: 12/19/2022 – 12/23/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:
Chris Austin

General Weather Conditions:
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-17	MW-18		MW-12		MW-13			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
12/19/2022									
10:00	-15	-19		15.19	-00	13.51	-00		
18:00	-17	-18		15.22	-00	13.53	-01		
24:00	-17	-19		15.21	-02	13.50	-02		
12/20/2022									
8:00	-16	-19		15.18	-01	13.57	-02		
16:00	-16	-19		15.20	-02	13.62	-01		
24:00	-16	-17		15.22	-00	13.65	-02		
12/21/2022									
8:00	-17	-20		15.24	-02	13.69	-01		
16:00	-17	-18		15.28	-01	13.67	-02		
24:00	-18	-18		15.25	-01	13.71	-02		
12/22/2022									
8:00	-17	-18		15.28	-00	13.73	-01		
16:00	-16	-18		15.31	-01	13.77	-02		
24:00	-18	-16		15.29	-00	13.79	-00		
12/23/2022									
8:00	-18	-19		15.35	-00	13.82	-02		
10:00	-18	-20		15.39	-02	13.81	-01		



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table

Quick Pantry # 19

1802 South Main St.

Greenwood, SC

UST # 04785

12/19/2022 – 12/23/2022

Site Location: Quick Pantry #19

Date: 12/19/2022 – 12/23/2022

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:
Chris Austin

General Weather Conditions:
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-14			MW-15		MW-16			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
12/19/2022									
12:00	-7			11.11	-00	11.56	-00		
20:00	-7			11.11	-00	11.54	-00		
24:00	-7			11.12	-00	11.55	-00		
12/20/2022									
12:00	-7			11.12	-00	11.55	-00		
20:00	-7			11.15	-00	11.55	-00		
24:00	-7			11.12	-00	11.55	-00		
12/21/2022									
12:00	-7			11.16	-00	11.58	-00		
20:00	-7			11.15	-00	11.59	-00		
24:00	-7			11.17	-00	11.57	-00		
12/22/2022									
12:00	-7			11.14	-00	11.59	-00		
20:00	-7			11.15	-00	11.55	-00		
24:00	-7			11.15	-00	11.57	-00		
12/23/2022									
8:00	-7			11.18	-00	11.58	-00		
10:00	-7			11.17	-00	11.60	-00		



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table

Quick Pantry # 19

1802 South Main St.

Greenwood, SC

UST # 04785

12/19/2022 – 12/23/2022

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

12/5/22 through 12/9/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 12612.04$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 13460.74$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 53842.98$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 26865.56$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001677$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 46.26415$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{53.54166 \text{ lbs of emissions per hour}}$$

822.3999 Gallons of emissions per 96 hours

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

12/5/22 though 12/9/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 14649.25$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 15635.04$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 62540.17$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 31205.13$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001948$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 11.94814$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{13.82762 \text{ lbs of emissions per hour}}$$

212.3922 Gallons of emissions per 96 hours

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

12/12/22 - 12/16/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 12927.6$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 13797.55$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 55190.18$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 27537.77$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001719$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 49.54629$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{57.34009 \text{ lbs of emissions per hour}}$$

880.7438 Gallons of emissions per 96 hours

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

12/12/22 - 12/16/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 6646.472$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 7093.735$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 28374.94$$

$$C_{c:m} = \text{PPM}_c(M_c/K_3) = 14158$$

$$C_c = C_{c:m}(62.43 \times 10^{-9}) = 0.000884$$

$$\text{PMR}_c = C_c(Q_{\text{std}})(60) = 5.649912$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g/M_{cg}) = \mathbf{6.538662 \text{ lbs of emissions per hour}}$$

100.4338 Gallons of emissions per 96 hours

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

12/19/22 - 12/23/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 14809.23$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 15805.79$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 63223.15$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 31545.91$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001969$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 63.84947$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{73.8932 \text{ lbs of emissions per hour}}$$

1135 Gallons of emissions per 96 hours

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

12/19/22 - 12/23/22

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 13254.13$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 14146.05$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 56584.19$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 28233.32$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001763$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 5.667672$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{6.559216 \text{ lbs of emissions per hour}}$$

100.7496 Gallons of emissions per 96 hours

QUOTATION #7504 Rev-2

October 3, 2013

Mark Keller
KLM Environmental (843) 870-4285

Re: 500 CFM Thermal Oxidizer No VES



500-CFM Thermal Oxidizer General Specifications

Baker Furnace, Inc. is pleased to present this proposal to **KLM Environmental** for a Gas Fired 500-CFM Thermal Oxidizer System. This Oxidizer would be constructed as a “turnkey” system ready for operation and would have all the necessary instrumentation and controls to meet applicable Air Quality Standards. We are sure you will find our quality, value and services exceptional!

One (1) Gas Fired Thermal Oxidizer sized for 500 *SCFM*. Trailer Mounted System includes an FM Approved Flame Arrester, Air Pressure Switch, Pitot Tube with Pressure Transmitter, Carbon Steel Shell Insulated with High Temperature Insulation, U.L Classified Nema 4 Control Panel, Eclipse Package Burner with integrated combustion blower, Fully Modulating FM Fuel Train, and misc. Wiring and Piping.

500 SCFM Thermal/Catalytic Oxidizer Technical Specifications

Parameter	Thermal Mode
Destruction Efficiency	99%+
Operating Temperature	1450 Degrees F
Supplemental Fuel	Propane or Natural Gas
Maximum Concentration to Oxidizer	50% of LEL
Combustion Burner	Eclipse Ratio Air 1.5mm btu
Vacuum available	VES By Others
Stack Height (Discharge height)	Min. 13.5 feet from ground
Exit Velocity (No Rain Cap)	600 feet/min
Chart Recorder Measurements (3)	Temp In-Out & Flow
Overall Dimensional Footprint	7' x 11'L
Approximate Shipping Weight	5,500 lbs.
Inlet Pipe size for VES.	4" N.P.T.
Inlet pipe size for Supplemental Fuel	1" N.P.T.
Inlet Gas pressure required	5 PSI (Medium Pressure)
Fuel Supply Requirement (at meter)	1000 ft ³ /hr.
Electrical Service	120/240 VAC 1Ø
Dilution Air Blower	500 CFM Max
Residence Time for Vapors Oxidized	1-second residence time.



KLM Environmental, LLC

Phase I-Phase II- Underground Storage Tanks-Soil & Water Sampling- Well Installation
PO Box 2704 843-870-4285 Phone
Goose Creek, SC 29445 843-797-1893 Fax

January 29, 2016

Mr. John Bryant
SCDHEC – BUSTM
2600 Bull Street
Columbia, S.C. 29201

Re: Volume determination for vacuum truck

Mr. Bryant,

KLM uses a tank gauging stick along with a tank specific volume chart to determine the volume of liquid in the tanks on our vacuum trucks prior to each disposal. KLM has three different vacuum trucks, a 3,000 gallon Peter Built, a 3,700 gallon Volvo, and a 2,400 gallon Freightliner. Each truck has a specific chart to correlate inches of water in the tank to gallons of water in the tank. A copy of these charts are included.

The procedure is as follows. The truck operator parks the truck on level ground, gets out of the truck and climbs up the ladder on the side of the truck. He then walks down the catwalk fixed on the tank to the access port. The operator then opens the access port on the top of the tank and lowers a wooden tank gauging stick into the tank until it reaches the bottom. A picture of a typical tank gauging stick is included. The operator then pulls the stick out of the tank and looks for the water line to determine how many inches of water are in the tank. The operator then uses the chart to determine how many gallons of water are in the tank. Once the volume is determined using the chart associated with the particular truck he is driving, a manifest is filled out and the load is disposed of at the disposal facility.

If you have any questions or need anything else, please let me know.

Sincerely,

KLM Environmental, LLC

Micah Bennett, PG
Vice President

Enclosures: Tank gauging stick photo, Truck specific tank volume charts

Freightliner Tank Chart

0.5	2.07	18	454.52
1	5.90	18.5	472.95
1.5	10.89	19	491.57
2	16.84	19.5	510.36
2.5	23.60	20	529.33
3	31.	20.5	548.46
3.49	39.27	21	567.75
4	48.06	21.5	587.19
4.5	57.42	22	606.78
5	67.32	22.5	626.51
5.5	77.74	23	646.38
6	88.64	23.5	666.38
6.5	100.00	24	686.50
6	111.80	24.5	706.74
7.5	124.028	25	727.09
8	136.64	25.5	747.55
8.5	149.65	26	768.11
9	163.03	26.5	788.77
9.5	176.77	27	809.52
10	190.86	27.5	830.35
10.5	205.27	27	851.27
11	220.01	28.5	872.26
11.5	235.0	29	893.32
12	250.406	29.5	914.45
12.5	266.04	30	935.63
13	281.95	30.5	956.87
13.5	298.133	30	978.16
13	314.576	31.5	999.50
14.5	331.274	32	1020.87
15	348.21	32.5	1042.28
15.5	365.38	33	1063.72
16	382.78	33.5	1085.18
16.5	400.40	34	1106.67
17	418.24	34.5	1128.16
17.5	436.28	35	1149.67

Freightliner Tank Chart

35.5	1171.18	53	1887.85
36	1192.70	53.5	1906.09
36.5	1214.21	54	1924.13
37	1235.70	54.5	1941.96
37.5	1257.19	55	1959.59
38	1278.65	55.5	1976.99
38.5	1300.09	55.	1994.16
39	1321.50	56.5	2011.10
39.5	1342.87	57	2027.80
40	1364.2	57.5	2044.24
40.5	1385.50	58	2060.42
41	1406.74	58.5	2076.33
41.5	1427.92	59	2091.97
42	1449.05	59.5	2107.31
42.5	1470.1	60	2122.36
43	1491.10	60.5	2137.09
43.5	1512.02	61	2151.51
44	1532.85	61.5	2165.59
44.5	1553.60	62	2179.33
45	1574.26	62.5	2192.72
45.5	1594.82	63	2205.73
46	1615.28	63.5	2218.35
46.5	1635.63	64	2230.57
47	1655.87	64.5	2242.37
47.5	1675.99	65	2253.73
48	1695.99	65.5	2264.63
48.5	1715.85	66	2275.05
49	1735.59	66.5	2284.95
49.5	1755.18	67	2294.31
50	1774.62	67.5	2303.10
50.50	1793.91	68	2311.27
51	1813.04	68.5	2318.77
51.5	1832.01	69	2325.53
52	1850.80	69.5	2331.48
52.5	1869.42	70	2336.47

VOLVO PRESVAC VOLUME CALCULATIONS

Inches	Volume (Gallons)	Inches	Volume (Gallons)	Inches	Volume (Gallons)
0.5	3.21	15.5	553.90	30.5	1446.65
1	9.13	16	580.14	31	1478.91
1.5	16.82	16.5	606.71	31.5	1511.26
2	25.96	17	633.59	32	1543.68
2.5	36.33	17.5	660.78	32.5	1576.18
3	47.81	18	688.27	33	1608.74
3.5	60.30	18.5	716.05	33.5	1641.35
4	73.72	19	744.10	34	1674.01
4.5	88.00	19.5	772.42	34.5	1706.72
5	103.08	20	801.01	35	1739.46
5.5	118.94	20.5	829.84	35.5	1772.23
6	135.51	21	858.92	36	1805.03
6.5	152.77	21.5	888.23	36.5	1837.84
7	170.68	22	917.77	37	1870.66
7.5	189.22	22.5	947.52	37.5	1903.49
8	208.36	23	977.48	38	1936.31
8.5	228.08	23.5	1007.64	38.5	1969.12
9	248.34	24	1037.99	39	2001.92
9.5	269.14	24.5	1068.53	39.5	2034.69
10	290.44	25	1099.24	40	2067.43
10.5	312.24	25.5	1130.13	40.5	2100.14
11	334.52	26	1161.17	41	2132.80
11.5	357.25	26.5	1192.37	41.5	2165.42
12	380.43	27	1223.72	42	2197.97
12.5	404.03	27.5	1255.20	42.5	2230.47
13	428.05	28	1286.82	43	2262.89
13.5	452.47	28.5	1318.56	43.5	2295.24
14	477.28	29	1350.43	44	2327.50
14.5	502.46	29.5	1382.40	44.5	2359.68
15	528.01	30	1414.47	45	2391.75

Inches	Volume (Gallons)
45.5	2423.73
46	2455.59
46.5	2487.33
47	2518.95
47.5	2550.43
48	2581.78
48.5	2612.98
49	2644.03
49.5	2674.91
50	2705.62
50.5	2736.16
51	2766.51
51.5	2796.67
52	2826.63
52.5	2856.39
53	2885.92
53.5	2915.23
54	2944.31
54.5	2973.14
55	3001.73
55.5	3030.055
56	3058.11
56.5	3085.88
57	3113.37
57.5	3140.56
58	3167.45
58.5	3194.015
59	3220.25
59.5	3246.14
60	3271.69

Inches	Volume (Gallons)
60.5	3296.87
61	3321.68
61.5	3346.10
62	3370.12
62.5	3393.72
63	3416.90
63.5	3439.63
64	3461.91
64.5	3483.71
65	3505.02
65.5	3525.81
66	3546.08
66.5	3565.79
67	3584.93
67.5	3603.47
68	3621.38
68.5	3638.64
69	3655.22
69.5	3671.07
70	3686.16
70.5	3700.43
71	3713.85
71.5	3726.34
72	3737.82
72.5	3748.20
73	3757.33
73.5	3765.02
74	3770.94
74.5	3774.16

Keith Huber Corp.

Stick Chart

Tank Volume Versus Liquid Depth

Serial Number

ESD30208146003D		Tank Diameter		76	
		Tank Length (Includes Straight Flanges)		137	
		Shell Thickness		0.3125	
		Total Tank Volume		2723.827253	
		Volume In Each Head		158.3308891	
		Total Gallons		3040.489032	
Inch	Gallons	Inch	Gallons	Inch	Gallons
1	7.217505372	27	966.48635	53	2299.3959
2	20.48481111	28	1016.8163	54	2346.3769
3	37.65302097	29	1067.5812	55	2392.5938
4	57.96052167	30	1118.7348	56	2437.9922
5	81	31	1170.2311	57	2482.516
6	106.3463786	32	1222.0245	58	2526.1068
7	133.8868258	33	1274.0701	59	2569
8	163.3985074	34	1326.3229	60	2610.2443
9	194.7294075	35	1378.7386	61	2650.6607
10	227.7497412	36	1431.2727	62	2689.8825
11	262.3460638	37	1483.8812	63	2727.8342
12	298.4173305	38	1536.52	64	2764.4346
13	335.8721483	39	1589.1451	65	2799.5953
14	374.6267953	40	1641.7123	66	2833.2192
15	414.6037517	41	1694.1776	67	2865.1979
16	455.7305851	42	1746.4967	68	2895.4082
17	497.9390875	43	1798.6252	69	2923.7074
18	541.1645952	44	1850.5184	70	2949.9252
19	585.3454443	45	1902.1314	71	2973.851
20	630.42253	46	1953.4189	72	2995.211
21	676.3389435	47	2004.335	73	3013.6224
22	723.0396711	48	2054.8335	74	3028.4784
23	770.4713419	49	2105	75	3039
24	818.5820132	50	2154.3897	76	#NUM!
25	867.3209875	51	2203.3515	77	#NUM!
26	916.6386547	52	2251.7036		

Nozzle openings, baffles and other tank components may cause a slight variance in tank capacity. Therefore, Keith Huber Corp. does not guarantee the accuracy of this chart.

APPENDIX D

Field Screening Logs

APPENDIX E

Well Logs

APPENDIX F

Aquifer Calculations

**Passive Free Product Recovery Monitoring
Groundwater Data (feet)
Quick Pantry # 19
Greenwood, SC**

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	FP Recovered
MW-1	2/2/23	623.56	X-28.5	/	17.29 17.29	/	150 ml 250 ml
MW-2	↓	623.38	10-20	/	17.34	/	150 ml
MW-4		623.30	10-20	/	17.22	/	100 ml
MW-8		615.10	5-15	/	9.71	/	250 ml
MW-9		615.58	7.5-17.5	/	8.78	/	100 ml
MW-12		611.62	7-17	/	8.24	/	150 ml
MW-13		610.45	5-15	/	6.67	/	100 ml
MW-14		608.36	5-15	/	6.32	/	100 ml
MW-18		604.03	4-14	/	3.41	/	150 ml
RW-1		624.54	10-20	/	19.39	/	400 ml
RW-2		623.44	10-20	/	17.54	/	650 ml
RW-3		623.34	10-20	/	17.29	/	550 ml

Passive Free Product Recovery Monitoring
Groundwater Data (feet)
Quick Pantry # 19
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	FP Recovered
MW-1	1/19/23	623.56	X-28.5	18.31	18.32	0.01	300 mL
MW-2	1/19/23	623.38	10-20	/	18.51	/	300 mL
MW-4	1/19/23	623.30	10-20	/	18.85	/	150 mL
MW-8	1/19/23	615.10	5-15	11.11	11.12	0.01	300 mL
MW-9	1/19/23	615.58	7.5-17.5	/	10.51	/	50 mL
MW-12	1/19/23	611.62	7-17	/	9.62	/	150 mL
MW-13	1/19/23	610.45	5-15	/	8.35	/	100 mL
MW-14	1/19/23	608.36	5-15	/	7.92	/	100 mL
MW-18	1/19/23	604.03	4-14	/	5.02	/	200 mL
RW-1	1/19/23	624.54	10-20	/	19.59	/	350 mL
RW-2	1/19/23	623.44	10-20	/	18.81	/	800 mL
RW-3	1/19/23	623.34	10-20	/	18.59	/	450 mL

**Passive Free Product Recovery Monitoring
Groundwater Data (feet)
Quick Pantry # 19
Greenwood, SC**

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	FP Recovered
MW-1	1/5/23	623.56	X-28.5	19.16	19.87	0.01	500 mL
MW-2	1/5/23	623.38	10-20	—	19.29	—	150 mL
MW-4	1/5/23	623.30	10-20	—	19.40	—	100 mL
MW-8	1/5/23	615.10	5-15	11.31	11.36	0.05	500 mL
MW-9	1/5/23	615.58	7.5-17.5	—	9.61	—	100 mL
MW-12	1/5/23	611.62	7-17	—	10.17	—	150 mL
MW-13	1/5/23	610.45	5-15	—	8.13	—	150 mL
MW-14	1/5/23	608.36	5-15	—	7.69	—	150 mL
MW-18	1/5/23	604.03	4-14	—	5.03	—	325 mL
RW-1	1/5/23	624.54	10-20	—	19.87	—	50 mL
RW-2	1/5/23	623.44	10-20	—	19.53	—	500 mL
RW-3	1/5/23	623.34	10-20	—	19.38	—	400 mL

**Passive Free Product Recovery Monitoring
Groundwater Data (feet)
Quick Pantry # 19
Greenwood, SC**

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	FP Recovered
MW-1	12/23/22	623.56	X-28.5	19.72	19.96	0.24	
MW-2	12/23/22	623.38	10-20	18.21	18.24	0.03	
MW-4	12/23/22	623.30	10-20	—	Dry	—	
MW-8	12/23/22	615.10	5-15	13.53	13.61	0.08	
MW-9	12/23/22	615.58	7.5-17.5	13.18	13.19	0.01	
MW-12	12/23/22	611.62	7-17	11.93	12.21	0.28	
MW-13	12/23/22	610.45	5-15	10.57	10.59	0.02	
MW-14	12/23/22	608.36	5-15	13.98	14.01	0.03	
MW-18	12/23/22	604.03	4-14	13.64	13.68	0.04	
RW-1	12/23/22	624.54	10-20	—	Dry	—	
RW-2	12/23/22	623.44	10-20	—	Dry	—	
RW-3	12/23/22	623.34	10-20	—	Dry	—	

APPENDIX G

Disposal Manifest

US Water Recovery

Non-Hazardous Manifest: Waste Water or Drums		Number:	
1. Generator's EPA ID# (if applicable):		Waste ID Number:	
2. Generator's Name and Mailing Address: <i>Quick Pastry 19</i>		Phone ()	
<i>Greenwood SC</i>		P O #:	
3. Agent of Generator and Mailing Address: <i>KLM ENV</i>		Phone ()	
		P O #:	
4. Transporter Company Name: <i>KLM ENV</i>		Phone ()	
Truck & Trailer License Number:			
5. Transporter U.S. EPA ID#:			
6. Facility Name and Site Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445		Mailing Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445	
		Phone: (843) 797-3111 Fax: (843) 797-1884	
7. Facility U.S. EPA ID#:			
Start Level:	End Level:	Total Gallons:	Tank Number
8. U.S. DOT Description		Container	Unit
		No.	Type
a. Non-Hazardous, non-regulated waste water			
<i>Quick Pastry 19</i>			<i>3028 gals (74")</i>
9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.			
Printed/Typed Name: <i>Gary Laws</i>		Signature: <i>[Signature]</i>	
		Date: <i>12-20-22</i>	
10. Transporter Acknowledgement of Receipt of Materials			
Printed/Typed Name: <i>Gary Laws</i>		Signature: <i>[Signature]</i>	
		Date: <i>12-20-22</i>	
11. Discrepancy Indication space:			
12. Facility Owner or Operator: Certification of Receipt of Materials			
Printed/Typed Name: <i>David Ward</i>		Signature: <i>[Signature]</i>	
		Date: <i>12-20-22</i>	

White - Facility Yellow - Office Pink - Transporter Blue - Generator

Dec 20, 2022 7:44:07 AM

150 Saint Charles Way
Goose Creek

Berkeley County
South Carolina



US Water Recovery

Non-Hazardous Manifest: Waste Water or Drums		Number:	
1. Generator's EPA ID# (if applicable):		Waste ID Number:	
2. Generator's Name and Mailing Address: <i>Quick Party 19</i>		Phone ()	
<i>Goose Creek SC</i>		P O #:	
3. Agent of Generator and Mailing Address: <i>KLM ENV</i>		Phone ()	
		P O #:	
4. Transporter Company Name: <i>KLM ENV</i>		Phone ()	
Truck & Trailer License Number:			
5. Transporter U.S. EPA ID#:			
6. Facility Name and Site Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445		Mailing Address: US Water Recovery 511 Old Mt. Holly Rd. Goose Creek, SC 29445	Phone: (843) 797-3111 Fax: (843) 797-1884
7. Facility U.S. EPA ID#:			
Start Level:	End Level:	Total Gallons:	Tank Number
8. U.S. DOT Description	Container	Unit	Quantity
	No.	Type	
a. Non-Hazardous, non-regulated waste water			
<i>Quick Party 19</i>			<i>3312 gals</i>
9. Generator's Certification: I hereby declare that the contents of this consignment are not hazardous by definition or listing and are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina. I further certify that the contents of this consignment are as represented by the description contained on the Waste Profile Form previously submitted to and approved by the Designated Facility.			
Printed/Typed Name: <i>Gary Long</i>	Signature: <i>[Signature]</i>	Date: <i>12-23-22</i>	
10. Transporter Acknowledgement of Receipt of Materials			
Printed/Typed Name: <i>Gary Long</i>	Signature: <i>[Signature]</i>	Date: <i>12-23-22</i>	
11. Discrepancy Indication space:			
12. Facility Owner or Operator: Certification of Receipt of Materials			
Printed/Typed Name: <i>Dan Wark</i>	Signature: <i>[Signature]</i>	Date: <i>12-23-22</i>	

White - Facility Yellow - Office Pink - Transporter Blue - Generator

Dec 23, 2022 5:18:07 PM

150 Saint Charles Way
Goose Creek

Berkeley County
South Carolina



LIQUID LEVEL

33.12

SEELLEVEL SPECIAL

GARNET

MADE IN CANADA

APPENDIX H

Zoning Information

APPENDIX I

Fate and Transport Modeling

APPENDIX J

Access Agreements

APPENDIX K

Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	✓		
2	Is UST Owner/Operator name, address, & phone number provided?	✓		
3	Is name, address, & phone number of current property owner provided?	✓		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	✓		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			✓
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?			✓
7	Has the facility history been summarized?	✓		
8	Has the regional geology and hydrogeology been described?			✓
9	Are the receptor survey results provided as required?			✓
10	Has current use of the site and adjacent land been described?	✓		
11	Has the site-specific geology and hydrogeology been described?			✓
12	Has the primary soil type been described?			✓
13	Have field screening results been described?			✓
14	Has a description of the soil sample collection and preservation been detailed?			✓
15	Has the field screening methodology and procedure been detailed?			✓
16	Has the monitoring well installation and development dates been provided?			✓
17	Has the method of well development been detailed?			✓
18	Has justification been provided for the locations of the monitoring wells?			✓
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	✓		
20	Has the groundwater sampling methodology been detailed?	✓		
21	Have the groundwater sampling dates and groundwater measurements been provided?	✓		
22	Has the purging methodology been detailed?			✓
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?			✓
24	If free-product is present, has the thickness been provided?	✓		
25	Does the report include a brief discussion of the assessment done and the results?	✓		
26	Does the report include a brief discussion of the aquifer evaluation and results?			✓
27	Does the report include a brief discussion of the fate & transport models used?			✓

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			✓
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			✓
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)	✓		✓
31	Have recommendations for further action been provided and explained?	✓		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			✓
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)			✓
34	Has the current and historical laboratory data been provided in tabular format?			✓
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			✓
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			✓
37	Has the topographic map been provided with all required elements? (Figure 1)	✓		
38	Has the site base map been provided with all required elements? (Figure 2)	✓		✓
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)			✓
40	Has the site potentiometric map been provided? (Figure 5)			✓
41	Have the geologic cross-sections been provided? (Figure 6)			✓
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			✓
43	Has the site survey been provided and include all necessary elements? (Appendix A)	✓		
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)			✓
45	Is the laboratory performing the analyses properly certified?			✓
46	Has the tax map been included with all necessary elements? (Appendix C)			✓
47	Have the soil boring/field screening logs been provided? (Appendix D)			✓
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)			✓
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			✓
50	Have the disposal manifests been provided? (Appendix G)	✓		✓
51	Has a copy of the local zoning regulations been provided? (Appendix H)			✓
52	Has all fate and transport modeling been provided? (Appendix I)			✓
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			✓
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	✓		

Explanation for missing and incomplete information?

Document Receipt Information

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Permit Number 04785

Project Manager Reed Miner

Name of Contractor KLM Env

Docket Title Monitoring Report

Document Number 173 tech

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MONITORING REPORT
Quick Pantry # 19
Greenwood, South Carolina
Site ID# 04785



KLM Environmental, LLC

Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation
PO Box 2704
Goose Creek, SC 29445
843-870-4285 Phone
843-797-1893 Fax

February 27th, 2023

Prepared for:

Mr. Read Miner, PG
Remediation Section
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2600 Bull Street
Columbia, SC 29201

Prepared by:


KLM Environmental, LLC.
PO Box 2704
Goose Creek, SC 29445
(843) 870-4285
UST Contractor # 345

Project # 21547.4 February 2023

SIGNATURE PAGE

This report entitled "**MONITORING REPORT**" for **Quick Pantry # 19** has been prepared at the request of and for the exclusive use of the South Carolina Department of Health and Environmental Control. It has been prepared and reviewed by the undersigned.

Prepared By:



Graham P. Robinson
Hydrogeologist

Reviewed By:



Mark L. Keller, PG
President

2 / 27 / 2023

Date



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1.0 INTRODUCTION

The Quick Pantry # 19 site is located at 1802 South Main Street in Greenwood, South Carolina. A general site location map is provided as Figure 1 in Appendix A. Due to the large area needed for mapping, the site map has been split into Site Map One shown as Figure 2, and Site Map Two as Figure 2b. The property owner is SMVS Real Estate, LLC located at 1802 South Main Street in Greenwood, SC 29646. The UST responsible party is Bahuchar Mata, LLC located at 311 Oakmonte Circle in Greenwood, SC 29649; phone 864-378-6993. KLM Environmental is the Certified UST Site Rehabilitation Contractor performing the work (Certification # 345). KLM's address is PO Box 2704, Goose Creek, SC 29445; phone 843-870-4285. Analytical Environmental Services, Inc. is the certified laboratory used to analyze the samples for this work (Certification # 98016003). AES's main address is 3080 Presidential Drive, Atlanta, GA 30340, phone # 770-457-8177.

The Quick Pantry # 19 site is an active gasoline station surrounded by residential and commercial property. This site is zoned General Commercial by Greenwood County. A copy of the zoning information can be found on the Greenwood County website. The site currently contains three underground storage tanks consisting of two 4,000-gallon gasoline tanks and one 5,000-gallon gasoline tank. The 4,000-gallon tanks are in use, but the 5,000-gallon gasoline tank has been abandoned in place due to a failed tank tightness test in February of 2021. There are two dispensers associated with these tanks. The investigation of this site was prompted by reports of a petroleum smell near the housing complex on Foundry Road. The release was reported on March 9th, 2021 in response to a failed tank tightness test and the presence of free product around the tank pit. KLM Environmental was tasked with the emergency abatement of the release, and abatement actions were initiated by shutting down the leaking tank and installing a skimming system of oil-absorbent booms to catch the petroleum on the creek's surface. After the installation of the boom system, KLM Environmental began a series of long duration Aggressive Fluid and Vapor Recovery (AFVR) events along with coordination with the SCDHEC for the Tier II Assessment. A new release was reported on September 28th, 2021 by KLM Environmental after a fuel drop was completed in the previously failed UST. Corrective actions for that release are being conducted in conjunction with Release #1.

The subject site is primarily underlain by a sand clay mixture that transitions from sandy loam to clay loam and is further underlain by Charlotte Terrane meta-igneous rocks.

For a list of all previous work on this site, please refer to Section 4.0 of this report. This report serves to provide the results from the comprehensive sampling event conducted at the site as requested by the SCDHEC Project Manager.

2.0 ASSESSMENT INFORMATION

2.1 Groundwater Sampling

Figure 2 in Appendix A serves as the comprehensive site map showing the locations of the twenty-five monitoring wells, four telescoping deep wells, three recovery wells, six surface waters, and the interception trench.

KLM personnel mobilized to the site on February 7th 2023 to sample all wells associated with the Quick Pantry # 19 site. Samples were collected under the free product line in wells containing free product, and purging was performed on any wells that did not bracket the water table as directed by the SCHDEC Project Manager. A minimum of three well volumes were attempted to be purged from those wells prior to sample collection using an electric purge pump. The purge pump and hose were decontaminated between wells with a triple station rinse as outlined in the QAPP. Immediately after well purging was completed, groundwater samples were collected using disposable bottom entry sampling bailers, decanted into sterile glass sample containers provided by the analytical laboratory, and preserved in accordance with United States Environmental Protection Agency (USEPA) sampling protocol. Standard field parameters (pH, specific conductivity, temperature, dissolved oxygen, salinity, and turbidity) were measured with the Horiba U-52 (serial # W22MV13L) and recorded for each sample during well purging or at the time of collection. The Horiba U-52 was calibrated with Horiba 100-4 standard solution prior to use and the calibration records are recorded on the calibration sheet which are included in Appendix B. Following collection in the field, the groundwater samples were packed on wet ice in coolers supplied by the laboratory. Sample coolers were stored in a refrigerator to reduce ice melt until the sample coolers could be shipped to Analytical Environmental Services (SCDHEC Certification # 98016003) and analyzed for Benzene, Toluene, Ethylbenzene, total Xylenes (BTEX), Methyl-tert Butyl Ether (MTBE), Naphthalene, 1,2 DCA, 8 Oxygenates, and EDB. Analytical results are provided in Tables 1 and 1B, and in Appendix B. Field sampling sheets are provided in Appendix B. A map is provided as Figure 3 in Appendix A showing the sample results along with the well locations, as well as the general locations of the surface water samples. A disposal manifest for 94.5 gallons of contaminated purge water is provided in Appendix G. Results for all wells sampled are as follows:

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	16000	38000	3100	16000	1300	<2500	<500	<0.021	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	25000	46000	3600	20000	3900	<2500	<500	<0.020	NS
	2/7/23	11000	30000	3300	16000	1400	870	<50	<0.020	NS
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	19000	48000	3500	18000	1000	<2500	<500	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	22000	56000	3500	17000	730	470	<50	<0.020	NS
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8800	32000	2300	16000	<50	530	<50	<0.020	NS
	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	8900	38000	2500	18000	<50	630	<50	<0.020	NS
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	22000	59000	3800	33000	2700	560	<100	0.767	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	6100	21000	1800	13000	2100	670	<50	0.535	NS
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	12000	33000	2800	14000	<1.0	410	<1.0	<0.020	NS
	8/24/22	2600	3500	350	9700	<100	<500	<100	<0.020	NS
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	2900	1800	180	4400	<1.0	200	<1.0	<0.020	NS
MW-6	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	5.23
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/24/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020	NS
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	5700	17000	1700	10000	180	310	<50	<0.020	NS
	8/24/22	1200	2200	210	2800	32	110	<1.0	<0.020	NS
	11/2/22	3000	4300	580	4100	69	170	<1.0	<0.020	NS
	2/7/23	5600	18000	1700	9800	190	430	<10	<0.020	NS
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	17000	38000	3000	17000	860	<2500	<500	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	5000	27000	3400	18000	110	720	<50	<0.020	NS

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8500	26000	3100	14000	<50	470	<50	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	8900	22000	2100	12000	<10	560	<10	<0.020	NS
	2/7/23	9300	27000	390	14000	<10	260	<10	<0.020	NS
MW-10	8/26/21	1.5	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-11	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	14000	35000	3500	17000	140	530	<50	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	12000	21000	2500	13000	220	500	<10	<0.020	NS
	2/7/23	6000	16000	1600	10000	95	400	<10	<0.020	NS
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	1800	11000	1400	8100	<1.0	260	<1.0	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	9400	21000	2100	11000	130	570	<1.0	<0.020	NS
	2/7/23	27	110	14	230	<1.0	18	<1.0	<0.020	NS
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	2900	10000	1600	9700	<50	660	<50	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	1800	6800	940	4900	<10	290	<10	<0.020	NS
	2/7/23	3500	16000	1700	10000	<10	700	<10	<0.020	NS
MW-15	9/2/21	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.4	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-16	9/2/21	51	130	32	160	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	2.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	20	1.4	<1.0	2.9	120	<5.0	<1.0	<0.020	NS
	8/23/22	9.4	<1.0	<1.0	<1.0	120	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	<1.0	<1.0	130	<5.0	<1.0	<0.020	NS
	2/7/23	15	<1.0	<1.0	<1.0	110	<5.0	<1.0	<0.020	NS
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	13000	31000	2900	15000	500	820	<50	<0.020	NS
	8/23/22	9300	19000	3100	21000	840	1400	<100	<0.020	NS
	11/2/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	2/7/23	11000	33000	2600	15000	280	820	<10	<0.020	NS
MW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	4.3	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	710	15000	3700	16000	<50	790	<50	<0.020	NS
MW-20	9/2/21	2200	23	2.2	54	140	86	<1.0	<0.020	<1.00
	5/04/22	900	2.8	2.3	3.0	150	18	<1.0	<0.020	NS
	8/23/22	2700	4.2	6.6	34	590	95	<1.0	<0.020	NS
	11/3/22	940	<1.0	<1.0	1.1	540	23	<1.0	<0.021	NS
	2/7/23	400	4.8	2.7	16	380	10	<1.0	<0.020	NS
MW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-22	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
MW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	37	<1.0	4.5	6.3	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	2/7/23	270	170	110	290	<1.0	7.2	<1.0	<0.020	NS
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	18000	46000	3600	18000	1200	560	<100	<0.020	NS
	8/24/22	15000	51000	3900	21000	1300	560	<100	<0.020	NS
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	22000	52000	3100	21000	2700	670	<100	<0.020	NS
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	370000	1700000	270000	1400000	9700	100000	<5000	<0.109	NS
	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	35000	72000	<5000	17000	<5000	<25000	<5000	<0.021	NS
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8000	18000	2300	14000	1500	700	<100	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	24000	50000	2700	15000	3100	590	<50	<0.020	NS
DW-1	8/26/21	2.1	4.8	5.0	25	3.2	<5.0	<1.0	<0.020	<1.00
	5/04/22	35	66	3.2	29	13	<5.0	<1.0	<0.020	NS
	8/23/22	48	110	3.1	22	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	15	19	<1.0	4.4	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	4.7	15	<1.0	5.0	<1.0	<5.0	<1.0	<0.020	NS
DW-2	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
DW-3	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	<1.00
	5/04/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	1.2	8.7	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
DW-4	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	2.6	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	5.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	1.5	12	12	<5.0	<1.0	<0.021	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	25	<5.0	<1.0	<0.020	NS

TABLE 1 Cont.
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
SW-1	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	2.06
	5/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
SW-2	9/2/21	4.7	<1.0	<1.0	2.1	<1.0	<5.0	<1.0	<0.020	30.2
	5/05/22	3200	6100	510	2500	6.5	30	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	1500	2700	160	920	4.2	16	<1.0	<0.020	NS
SW-3	9/2/21	3.2	2.1	<1.0	3.6	<1.0	<5.0	<1.0	<0.020	93.1
	5/05/22	4500	6700	490	3000	68	95	<1.0	<0.020	NS
	8/23/22	32	110	27	210	<1.0	7.7	<1.0	<0.020	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	590	980	54	380	6.4	7.4	<1.0	<0.020	NS
SW-4	9/2/21	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	5/05/22	180	170	8.4	190	15	8.9	<1.0	<0.020	NS
	8/23/22	<1.0	1.4	<1.0	7.4	<1.0	<5.0	<1.0	<0.021	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	330	550	24	210	5.1	<5.0	<1.0	<0.020	NS
SW-5	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	16.8
	5/05/22	3.8	12	1.5	130	1.7	8.8	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	11/3/22	<1.0	1.2	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	48	120	7.7	160	1.4	5.5	<1.0	<0.020	NS
SW-6	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	6.53
	5/05/22	<1.0	<1.0	<1.0	2.6	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
QA / QC Data										
Duplicate 1 (MW-13)	2/7/23	29	130	17	270	<1.0	21	<1.0	<0.020	NS
Duplicate 2 (MW-7)	2/7/23	5600	18000	1600	9800	190	410	<10	<0.020	NS
Equipment Blank 1	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Field Blank 1	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Trip Blank 1	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
Trip Blank 2	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	2/7/23	<500	<500	3300	<5000	7600	<5000	<5000	<5000
MW-2	2/7/23	<500	<500	4700	<5000	42000	<5000	<5000	<5000
MW-3	2/7/23	<500	<500	860	<5000	30000	<5000	<5000	<5000
MW-4	2/7/23	<500	<500	2600	<5000	5900	<5000	<5000	<5000
MW-5	2/7/23	<10	30	230	<100	1400	<100	<100	<100
MW-6	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	2/7/23	<100	<100	880	<1000	10000	<1000	<1000	<1000
MW-8	2/7/23	<500	<500	880	<5000	<5000	<5000	<5000	<5000
MW-9	2/7/23	<100	<100	740	<1000	2300	<1000	<1000	<1000
MW-10	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	2/7/23	<100	<100	1100	<1000	4400	<1000	<1000	<1000
MW-13	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-14	2/7/23	<100	<100	170	<1000	3600	<1000	<1000	<1000
MW-15	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	2/7/23	<10	61	500	<100	1100	<100	<100	<100
MW-18	2/7/23	<100	180	1900	<1000	2000	<1000	<1000	<1000
MW-19	2/7/23	<500	<500	<500	<5000	<5000	<5000	<5000	<5000
MW-20	2/7/23	<10	72	560	<100	770	<100	<100	<100
MW-21	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	2/7/23	<10	<10	46	<100	170	<100	<100	<100
RW-1	2/7/23	<1000	<1000	6400	<10000	67000	<10000	<10000	<10000
RW-2	2/7/23	<50000	<50000	<50000	<500000	<500000	<500000	7500000	<500000
RW-3	2/7/23	<500	850	7500	<5000	34000	<5000	<5000	<5000
DW-1	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	2/7/23	<10	12	200	<100	250	<100	<100	<100
SW-1	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	2/7/23	<10	20	300	<100	900	<100	<100	<100
SW-3	2/7/23	<10	16	220	<100	390	<100	<100	<100
SW-4	2/7/23	<10	11	140	<100	220	<100	<100	<100
SW-5	2/7/23	<10	<10	38	<100	<100	<100	<100	<100
SW-6	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B Cont. Summary of Oxygenate Data Quick Pantry # 19 Greenwood, SC									
Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	Ethanol	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
QA / QC Data									
Duplicate 1 (MW-13)	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
Duplicate 2 (MW-7)	2/7/23	<100	<100	850	<1000	9800	<1000	<1000	<1000
Equipment Blank 1	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
Field Blank 1	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
Trip Blank 1	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
Trip Blank 2	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100

Note: All results in µg/l. Numbers in bold exceed RBSL. FP = Free Product.

2.2 Piezometric Data

Field sampling sheets for the well sampling event along with the calibration logs are provided in Appendix B. Groundwater elevation data for all monitoring wells associated with the release at the site can be found in Table 2. Historical groundwater data from the Quick Pantry # 19 site can be found in Appendix H. A shallow groundwater flow map was created utilizing the most recent groundwater elevation data and is included in Appendix A as Figure 4.

Groundwater elevation data from the recent sampling event are as follows:

TABLE 2
Groundwater Data (feet)
Quick Pantry # 19
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	GW Elevation
MW-1	2/7/23	623.56	X-28.5	--	16.48	--	607.08
MW-2	2/7/23	623.38	10-20	--	16.28	--	607.10
MW-3	2/7/23	625.10	10-20	--	17.61	--	607.49
MW-4	2/7/23	623.30	10-20	--	17.49	--	605.81
MW-5	2/7/23	622.12	10-20	--	14.38	--	607.74
MW-6	2/7/23	622.84	10-20	--	14.34	--	608.50
MW-7	2/7/23	614.92	8-18	--	9.10	--	605.82
MW-8	2/7/23	615.10	5-15	--	8.91	--	606.19
MW-9	2/7/23	615.58	7.5-17.5	--	8.19	--	607.39
MW-10	2/7/23	608.68	2-12	--	1.13	--	607.55
MW-11	2/7/23	606.78	4-14	--	2.57	--	604.21
MW-12	2/7/23	611.62	7-17	--	7.69	--	603.93
MW-13	2/7/23	610.45	5-15	--	6.27	--	604.18
MW-14	2/7/23	608.36	5-15	--	6.15	--	602.21
MW-15	2/7/23	610.20	5-15	--	6.02	--	604.18
MW-16	2/7/23	605.95	5-15	--	5.23	--	600.72
MW-17	2/7/23	601.53	3-13	--	1.10	--	600.43
MW-18	2/7/23	604.03	4-14	--	2.99	--	601.04
MW-19*	2/7/23	605.81	5-15	4.73	5.04	.31	FP
MW-20	2/7/23	601.51	3-13	--	2.11	--	599.40
MW-21	2/7/23	604.50	5-15	--	5.27	--	599.23
MW-22	2/7/23	600.57	5-15	--	6.44	--	594.13
MW-23	2/7/23	602.51	5-15	--	7.89	--	594.62
MW-24	2/7/23	602.73	5-15	--	8.26	--	594.47
MW-25	2/7/23	606.98	6-16	--	3.68	--	603.30
RW-1	2/7/23	624.54	10-20	--	17.59	--	606.95
RW-2	2/7/23	623.44	10-20	--	16.63	--	606.81
RW-3	2/7/23	623.34	10-20	--	16.54	--	606.80
DW-1*	2/7/23	624.84	40-45	--	18.16	--	606.68
DW-2*	2/7/23	611.79	35-40	--	8.78	--	603.01
DW-3*	2/7/23	610.33	35-40	--	6.09	--	604.24
DW-4*	2/7/23	602.27	20-25	--	8.85	--	593.42

*= wells not used to construct Shallow Groundwater Flow Map

Depths to fluid measurements were collected relative to the top of casing for each well. A hydrocarbon interface probe capable of detecting and measuring a hydrocarbon product thickness of 0.01 foot or 1/8 inch was used for depth to fluid measurements.

3.0 CONCLUSIONS

Results from the groundwater sampling event indicate contaminants exist at the Quick Pantry # 19 site in excess of the Risk Based Screening Levels (RBSLs) as established by the SCDHEC. Free product was present in monitoring well MW-19 for the first time. No other wells contained free product during the sampling event on February 7th, 2023. Contaminants above the RBSLs were found in monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-7, MW-8, MW-9, MW-12, MW-13, MW-14, MW-17, MW-18, MW-19, MW-20, MW-25, RW-1, RW-2, RW-3 and DW-4. Contaminants were also identified in telescoping well DW-1, but below regulatory limits. Contaminants above the RBSLs were also found in surface water samples SW-2, SW-3, SW-4, and SW-5.

As is depicted in Figure 3 in Appendix A, the contaminant plume is migrating across the creek to the east of the Quick Pantry # 19 site, and along the creek/drainage ditch to the Foundry site. The creek/drainage ditch continues on and has been confirmed to empty into the pond located on the Foundry site (see Figure 2B), which is the location of surface water SW-5. Samples collected from the pond on the Foundry site (SW-5) showed the presence of Benzene above regulatory limits, and samples from the creek near the interception trench (SW-2, SW-3, and SW-4) all contained contamination above regulatory limits. The plume is currently undefined horizontally to the west as access to install wells on that property was denied but probing was completed during the Tier II and was defined at that time. The area to the northeast of MW-20 is currently not defined by monitoring wells but was defined during the Tier II with probing locations. The contaminant plume was defined horizontally to the south on the former Foundry property utilizing temporary wells during an assessment conducted in December of 2021. Additional monitoring wells were not installed as that area is subject to the Brownfields program through the SCDHEC. The cost for maintenance during and after the proposed contaminant cap installation outweighed the benefit of installing wells on that site. The report detailing that assessment is titled Tier II Addendum dated February 8th, 2022. The area to the north of MW-19 was defined during the Tier II Assessment with probing locations, but it appears that the edge of the contaminant plume has now spread past the initial Tier II probing locations.

Contaminants above regulatory limits were identified in telescoping well DW-4. Contaminants were identified in DW-1 as well, but below regulatory limits. Vertical gradient calculations done during the Tier II with the deep wells near the center of the plume indicate a discharging aquifer. The previous

lack of contaminants and the upward flow of water in the deep wells indicated that the contaminant plume will migrate along the top of the water table rather than diving deeper into the subsurface, but it appears that the recent fluctuations in groundwater elevation helped to draw the contamination deeper. The telescoping wells should be observed frequently to ensure contaminants are not migrating further downward.

Aggressive Fluid Vapor Recovery (AFVR) events have proven extremely effective at this site. Thus far, a total of 1063.56 gallons of free product, 5,394.32 gallons of product as vapor, and a total of 34,713.54 gallons of contaminated ground water have been recovered during seventeen events at the site. The free product has greatly diminished in both depth and breadth since the Tier II Report was submitted in September of 2021. The recent AFVR events and petroleum recovery socks were extremely effective in removing free product, as only one monitoring well contained free product during the subsequent sampling event on February 7th, 2023. The removal of the free product is still an abatement action that is ongoing. KLM will continue to remove free product at the site, as necessary.

Due to the very high recovery rates documented in the AFVR events conducted at the site, and the very widespread contamination already known at the site, KLM recommends continued AFVR events to continue to recover both free phase and off gas vapor in order to protect the creek and surrounding areas from further impact. Future sampling events should be scheduled to track the progress of the AFVR events and to monitor the spread of the contaminant plume. Additional delineation of the plume to the west should be considered as that area is now undefined due to contaminant migration. KLM upon submission of this report, does not have any open directives for future work at the site.

4.0 REFERENCES

KLM Environmental, LLC, *AFVR & Passive Recovery Report*, February 2023.

KLM Environmental, LLC, *Monitoring Report*, November 2022.

KLM Environmental, LLC, *Monitoring Report*, September 2022.

KLM Environmental, LLC, *AFVR Report*, July 2022.

KLM Environmental, LLC, *Monitoring Report*, May 2022.

KLM Environmental, LLC, *Tier II Addendum Report*, February 2022.

KLM Environmental, LLC, *AFVR Report*, January 2022.

KLM Environmental, LLC, *Tier II Report*, October 2021.

KLM Environmental, LLC, *AFVR Report*, August 2021.

KLM Environmental, LLC, *AFVR Report*, June 2021.

KLM Environmental, LLC, *AFVR Report*, April 2021.

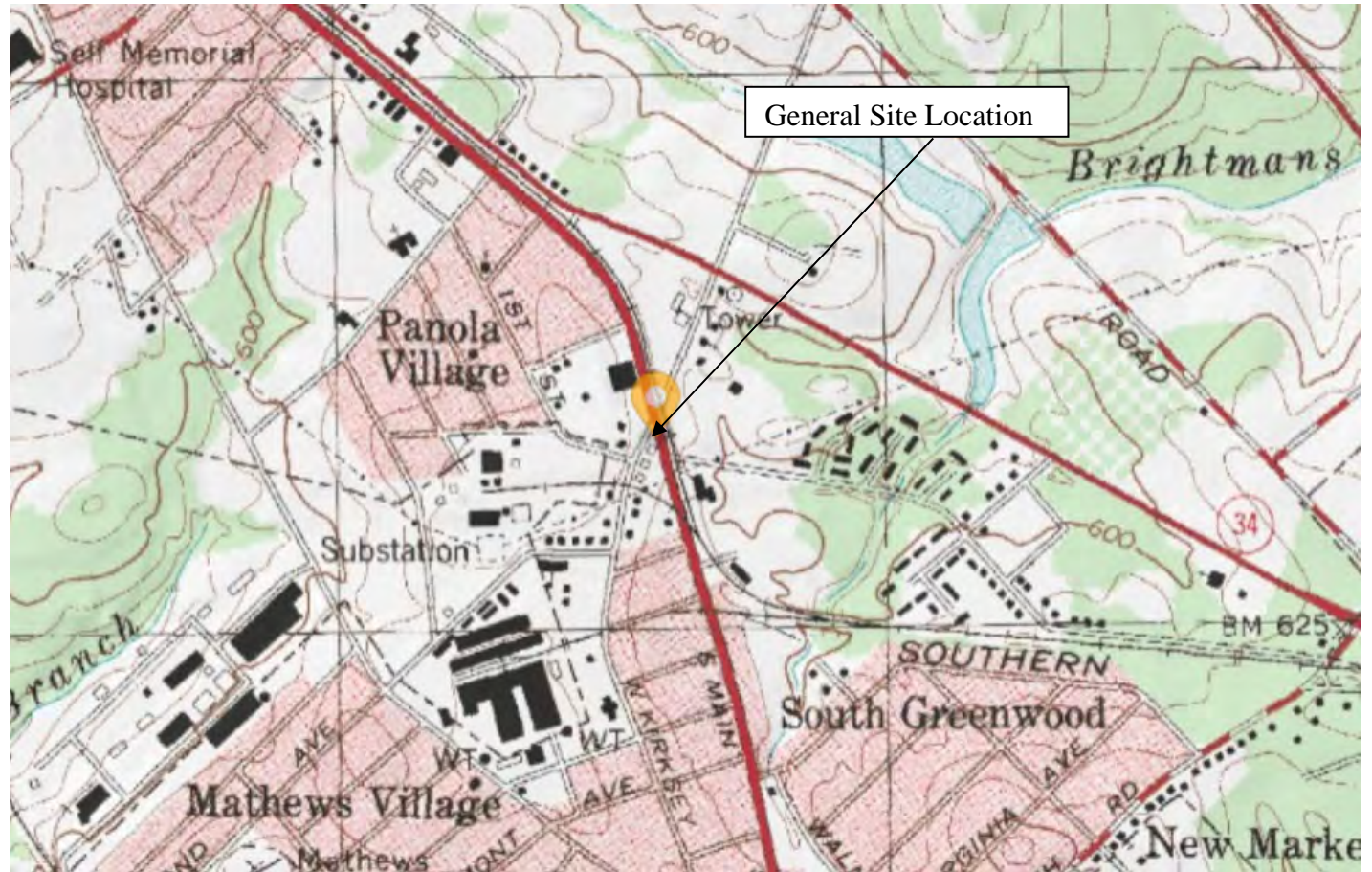
KLM Environmental, LLC, *Initial Containment Boom Report*, April 2021.

KLM Environmental, LLC, *Initial Sampling Report*, March 2021.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management Underground Storage Tank Program, *South Carolina Quality Assurance Program Plan Revision 4.0*, July 2020.

APPENDIX A

Figures



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1

USGS Map

Quick Pantry # 19

Greenwood, SC

UST # 04785

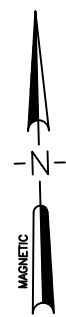


FIGURE 2

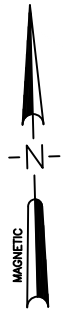
SITE MAP

QUICK PANTRY # 19

GREENWOOD, SC UST # 04785



KLM Environmental, LLC
Phase I Phase II: Underground Storage Tanks Soil & Water Sampling - Well Installation



TMS# 6855-562-314

TMS# 6855-550-186

TMS# 6855-550-186

CMF

FOUNDRY RD

SW-5

POND

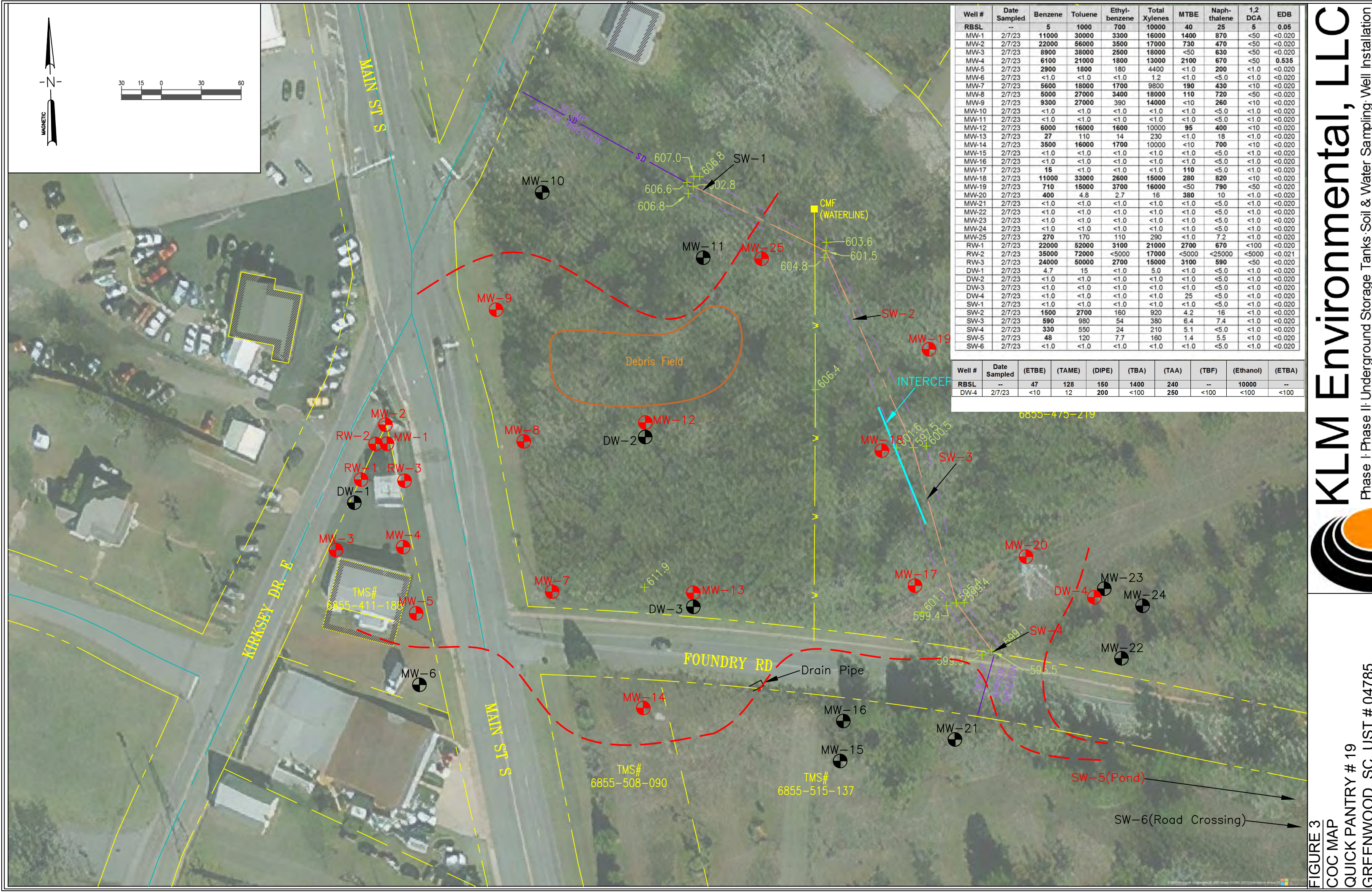
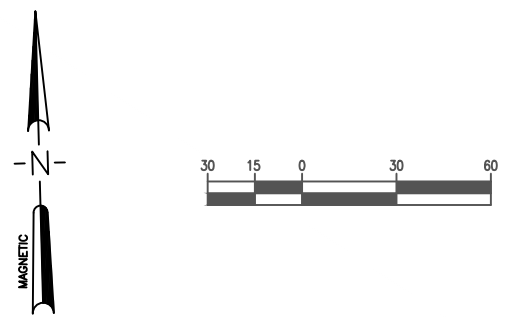
OHIO CT

TMS# 6855-550-186

SW-6

NEW YORK CT

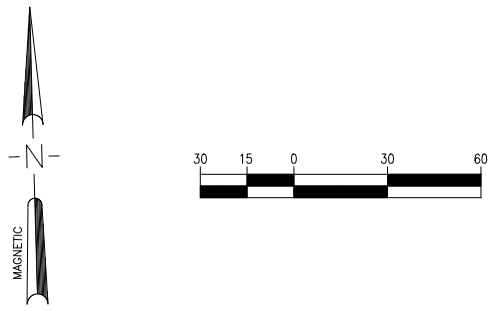




Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB
RBSL	--	5	1000	700	10000	40	25	5	0.05
MW-1	2/7/23	11000	30000	3300	16000	1400	870	<50	<0.020
MW-2	2/7/23	22000	56000	3500	17000	730	470	<50	<0.020
MW-3	2/7/23	8900	38000	2500	18000	<50	630	<50	<0.020
MW-4	2/7/23	6100	21000	1800	13000	2100	670	<50	0.535
MW-5	2/7/23	2900	1800	180	4400	<1.0	200	<1.0	<0.020
MW-6	2/7/23	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020
MW-7	2/7/23	5600	18000	1700	9800	190	430	<10	<0.020
MW-8	2/7/23	5000	27000	3400	18000	110	720	<50	<0.020
MW-9	2/7/23	9300	27000	390	14000	<1.0	260	<10	<0.020
MW-10	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-11	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-12	2/7/23	6000	16000	1600	10000	95	400	<10	<0.020
MW-13	2/7/23	27	110	14	230	<1.0	18	<1.0	<0.020
MW-14	2/7/23	3500	16000	1700	10000	<1.0	700	<10	<0.020
MW-15	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-16	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-17	2/7/23	15	<1.0	<1.0	<1.0	110	<5.0	<1.0	<0.020
MW-18	2/7/23	11000	33000	2600	15000	280	820	<10	<0.020
MW-19	2/7/23	710	15000	3700	16000	<50	790	<50	<0.020
MW-20	2/7/23	400	4.8	2.7	16	380	10	<1.0	<0.020
MW-21	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-22	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-23	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-24	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-25	2/7/23	270	170	110	290	<1.0	7.2	<1.0	<0.020
RW-1	2/7/23	22000	52000	3100	21000	2700	670	<1000	<0.020
RW-2	2/7/23	35000	72000	<5000	17000	<5000	<25000	<5000	<0.021
RW-3	2/7/23	24000	50000	2700	15000	3100	590	<50	<0.020
DW-1	2/7/23	4.7	15	<1.0	5.0	<1.0	<5.0	<1.0	<0.020
DW-2	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
DW-3	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
DW-4	2/7/23	<1.0	<1.0	<1.0	<1.0	25	<5.0	<1.0	<0.020
SW-1	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
SW-2	2/7/23	1500	2700	160	920	4.2	16	<1.0	<0.020
SW-3	2/7/23	590	980	54	380	6.4	7.4	<1.0	<0.020
SW-4	2/7/23	330	550	24	210	5.1	5.5	<1.0	<0.020
SW-5	2/7/23	48	120	7.7	160	1.4	5.5	<1.0	<0.020
SW-6	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
DW-4	2/7/23	<10	12	200	<100	250	<100	<100	<100





Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	GW Elevation
MW-1	2/7/23	623.56	X-28.5	--	16.48	--	607.08
MW-2	2/7/23	623.38	10-20	--	16.28	--	607.10
MW-3	2/7/23	625.10	10-20	--	17.61	--	607.49
MW-4	2/7/23	623.30	10-20	--	17.49	--	605.81
MW-5	2/7/23	622.12	10-20	--	14.38	--	607.74
MW-6	2/7/23	622.84	10-20	--	14.34	--	608.50
MW-7	2/7/23	614.92	8-78	--	9.10	--	605.82
MW-8	2/7/23	615.10	5-15	--	8.91	--	606.19
MW-9	2/7/23	615.58	7.5-17.5	--	8.19	--	607.39
MW-10	2/7/23	608.68	2-12	--	1.13	--	607.55
MW-11	2/7/23	606.78	4-14	--	2.57	--	604.21
MW-12	2/7/23	611.62	7-17	--	7.69	--	603.93
MW-13	2/7/23	610.45	5-15	--	6.27	--	604.18
MW-14	2/7/23	608.36	5-15	--	6.15	--	602.21
MW-15	2/7/23	610.20	5-15	--	6.02	--	604.18
MW-16	2/7/23	605.85	5-15	--	5.23	--	600.72
MW-17	2/7/23	601.53	3-13	--	1.10	--	600.43
MW-18	2/7/23	604.03	4-14	--	2.99	--	601.04
MW-19*	2/7/23	605.81	5-15	4.73	5.04	.31	FP
MW-20	2/7/23	601.51	3-13	--	2.11	--	599.40
MW-21	2/7/23	604.50	5-15	--	5.27	--	599.23
MW-22	2/7/23	600.57	5-15	--	6.44	--	594.13
MW-23	2/7/23	602.51	5-15	--	7.89	--	594.62
MW-24	2/7/23	602.73	5-15	--	8.26	--	594.47
MW-25	2/7/23	606.98	6-16	--	3.68	--	603.30
RW-1	2/7/23	624.54	10-20	--	17.59	--	606.95
RW-2	2/7/23	623.44	10-20	--	16.63	--	606.81
RW-3	2/7/23	623.34	10-20	--	16.54	--	606.80
DW-1*	2/7/23	624.84	40-45	--	18.16	--	606.68
DW-2*	2/7/23	611.79	35-40	--	8.78	--	603.01
DW-3*	2/7/23	610.33	35-40	--	6.09	--	604.24
DW-4*	2/7/23	602.27	20-25	--	8.85	--	593.42

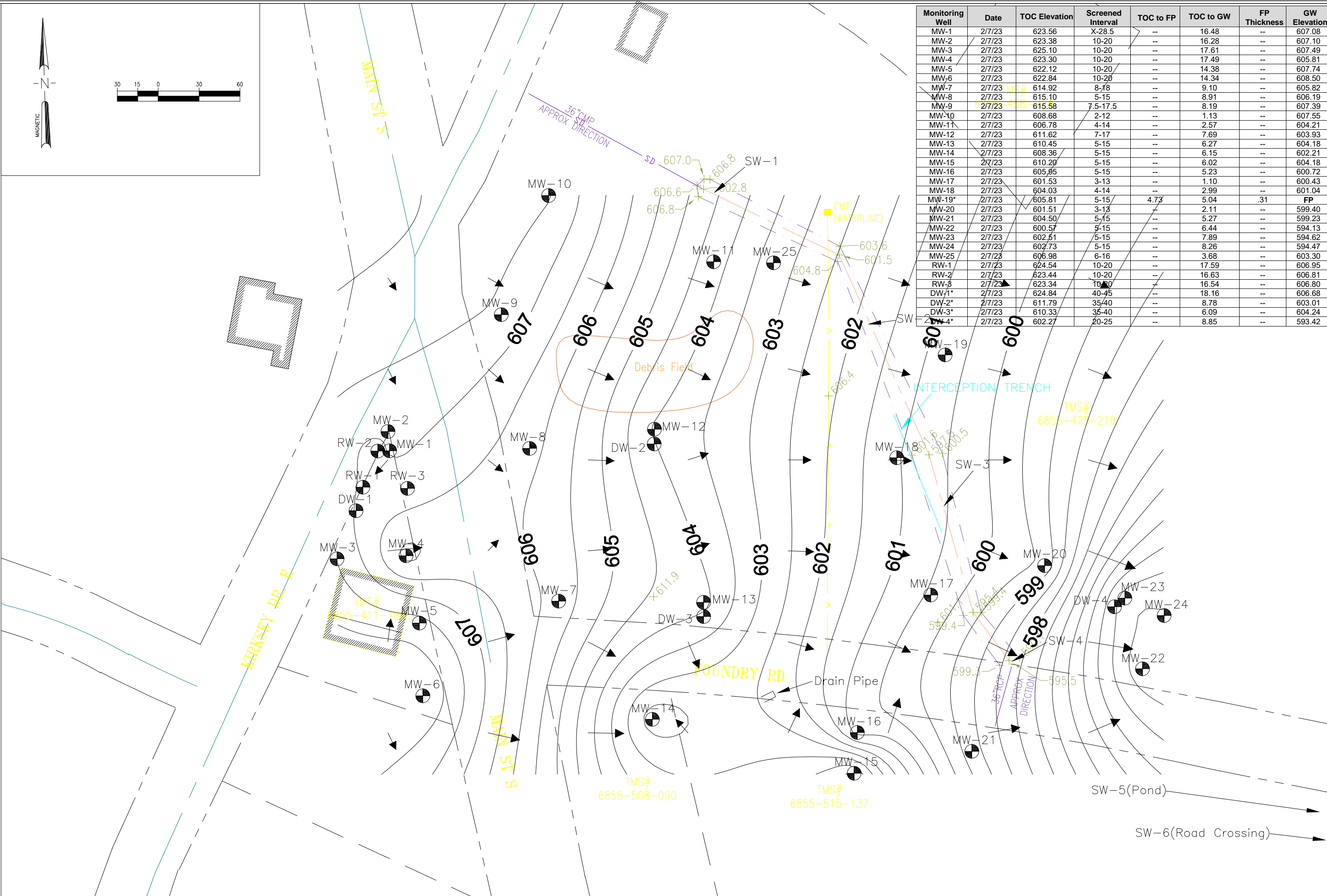


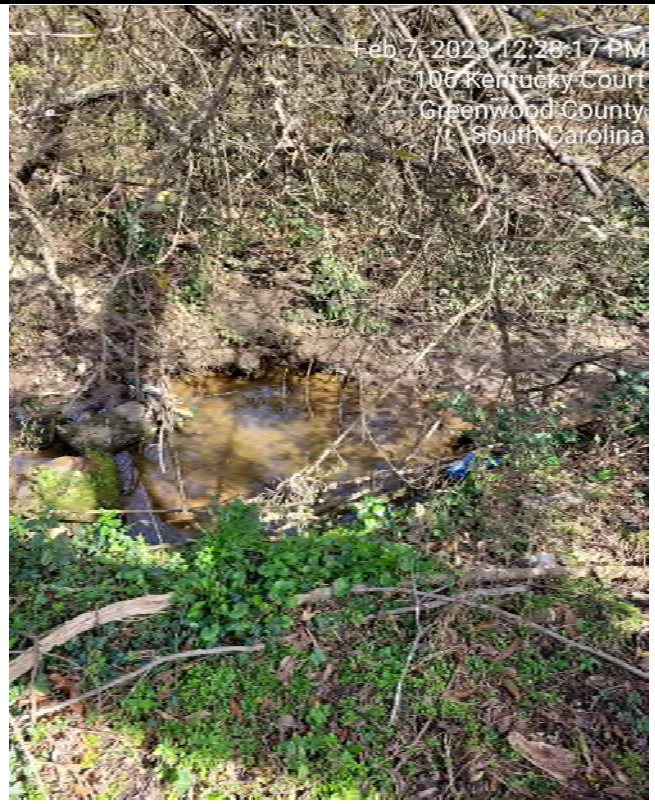
FIGURE 4
SHALLOW GROUNDWATER FLOW MAP
QUICK PANTRY # 19
GREENWOOD, SC UST # 04785

KLM Environmental, LLC
 Phase I Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation



Feb 7, 2023 2:41:33 PM
106 Kentucky Court
Greenwood County
South Carolina

SW-1 Location



Feb 7, 2023 12:28:17 PM
106 Kentucky Court
Greenwood County
South Carolina

SW-2 Location



Feb 7, 2023 12:14:52 PM
106 Foundry Road
Greenwood County
South Carolina

SW-3 Location



Feb 7, 2023 12:14:16 PM
106 Foundry Road
Greenwood County
South Carolina

SW-4 Location



KLM Environmental, LLC

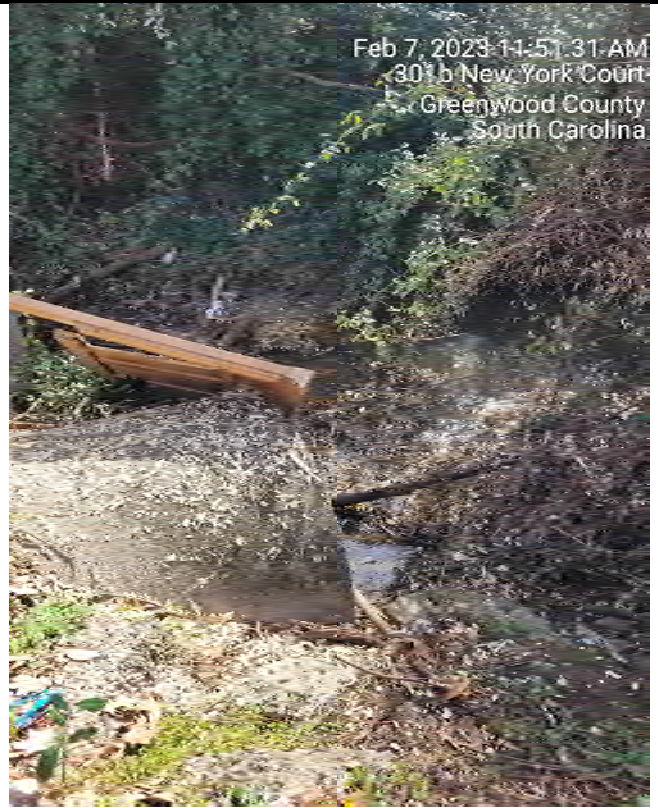
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 5
Photographs
Quick Pantry # 19
Greenwood, SC
UST # 04785



Feb 7, 2023 2:00:20 PM
201b Foundry Road
Greenwood County
South Carolina

SW-5 Location



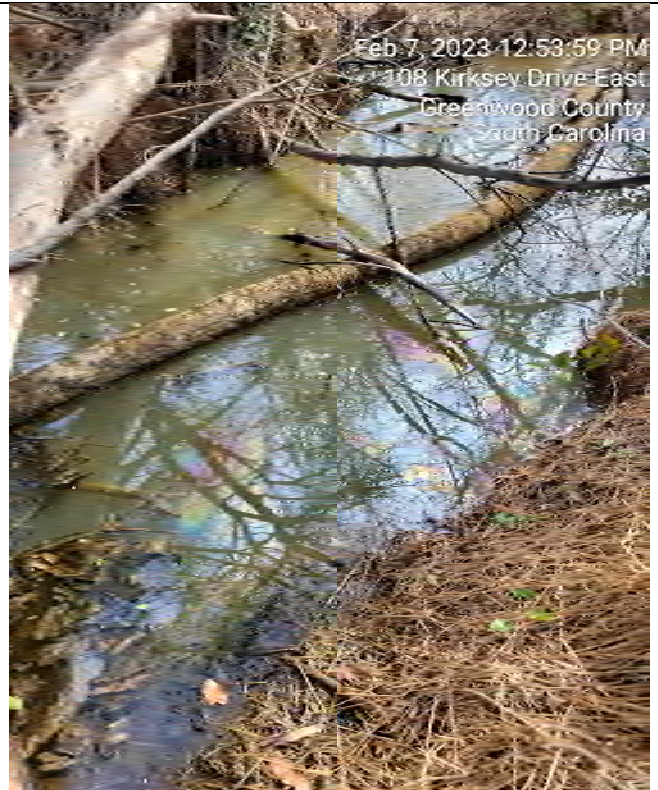
Feb 7, 2023 11:51:31 AM
301b New York Court
Greenwood County
South Carolina

SW-6 Location



Feb 7, 2023 12:42:32 PM
1502 Edgefield Street
Greenwood County
South Carolina

MW-19 Free Product



Feb 7, 2023 12:53:59 PM
108 Kirksey Drive East
Greenwood County
South Carolina

Oily sheen in Interception Trench



KLM Environmental, LLC
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 6
Photographs
Quick Pantry # 19
Greenwood, SC
UST # 04785

APPENDIX B

Laboratory Data / Sampling Sheets



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

February 21, 2023

Mark Keller
KLM Environmental, LLC

118 Springhall Dr Ste E
Goose Creek SC 29445

RE: Quick Pantry # 19

Dear Mark Keller:

Order No: 2302E25

Analytical Environmental Services, Inc. received 44 samples on February 9, 2023 10:00 am for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES' certifications are as follows:

-South Carolina Certification number 98016003 for Clean Water Act and for Solid and Hazardous Waste, effective until 6/30/23.

These results relate only to the items tested as received. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Eben Buchanan
Project Manager

CHAIN OF CUSTODY

COMPANY: KLM Environmental LLC		ADDRESS: PO Box 2704 Goose Creek, SC 29445			ANALYSIS REQUESTED						Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.		Number of Containers																																																																																																																																																																																																															
PHONE:		EMAIL: m.keller131@comcast.net			<table border="1" style="width:100%; height: 100%; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">#</td> <td style="width: 100px;">SAMPLE ID</td> <td style="width: 100px;">DATE</td> <td style="width: 100px;">TIME</td> <td style="width: 50px;">GRAB</td> <td style="width: 50px;">COMPOSITE</td> <td style="width: 50px;">MATRIX (see codes)</td> <td style="width: 20px;">#i</td> <td style="width: 20px;">#i</td> <td style="width: 20px;">#i</td> <td colspan="3">PRESERVATION (see codes)</td> <td style="width: 100px;">REMARKS</td> </tr> <tr> <td>1</td> <td># 04785 ——— DW-1</td> <td>2-7-23</td> <td>1850</td> <td>X</td> <td></td> <td>GW</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>DW-2</td> <td></td> <td>1430</td> <td></td> <td></td> <td>GW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>DW-3</td> <td></td> <td>1355</td> <td></td> <td></td> <td>GW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>DW-4</td> <td></td> <td>1135</td> <td></td> <td></td> <td>GW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>SW-1</td> <td></td> <td>1530</td> <td></td> <td></td> <td>SW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>SW-2</td> <td></td> <td>1305</td> <td></td> <td></td> <td>SW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>SW-3</td> <td></td> <td>1235</td> <td></td> <td></td> <td>SW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td>SW-4</td> <td></td> <td>1205</td> <td></td> <td></td> <td>SW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td>SW-5</td> <td></td> <td>1730</td> <td></td> <td></td> <td>SW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>SW-6</td> <td></td> <td>1030</td> <td></td> <td></td> <td>SW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td>Dup-1</td> <td></td> <td>1340</td> <td></td> <td></td> <td>GW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td>Dup-2</td> <td></td> <td>1450</td> <td></td> <td></td> <td>GW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td>Equipment Blank</td> <td></td> <td>2030</td> <td></td> <td></td> <td>W</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td>Field Blank</td> <td></td> <td>2035</td> <td></td> <td></td> <td>W</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>									#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)	#i	#i	#i	PRESERVATION (see codes)			REMARKS	1	# 04785 ——— DW-1	2-7-23	1850	X		GW	X	X	X					2	DW-2		1430			GW								3	DW-3		1355			GW								4	DW-4		1135			GW								5	SW-1		1530			SW								6	SW-2		1305			SW								7	SW-3		1235			SW								8	SW-4		1205			SW								9	SW-5		1730			SW								10	SW-6		1030			SW								11	Dup-1		1340			GW								12	Dup-2		1450			GW								13	Equipment Blank		2030			W								14	Field Blank		2035			W				
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CHAIN OF CUSTODY

COMPANY: KLM Environmental LLC		ADDRESS: PO Box 2704 Goose Creek, SC 29445			ANALYSIS REQUESTED						Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.		Number of Containers																																																		
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Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Client: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2302E25

Case Narrative

Sample Receiving Nonconformance:

One out of three vials for samples 016A and 027A was received with headspace present as signified by >1/4 inch bubble present. Laboratory proceeded with analysis with remaining vials.

Volatiles Organic Compounds Analysis by Method 8260D:

Due to sample matrix, samples 2302E25-001A, -002A, -003A, -004A,-007A,-008A,-009A,-012A,-014A,-019A,-026A, -027A,-028A, & -040A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-1
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 7:35:00 PM
Lab ID: 2302E25-001	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	11000	500		ug/L	351282	500	02/14/2023 20:16	CM
Toluene	30000	500		ug/L	351282	500	02/14/2023 20:16	CM
Ethylbenzene	3300	50		ug/L	351282	50	02/15/2023 12:03	CM
Xylenes, Total	16000	50		ug/L	351282	50	02/15/2023 12:03	CM
Methyl tert-butyl ether	1400	50		ug/L	351282	50	02/15/2023 12:03	CM
Naphthalene	870	250		ug/L	351282	50	02/15/2023 12:03	CM
1,2-Dichloroethane	BRL	50		ug/L	351282	50	02/15/2023 12:03	CM
Ethyl tert-butyl ether	BRL	500		ug/L	351282	50	02/15/2023 12:03	CM
tert-Amyl methyl ether	BRL	500		ug/L	351282	50	02/15/2023 12:03	CM
Isopropyl ether	3300	500		ug/L	351282	50	02/15/2023 12:03	CM
tert-Butyl Alcohol	BRL	5000		ug/L	351282	50	02/15/2023 12:03	CM
tert-Amyl alcohol	7600	5000		ug/L	351282	50	02/15/2023 12:03	CM
tert-Butyl formate	BRL	5000		ug/L	351282	50	02/15/2023 12:03	CM
Ethanol	BRL	5000		ug/L	351282	50	02/15/2023 12:03	CM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	351282	50	02/15/2023 12:03	CM
Surr: 4-Bromofluorobenzene	96.6	75-118		%REC	351282	50	02/15/2023 12:03	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	351282	500	02/14/2023 20:16	CM
Surr: Dibromofluoromethane	95.7	82.5-121		%REC	351282	50	02/15/2023 12:03	CM
Surr: Dibromofluoromethane	97.9	82.5-121		%REC	351282	500	02/14/2023 20:16	CM
Surr: Toluene-d8	100	78.3-118		%REC	351282	500	02/14/2023 20:16	CM
Surr: Toluene-d8	102	78.3-118		%REC	351282	50	02/15/2023 12:03	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 19:41	TB
Surr: 4-Bromofluorobenzene	103	69.7-138		%REC	351203	1	02/14/2023 19:41	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-2
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 7:50:00 PM
Lab ID: 2302E25-002	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	22000	500		ug/L	351282	500	02/14/2023 22:21	CM
Toluene	56000	500		ug/L	351282	500	02/14/2023 22:21	CM
Ethylbenzene	3500	50		ug/L	351282	50	02/14/2023 21:56	CM
Xylenes, Total	17000	50		ug/L	351282	50	02/14/2023 21:56	CM
Methyl tert-butyl ether	730	50		ug/L	351282	50	02/14/2023 21:56	CM
Naphthalene	470	250		ug/L	351282	50	02/14/2023 21:56	CM
1,2-Dichloroethane	BRL	50		ug/L	351282	50	02/14/2023 21:56	CM
Ethyl tert-butyl ether	BRL	500		ug/L	351282	50	02/14/2023 21:56	CM
tert-Amyl methyl ether	BRL	500		ug/L	351282	50	02/14/2023 21:56	CM
Isopropyl ether	4700	500		ug/L	351282	50	02/14/2023 21:56	CM
tert-Butyl Alcohol	BRL	5000		ug/L	351282	50	02/14/2023 21:56	CM
tert-Amyl alcohol	42000	5000		ug/L	351282	50	02/14/2023 21:56	CM
tert-Butyl formate	BRL	5000		ug/L	351282	50	02/14/2023 21:56	CM
Ethanol	BRL	5000		ug/L	351282	50	02/14/2023 21:56	CM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	351282	50	02/14/2023 21:56	CM
Surr: 4-Bromofluorobenzene	98.2	75-118		%REC	351282	500	02/14/2023 22:21	CM
Surr: 4-Bromofluorobenzene	97.9	75-118		%REC	351282	50	02/14/2023 21:56	CM
Surr: Dibromofluoromethane	97.4	82.5-121		%REC	351282	500	02/14/2023 22:21	CM
Surr: Dibromofluoromethane	97.5	82.5-121		%REC	351282	50	02/14/2023 21:56	CM
Surr: Toluene-d8	100	78.3-118		%REC	351282	500	02/14/2023 22:21	CM
Surr: Toluene-d8	101	78.3-118		%REC	351282	50	02/14/2023 21:56	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 19:58	TB
Surr: 4-Bromofluorobenzene	117	69.7-138		%REC	351203	1	02/14/2023 19:58	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-3
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 6:30:00 PM
Lab ID: 2302E25-003	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	8900	50		ug/L	351282	50	02/14/2023 22:46	CM
Toluene	38000	500		ug/L	351282	500	02/14/2023 23:10	CM
Ethylbenzene	2500	50		ug/L	351282	50	02/14/2023 22:46	CM
Xylenes, Total	18000	50		ug/L	351282	50	02/14/2023 22:46	CM
Methyl tert-butyl ether	BRL	50		ug/L	351282	50	02/14/2023 22:46	CM
Naphthalene	630	250		ug/L	351282	50	02/14/2023 22:46	CM
1,2-Dichloroethane	BRL	50		ug/L	351282	50	02/14/2023 22:46	CM
Ethyl tert-butyl ether	BRL	500		ug/L	351282	50	02/14/2023 22:46	CM
tert-Amyl methyl ether	BRL	500		ug/L	351282	50	02/14/2023 22:46	CM
Isopropyl ether	860	500		ug/L	351282	50	02/14/2023 22:46	CM
tert-Butyl Alcohol	BRL	5000		ug/L	351282	50	02/14/2023 22:46	CM
tert-Amyl alcohol	30000	5000		ug/L	351282	50	02/14/2023 22:46	CM
tert-Butyl formate	BRL	5000		ug/L	351282	50	02/14/2023 22:46	CM
Ethanol	BRL	5000		ug/L	351282	50	02/14/2023 22:46	CM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	351282	50	02/14/2023 22:46	CM
Surr: 4-Bromofluorobenzene	97.9	75-118		%REC	351282	50	02/14/2023 22:46	CM
Surr: 4-Bromofluorobenzene	99.1	75-118		%REC	351282	500	02/14/2023 23:10	CM
Surr: Dibromofluoromethane	96.7	82.5-121		%REC	351282	500	02/14/2023 23:10	CM
Surr: Dibromofluoromethane	97.3	82.5-121		%REC	351282	50	02/14/2023 22:46	CM
Surr: Toluene-d8	101	78.3-118		%REC	351282	500	02/14/2023 23:10	CM
Surr: Toluene-d8	102	78.3-118		%REC	351282	50	02/14/2023 22:46	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 20:14	TB
Surr: 4-Bromofluorobenzene	87.7	69.7-138		%REC	351203	1	02/14/2023 20:14	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-4
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 6:15:00 PM
Lab ID: 2302E25-004	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	6100	50		ug/L	351282	50	02/14/2023 23:35	CM
Toluene	21000	500		ug/L	351282	500	02/14/2023 23:59	CM
Ethylbenzene	1800	50		ug/L	351282	50	02/14/2023 23:35	CM
Xylenes, Total	13000	50		ug/L	351282	50	02/14/2023 23:35	CM
Methyl tert-butyl ether	2100	50		ug/L	351282	50	02/14/2023 23:35	CM
Naphthalene	670	250		ug/L	351282	50	02/14/2023 23:35	CM
1,2-Dichloroethane	BRL	50		ug/L	351282	50	02/14/2023 23:35	CM
Ethyl tert-butyl ether	BRL	500		ug/L	351282	50	02/14/2023 23:35	CM
tert-Amyl methyl ether	BRL	500		ug/L	351282	50	02/14/2023 23:35	CM
Isopropyl ether	2600	500		ug/L	351282	50	02/14/2023 23:35	CM
tert-Butyl Alcohol	BRL	5000		ug/L	351282	50	02/14/2023 23:35	CM
tert-Amyl alcohol	5900	5000		ug/L	351282	50	02/14/2023 23:35	CM
tert-Butyl formate	BRL	5000		ug/L	351282	50	02/14/2023 23:35	CM
Ethanol	BRL	5000		ug/L	351282	50	02/14/2023 23:35	CM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	351282	50	02/14/2023 23:35	CM
Surr: 4-Bromofluorobenzene	97.7	75-118		%REC	351282	50	02/14/2023 23:35	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	351282	500	02/14/2023 23:59	CM
Surr: Dibromofluoromethane	96.9	82.5-121		%REC	351282	50	02/14/2023 23:35	CM
Surr: Dibromofluoromethane	97.6	82.5-121		%REC	351282	500	02/14/2023 23:59	CM
Surr: Toluene-d8	101	78.3-118		%REC	351282	500	02/14/2023 23:59	CM
Surr: Toluene-d8	102	78.3-118		%REC	351282	50	02/14/2023 23:35	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	0.535	0.099		ug/L	351203	5	02/15/2023 10:28	TB
Surr: 4-Bromofluorobenzene	123	69.7-138		%REC	351203	1	02/14/2023 20:31	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-5
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 6:00:00 PM
Lab ID: 2302E25-005	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	2900	100		ug/L	351333	100	02/16/2023 14:54	CM
Toluene	1800	10		ug/L	351333	10	02/15/2023 17:37	OM
Ethylbenzene	180	10		ug/L	351333	10	02/15/2023 17:37	OM
Xylenes, Total	4400	10		ug/L	351333	10	02/15/2023 17:37	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	351333	1	02/16/2023 16:09	CM
Naphthalene	200	50		ug/L	351333	10	02/15/2023 17:37	OM
1,2-Dichloroethane	BRL	1.0		ug/L	351333	1	02/16/2023 16:09	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351333	1	02/16/2023 16:09	CM
tert-Amyl methyl ether	30	10		ug/L	351333	1	02/16/2023 16:09	CM
Isopropyl ether	230	10		ug/L	351333	1	02/16/2023 16:09	CM
tert-Butyl Alcohol	BRL	100		ug/L	351333	1	02/16/2023 16:09	CM
tert-Amyl alcohol	1400	1000		ug/L	351333	10	02/15/2023 17:37	OM
tert-Butyl formate	BRL	100		ug/L	351333	1	02/16/2023 16:09	CM
Ethanol	BRL	100		ug/L	351333	1	02/16/2023 16:09	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351333	1	02/16/2023 16:09	CM
Surr: 4-Bromofluorobenzene	94.2	75-118		%REC	351333	1	02/16/2023 16:09	CM
Surr: 4-Bromofluorobenzene	95.5	75-118		%REC	351333	10	02/15/2023 17:37	OM
Surr: 4-Bromofluorobenzene	96.2	75-118		%REC	351333	100	02/16/2023 14:54	CM
Surr: Dibromofluoromethane	96	82.5-121		%REC	351333	1	02/16/2023 16:09	CM
Surr: Dibromofluoromethane	96.7	82.5-121		%REC	351333	100	02/16/2023 14:54	CM
Surr: Dibromofluoromethane	99.5	82.5-121		%REC	351333	10	02/15/2023 17:37	OM
Surr: Toluene-d8	96.3	78.3-118		%REC	351333	10	02/15/2023 17:37	OM
Surr: Toluene-d8	99	78.3-118		%REC	351333	100	02/16/2023 14:54	CM
Surr: Toluene-d8	104	78.3-118		%REC	351333	1	02/16/2023 16:09	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 21:23	TB
Surr: 4-Bromofluorobenzene	90.9	69.7-138		%REC	351203	1	02/14/2023 21:23	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-6
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 5:45:00 PM
Lab ID: 2302E25-006	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/13/2023 19:50	CM
Toluene	BRL	1.0		ug/L	351210	1	02/13/2023 19:50	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/13/2023 19:50	CM
Xylenes, Total	1.2	1.0		ug/L	351210	1	02/13/2023 19:50	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/13/2023 19:50	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/13/2023 19:50	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/13/2023 19:50	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/13/2023 19:50	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/13/2023 19:50	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/13/2023 19:50	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/13/2023 19:50	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/13/2023 19:50	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/13/2023 19:50	CM
Ethanol	BRL	100		ug/L	351210	1	02/13/2023 19:50	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/13/2023 19:50	CM
Surr: 4-Bromofluorobenzene	97.8	75-118		%REC	351210	1	02/13/2023 19:50	CM
Surr: Dibromofluoromethane	97.5	82.5-121		%REC	351210	1	02/13/2023 19:50	CM
Surr: Toluene-d8	100	78.3-118		%REC	351210	1	02/13/2023 19:50	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 21:57	TB
Surr: 4-Bromofluorobenzene	96	69.7-138		%REC	351203	1	02/14/2023 21:57	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-7
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 2:45:00 PM
Lab ID: 2302E25-007	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	5600	100		ug/L	351333	100	02/15/2023 15:39	OM
Toluene	18000	100		ug/L	351333	100	02/15/2023 15:39	OM
Ethylbenzene	1700	10		ug/L	351333	10	02/15/2023 15:17	OM
Xylenes, Total	9800	100		ug/L	351333	100	02/15/2023 15:39	OM
Methyl tert-butyl ether	190	10		ug/L	351333	10	02/15/2023 15:17	OM
Naphthalene	430	50		ug/L	351333	10	02/15/2023 15:17	OM
1,2-Dichloroethane	BRL	10		ug/L	351333	10	02/15/2023 15:17	OM
Ethyl tert-butyl ether	BRL	100		ug/L	351333	10	02/15/2023 15:17	OM
tert-Amyl methyl ether	BRL	100		ug/L	351333	10	02/15/2023 15:17	OM
Isopropyl ether	880	100		ug/L	351333	10	02/15/2023 15:17	OM
tert-Butyl Alcohol	BRL	1000		ug/L	351333	10	02/15/2023 15:17	OM
tert-Amyl alcohol	10000	1000		ug/L	351333	10	02/15/2023 15:17	OM
tert-Butyl formate	BRL	1000		ug/L	351333	10	02/15/2023 15:17	OM
Ethanol	BRL	1000		ug/L	351333	10	02/15/2023 15:17	OM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	351333	10	02/15/2023 15:17	OM
Surr: 4-Bromofluorobenzene	95.4	75-118		%REC	351333	100	02/15/2023 15:39	OM
Surr: 4-Bromofluorobenzene	95.4	75-118		%REC	351333	10	02/15/2023 15:17	OM
Surr: Dibromofluoromethane	98.7	82.5-121		%REC	351333	10	02/15/2023 15:17	OM
Surr: Dibromofluoromethane	98.9	82.5-121		%REC	351333	100	02/15/2023 15:39	OM
Surr: Toluene-d8	96.9	78.3-118		%REC	351333	100	02/15/2023 15:39	OM
Surr: Toluene-d8	97.8	78.3-118		%REC	351333	10	02/15/2023 15:17	OM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 22:14	TB
Surr: 4-Bromofluorobenzene	94.5	69.7-138		%REC	351203	1	02/14/2023 22:14	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-8
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 3:00:00 PM
Lab ID: 2302E25-008	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	5000	50		ug/L	351282	50	02/15/2023 00:24	CM
Toluene	27000	500		ug/L	351282	500	02/15/2023 00:49	CM
Ethylbenzene	3400	50		ug/L	351282	50	02/15/2023 00:24	CM
Xylenes, Total	18000	50		ug/L	351282	50	02/15/2023 00:24	CM
Methyl tert-butyl ether	110	50		ug/L	351282	50	02/15/2023 00:24	CM
Naphthalene	720	250		ug/L	351282	50	02/15/2023 00:24	CM
1,2-Dichloroethane	BRL	50		ug/L	351282	50	02/15/2023 00:24	CM
Ethyl tert-butyl ether	BRL	500		ug/L	351282	50	02/15/2023 00:24	CM
tert-Amyl methyl ether	BRL	500		ug/L	351282	50	02/15/2023 00:24	CM
Isopropyl ether	880	500		ug/L	351282	50	02/15/2023 00:24	CM
tert-Butyl Alcohol	BRL	5000		ug/L	351282	50	02/15/2023 00:24	CM
tert-Amyl alcohol	BRL	5000		ug/L	351282	50	02/15/2023 00:24	CM
tert-Butyl formate	BRL	5000		ug/L	351282	50	02/15/2023 00:24	CM
Ethanol	BRL	5000		ug/L	351282	50	02/15/2023 00:24	CM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	351282	50	02/15/2023 00:24	CM
Surr: 4-Bromofluorobenzene	98	75-118		%REC	351282	500	02/15/2023 00:49	CM
Surr: 4-Bromofluorobenzene	97.6	75-118		%REC	351282	50	02/15/2023 00:24	CM
Surr: Dibromofluoromethane	95.4	82.5-121		%REC	351282	500	02/15/2023 00:49	CM
Surr: Dibromofluoromethane	96.9	82.5-121		%REC	351282	50	02/15/2023 00:24	CM
Surr: Toluene-d8	101	78.3-118		%REC	351282	500	02/15/2023 00:49	CM
Surr: Toluene-d8	101	78.3-118		%REC	351282	50	02/15/2023 00:24	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 22:31	TB
Surr: 4-Bromofluorobenzene	93.7	69.7-138		%REC	351203	1	02/14/2023 22:31	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-9
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 3:15:00 PM
Lab ID: 2302E25-009	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	9300	500		ug/L	351282	500	02/15/2023 02:28	CM
Toluene	27000	500		ug/L	351282	500	02/15/2023 02:28	CM
Ethylbenzene	390	10		ug/L	351282	10	02/15/2023 02:03	CM
Xylenes, Total	14000	500		ug/L	351282	500	02/15/2023 02:28	CM
Methyl tert-butyl ether	BRL	10		ug/L	351282	10	02/15/2023 02:03	CM
Naphthalene	260	50		ug/L	351282	10	02/15/2023 02:03	CM
1,2-Dichloroethane	BRL	10		ug/L	351282	10	02/15/2023 02:03	CM
Ethyl tert-butyl ether	BRL	100		ug/L	351282	10	02/15/2023 02:03	CM
tert-Amyl methyl ether	BRL	100		ug/L	351282	10	02/15/2023 02:03	CM
Isopropyl ether	740	100		ug/L	351282	10	02/15/2023 02:03	CM
tert-Butyl Alcohol	BRL	1000		ug/L	351282	10	02/15/2023 02:03	CM
tert-Amyl alcohol	2300	1000		ug/L	351282	10	02/15/2023 02:03	CM
tert-Butyl formate	BRL	1000		ug/L	351282	10	02/15/2023 02:03	CM
Ethanol	BRL	1000		ug/L	351282	10	02/15/2023 02:03	CM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	351282	10	02/15/2023 02:03	CM
Surr: 4-Bromofluorobenzene	97.9	75-118		%REC	351282	500	02/15/2023 02:28	CM
Surr: 4-Bromofluorobenzene	96.1	75-118		%REC	351282	10	02/15/2023 02:03	CM
Surr: Dibromofluoromethane	94	82.5-121		%REC	351282	500	02/15/2023 02:28	CM
Surr: Dibromofluoromethane	96.8	82.5-121		%REC	351282	10	02/15/2023 02:03	CM
Surr: Toluene-d8	100	78.3-118		%REC	351282	500	02/15/2023 02:28	CM
Surr: Toluene-d8	102	78.3-118		%REC	351282	10	02/15/2023 02:03	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 22:48	TB
Surr: 4-Bromofluorobenzene	90.4	69.7-138		%REC	351203	1	02/14/2023 22:48	TB

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-10
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 3:45:00 PM
Lab ID: 2302E25-010	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/13/2023 20:15	CM
Toluene	BRL	1.0		ug/L	351210	1	02/13/2023 20:15	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/13/2023 20:15	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/13/2023 20:15	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/13/2023 20:15	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/13/2023 20:15	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/13/2023 20:15	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/13/2023 20:15	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/13/2023 20:15	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/13/2023 20:15	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/13/2023 20:15	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/13/2023 20:15	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/13/2023 20:15	CM
Ethanol	BRL	100		ug/L	351210	1	02/13/2023 20:15	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/13/2023 20:15	CM
Surr: 4-Bromofluorobenzene	98.5	75-118		%REC	351210	1	02/13/2023 20:15	CM
Surr: Dibromofluoromethane	97.8	82.5-121		%REC	351210	1	02/13/2023 20:15	CM
Surr: Toluene-d8	100	78.3-118		%REC	351210	1	02/13/2023 20:15	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 23:05	TB
Surr: 4-Bromofluorobenzene	99.1	69.7-138		%REC	351203	1	02/14/2023 23:05	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-11
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 4:00:00 PM
Lab ID: 2302E25-011	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 09:09	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 09:09	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 09:09	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 09:09	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 09:09	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 09:09	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 09:09	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 09:09	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 09:09	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 09:09	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 09:09	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 09:09	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 09:09	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 09:09	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 09:09	CM
Surr: 4-Bromofluorobenzene	99.3	75-118		%REC	351210	1	02/14/2023 09:09	CM
Surr: Dibromofluoromethane	98	82.5-121		%REC	351210	1	02/14/2023 09:09	CM
Surr: Toluene-d8	99.7	78.3-118		%REC	351210	1	02/14/2023 09:09	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 23:22	TB
Surr: 4-Bromofluorobenzene	99.6	69.7-138		%REC	351203	1	02/14/2023 23:22	TB

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-12
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 2:10:00 PM
Lab ID: 2302E25-012	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	6000	500		ug/L	351282	500	02/15/2023 03:17	CM
Toluene	16000	500		ug/L	351282	500	02/15/2023 03:17	CM
Ethylbenzene	1600	10		ug/L	351282	10	02/15/2023 02:53	CM
Xylenes, Total	10000	500		ug/L	351282	500	02/15/2023 03:17	CM
Methyl tert-butyl ether	95	10		ug/L	351282	10	02/15/2023 02:53	CM
Naphthalene	400	50		ug/L	351282	10	02/15/2023 02:53	CM
1,2-Dichloroethane	BRL	10		ug/L	351282	10	02/15/2023 02:53	CM
Ethyl tert-butyl ether	BRL	100		ug/L	351282	10	02/15/2023 02:53	CM
tert-Amyl methyl ether	BRL	100		ug/L	351282	10	02/15/2023 02:53	CM
Isopropyl ether	1100	100		ug/L	351282	10	02/15/2023 02:53	CM
tert-Butyl Alcohol	BRL	1000		ug/L	351282	10	02/15/2023 02:53	CM
tert-Amyl alcohol	4400	1000		ug/L	351282	10	02/15/2023 02:53	CM
tert-Butyl formate	BRL	1000		ug/L	351282	10	02/15/2023 02:53	CM
Ethanol	BRL	1000		ug/L	351282	10	02/15/2023 02:53	CM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	351282	10	02/15/2023 02:53	CM
Surr: 4-Bromofluorobenzene	94.9	75-118		%REC	351282	500	02/15/2023 03:17	CM
Surr: 4-Bromofluorobenzene	94.3	75-118		%REC	351282	10	02/15/2023 02:53	CM
Surr: Dibromofluoromethane	93	82.5-121		%REC	351282	500	02/15/2023 03:17	CM
Surr: Dibromofluoromethane	94.9	82.5-121		%REC	351282	10	02/15/2023 02:53	CM
Surr: Toluene-d8	101	78.3-118		%REC	351282	500	02/15/2023 03:17	CM
Surr: Toluene-d8	102	78.3-118		%REC	351282	10	02/15/2023 02:53	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/14/2023 23:39	TB
Surr: 4-Bromofluorobenzene	95.1	69.7-138		%REC	351203	1	02/14/2023 23:39	TB

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-13
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 1:35:00 PM
Lab ID: 2302E25-013	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	27	1.0		ug/L	351333	1	02/16/2023 12:50	CM
Toluene	110	1.0		ug/L	351333	1	02/16/2023 12:50	CM
Ethylbenzene	14	1.0		ug/L	351333	1	02/16/2023 12:50	CM
Xylenes, Total	230	1.0		ug/L	351333	1	02/16/2023 12:50	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351333	1	02/16/2023 12:50	CM
Naphthalene	18	5.0		ug/L	351333	1	02/16/2023 12:50	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351333	1	02/16/2023 12:50	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351333	1	02/16/2023 12:50	CM
tert-Amyl methyl ether	BRL	10		ug/L	351333	1	02/16/2023 12:50	CM
Isopropyl ether	BRL	10		ug/L	351333	1	02/16/2023 12:50	CM
tert-Butyl Alcohol	BRL	100		ug/L	351333	1	02/16/2023 12:50	CM
tert-Amyl alcohol	BRL	100		ug/L	351333	1	02/16/2023 12:50	CM
tert-Butyl formate	BRL	100		ug/L	351333	1	02/16/2023 12:50	CM
Ethanol	BRL	100		ug/L	351333	1	02/16/2023 12:50	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351333	1	02/16/2023 12:50	CM
Surr: 4-Bromofluorobenzene	99.1	75-118		%REC	351333	1	02/16/2023 12:50	CM
Surr: Dibromofluoromethane	99.4	82.5-121		%REC	351333	1	02/16/2023 12:50	CM
Surr: Toluene-d8	102	78.3-118		%REC	351333	1	02/16/2023 12:50	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/15/2023 00:13	TB
Surr: 4-Bromofluorobenzene	102	69.7-138		%REC	351203	1	02/15/2023 00:13	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-14
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 4:30:00 PM
Lab ID: 2302E25-014	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	3500	50		ug/L	351333	50	02/15/2023 14:55	OM
Toluene	16000	500		ug/L	351333	500	02/16/2023 14:05	CM
Ethylbenzene	1700	10		ug/L	351333	10	02/15/2023 14:32	OM
Xylenes, Total	10000	50		ug/L	351333	50	02/15/2023 14:55	OM
Methyl tert-butyl ether	BRL	10		ug/L	351333	10	02/15/2023 14:32	OM
Naphthalene	700	50		ug/L	351333	10	02/15/2023 14:32	OM
1,2-Dichloroethane	BRL	10		ug/L	351333	10	02/15/2023 14:32	OM
Ethyl tert-butyl ether	BRL	100		ug/L	351333	10	02/15/2023 14:32	OM
tert-Amyl methyl ether	BRL	100		ug/L	351333	10	02/15/2023 14:32	OM
Isopropyl ether	170	100		ug/L	351333	10	02/15/2023 14:32	OM
tert-Butyl Alcohol	BRL	1000		ug/L	351333	10	02/15/2023 14:32	OM
tert-Amyl alcohol	3600	1000		ug/L	351333	10	02/15/2023 14:32	OM
tert-Butyl formate	BRL	1000		ug/L	351333	10	02/15/2023 14:32	OM
Ethanol	BRL	1000		ug/L	351333	10	02/15/2023 14:32	OM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	351333	10	02/15/2023 14:32	OM
Surr: 4-Bromofluorobenzene	97.1	75-118		%REC	351333	50	02/15/2023 14:55	OM
Surr: 4-Bromofluorobenzene	98.7	75-118		%REC	351333	500	02/16/2023 14:05	CM
Surr: 4-Bromofluorobenzene	97.6	75-118		%REC	351333	10	02/15/2023 14:32	OM
Surr: Dibromofluoromethane	96.2	82.5-121		%REC	351333	500	02/16/2023 14:05	CM
Surr: Dibromofluoromethane	98.5	82.5-121		%REC	351333	50	02/15/2023 14:55	OM
Surr: Dibromofluoromethane	102	82.5-121		%REC	351333	10	02/15/2023 14:32	OM
Surr: Toluene-d8	96.7	78.3-118		%REC	351333	50	02/15/2023 14:55	OM
Surr: Toluene-d8	101	78.3-118		%REC	351333	500	02/16/2023 14:05	CM
Surr: Toluene-d8	98.8	78.3-118		%REC	351333	10	02/15/2023 14:32	OM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/15/2023 00:31	TB
Surr: 4-Bromofluorobenzene	101	69.7-138		%REC	351203	1	02/15/2023 00:31	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-15
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 4:45:00 PM
Lab ID: 2302E25-015	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 09:34	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 09:34	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 09:34	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 09:34	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 09:34	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 09:34	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 09:34	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 09:34	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 09:34	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 09:34	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 09:34	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 09:34	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 09:34	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 09:34	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 09:34	CM
Surr: 4-Bromofluorobenzene	99.3	75-118		%REC	351210	1	02/14/2023 09:34	CM
Surr: Dibromofluoromethane	98.1	82.5-121		%REC	351210	1	02/14/2023 09:34	CM
Surr: Toluene-d8	101	78.3-118		%REC	351210	1	02/14/2023 09:34	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/15/2023 00:48	TB
Surr: 4-Bromofluorobenzene	109	69.7-138		%REC	351203	1	02/15/2023 00:48	TB

Qualifiers:	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-16
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 5:00:00 PM
Lab ID: 2302E25-016	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 09:59	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 09:59	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 09:59	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 09:59	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 09:59	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 09:59	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 09:59	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 09:59	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 09:59	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 09:59	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 09:59	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 09:59	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 09:59	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 09:59	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 09:59	CM
Surr: 4-Bromofluorobenzene	99	75-118		%REC	351210	1	02/14/2023 09:59	CM
Surr: Dibromofluoromethane	98.1	82.5-121		%REC	351210	1	02/14/2023 09:59	CM
Surr: Toluene-d8	100	78.3-118		%REC	351210	1	02/14/2023 09:59	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/15/2023 01:05	TB
Surr: 4-Bromofluorobenzene	107	69.7-138		%REC	351203	1	02/15/2023 01:05	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-17
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 12:20:00 PM
Lab ID: 2302E25-017	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	15	1.0		ug/L	351333	1	02/15/2023 18:21	OM
Toluene	BRL	1.0		ug/L	351333	1	02/15/2023 18:21	OM
Ethylbenzene	BRL	1.0		ug/L	351333	1	02/15/2023 18:21	OM
Xylenes, Total	BRL	1.0		ug/L	351333	1	02/15/2023 18:21	OM
Methyl tert-butyl ether	110	1.0		ug/L	351333	1	02/15/2023 18:21	OM
Naphthalene	BRL	5.0		ug/L	351333	1	02/15/2023 18:21	OM
1,2-Dichloroethane	BRL	1.0		ug/L	351333	1	02/15/2023 18:21	OM
Ethyl tert-butyl ether	BRL	10		ug/L	351333	1	02/15/2023 18:21	OM
tert-Amyl methyl ether	61	10		ug/L	351333	1	02/15/2023 18:21	OM
Isopropyl ether	500	10		ug/L	351333	1	02/15/2023 18:21	OM
tert-Butyl Alcohol	BRL	100		ug/L	351333	1	02/15/2023 18:21	OM
tert-Amyl alcohol	1100	100		ug/L	351333	1	02/15/2023 18:21	OM
tert-Butyl formate	BRL	100		ug/L	351333	1	02/15/2023 18:21	OM
Ethanol	BRL	100		ug/L	351333	1	02/15/2023 18:21	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351333	1	02/15/2023 18:21	OM
Surr: 4-Bromofluorobenzene	96.2	75-118		%REC	351333	1	02/15/2023 18:21	OM
Surr: Dibromofluoromethane	98.2	82.5-121		%REC	351333	1	02/15/2023 18:21	OM
Surr: Toluene-d8	97	78.3-118		%REC	351333	1	02/15/2023 18:21	OM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/15/2023 01:22	TB
Surr: 4-Bromofluorobenzene	100	69.7-138		%REC	351203	1	02/15/2023 01:22	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-18
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 12:50:00 PM
Lab ID: 2302E25-018	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	11000	100		ug/L	351333	100	02/15/2023 17:15	OM
Toluene	33000	500		ug/L	351333	500	02/16/2023 14:30	CM
Ethylbenzene	2600	100		ug/L	351333	100	02/15/2023 17:15	OM
Xylenes, Total	15000	100		ug/L	351333	100	02/15/2023 17:15	OM
Methyl tert-butyl ether	280	10		ug/L	351333	10	02/15/2023 16:53	OM
Naphthalene	820	50		ug/L	351333	10	02/15/2023 16:53	OM
1,2-Dichloroethane	BRL	10		ug/L	351333	10	02/15/2023 16:53	OM
Ethyl tert-butyl ether	BRL	100		ug/L	351333	10	02/15/2023 16:53	OM
tert-Amyl methyl ether	180	100		ug/L	351333	10	02/15/2023 16:53	OM
Isopropyl ether	1900	100		ug/L	351333	10	02/15/2023 16:53	OM
tert-Butyl Alcohol	BRL	1000		ug/L	351333	10	02/15/2023 16:53	OM
tert-Amyl alcohol	2000	1000		ug/L	351333	10	02/15/2023 16:53	OM
tert-Butyl formate	BRL	1000		ug/L	351333	10	02/15/2023 16:53	OM
Ethanol	BRL	1000		ug/L	351333	10	02/15/2023 16:53	OM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	351333	10	02/15/2023 16:53	OM
Surr: 4-Bromofluorobenzene	96.5	75-118		%REC	351333	500	02/16/2023 14:30	CM
Surr: 4-Bromofluorobenzene	95.8	75-118		%REC	351333	10	02/15/2023 16:53	OM
Surr: 4-Bromofluorobenzene	95.7	75-118		%REC	351333	100	02/15/2023 17:15	OM
Surr: Dibromofluoromethane	95.8	82.5-121		%REC	351333	500	02/16/2023 14:30	CM
Surr: Dibromofluoromethane	97.2	82.5-121		%REC	351333	10	02/15/2023 16:53	OM
Surr: Dibromofluoromethane	99.4	82.5-121		%REC	351333	100	02/15/2023 17:15	OM
Surr: Toluene-d8	101	78.3-118		%REC	351333	500	02/16/2023 14:30	CM
Surr: Toluene-d8	96.1	78.3-118		%REC	351333	100	02/15/2023 17:15	OM
Surr: Toluene-d8	98.1	78.3-118		%REC	351333	10	02/15/2023 16:53	OM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351203	1	02/15/2023 01:39	TB
Surr: 4-Bromofluorobenzene	99.6	69.7-138		%REC	351203	1	02/15/2023 01:39	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-19
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 1:20:00 PM
Lab ID: 2302E25-019	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	710	50		ug/L	351333	50	02/16/2023 15:19	CM
Toluene	15000	500		ug/L	351333	500	02/15/2023 13:26	OM
Ethylbenzene	3700	50		ug/L	351333	50	02/16/2023 15:19	CM
Xylenes, Total	16000	500		ug/L	351333	500	02/15/2023 13:26	OM
Methyl tert-butyl ether	BRL	50		ug/L	351333	50	02/16/2023 15:19	CM
Naphthalene	790	250		ug/L	351333	50	02/16/2023 15:19	CM
1,2-Dichloroethane	BRL	50		ug/L	351333	50	02/16/2023 15:19	CM
Ethyl tert-butyl ether	BRL	500		ug/L	351333	50	02/16/2023 15:19	CM
tert-Amyl methyl ether	BRL	500		ug/L	351333	50	02/16/2023 15:19	CM
Isopropyl ether	BRL	500		ug/L	351333	50	02/16/2023 15:19	CM
tert-Butyl Alcohol	BRL	5000		ug/L	351333	50	02/16/2023 15:19	CM
tert-Amyl alcohol	BRL	5000		ug/L	351333	50	02/16/2023 15:19	CM
tert-Butyl formate	BRL	5000		ug/L	351333	50	02/16/2023 15:19	CM
Ethanol	BRL	5000		ug/L	351333	50	02/16/2023 15:19	CM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	351333	50	02/16/2023 15:19	CM
Surr: 4-Bromofluorobenzene	93.6	75-118		%REC	351333	50	02/16/2023 15:19	CM
Surr: 4-Bromofluorobenzene	95.5	75-118		%REC	351333	500	02/15/2023 13:26	OM
Surr: Dibromofluoromethane	95.9	82.5-121		%REC	351333	50	02/16/2023 15:19	CM
Surr: Dibromofluoromethane	104	82.5-121		%REC	351333	500	02/15/2023 13:26	OM
Surr: Toluene-d8	96.7	78.3-118		%REC	351333	500	02/15/2023 13:26	OM
Surr: Toluene-d8	99.7	78.3-118		%REC	351333	50	02/16/2023 15:19	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 16:33	TB
Surr: 4-Bromofluorobenzene	99.8	69.7-138		%REC	351205	1	02/15/2023 16:33	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-20
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 11:50:00 AM
Lab ID: 2302E25-020	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	400	10		ug/L	351333	10	02/15/2023 19:28	OM
Toluene	4.8	1.0		ug/L	351333	1	02/15/2023 19:06	OM
Ethylbenzene	2.7	1.0		ug/L	351333	1	02/15/2023 19:06	OM
Xylenes, Total	16	1.0		ug/L	351333	1	02/15/2023 19:06	OM
Methyl tert-butyl ether	380	10		ug/L	351333	10	02/15/2023 19:28	OM
Naphthalene	10	5.0		ug/L	351333	1	02/15/2023 19:06	OM
1,2-Dichloroethane	BRL	1.0		ug/L	351333	1	02/15/2023 19:06	OM
Ethyl tert-butyl ether	BRL	10		ug/L	351333	1	02/15/2023 19:06	OM
tert-Amyl methyl ether	72	10		ug/L	351333	1	02/15/2023 19:06	OM
Isopropyl ether	560	10		ug/L	351333	1	02/15/2023 19:06	OM
tert-Butyl Alcohol	BRL	100		ug/L	351333	1	02/15/2023 19:06	OM
tert-Amyl alcohol	770	100		ug/L	351333	1	02/15/2023 19:06	OM
tert-Butyl formate	BRL	100		ug/L	351333	1	02/15/2023 19:06	OM
Ethanol	BRL	100		ug/L	351333	1	02/15/2023 19:06	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351333	1	02/15/2023 19:06	OM
Surr: 4-Bromofluorobenzene	97.1	75-118		%REC	351333	1	02/15/2023 19:06	OM
Surr: 4-Bromofluorobenzene	96.9	75-118		%REC	351333	10	02/15/2023 19:28	OM
Surr: Dibromofluoromethane	99.1	82.5-121		%REC	351333	1	02/15/2023 19:06	OM
Surr: Dibromofluoromethane	101	82.5-121		%REC	351333	10	02/15/2023 19:28	OM
Surr: Toluene-d8	95.4	78.3-118		%REC	351333	10	02/15/2023 19:28	OM
Surr: Toluene-d8	96.5	78.3-118		%REC	351333	1	02/15/2023 19:06	OM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 16:50	TB
Surr: 4-Bromofluorobenzene	100	69.7-138		%REC	351205	1	02/15/2023 16:50	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-21
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 5:15:00 PM
Lab ID: 2302E25-021	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 10:23	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 10:23	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 10:23	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 10:23	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 10:23	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 10:23	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 10:23	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 10:23	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 10:23	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 10:23	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 10:23	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 10:23	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 10:23	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 10:23	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 10:23	CM
Surr: 4-Bromofluorobenzene	99.4	75-118		%REC	351210	1	02/14/2023 10:23	CM
Surr: Dibromofluoromethane	99.1	82.5-121		%REC	351210	1	02/14/2023 10:23	CM
Surr: Toluene-d8	101	78.3-118		%REC	351210	1	02/14/2023 10:23	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 17:07	TB
Surr: 4-Bromofluorobenzene	98.5	69.7-138		%REC	351205	1	02/15/2023 17:07	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-22
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 10:45:00 AM
Lab ID: 2302E25-022	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 10:48	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 10:48	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 10:48	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 10:48	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 10:48	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 10:48	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 10:48	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 10:48	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 10:48	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 10:48	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 10:48	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 10:48	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 10:48	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 10:48	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 10:48	CM
Surr: 4-Bromofluorobenzene	98.9	75-118		%REC	351210	1	02/14/2023 10:48	CM
Surr: Dibromofluoromethane	97.9	82.5-121		%REC	351210	1	02/14/2023 10:48	CM
Surr: Toluene-d8	101	78.3-118		%REC	351210	1	02/14/2023 10:48	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 17:25	TB
Surr: 4-Bromofluorobenzene	114	69.7-138		%REC	351205	1	02/15/2023 17:25	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-23
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 11:15:00 AM
Lab ID: 2302E25-023	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 11:13	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 11:13	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 11:13	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 11:13	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 11:13	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 11:13	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 11:13	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 11:13	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 11:13	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 11:13	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 11:13	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 11:13	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 11:13	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 11:13	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 11:13	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	351210	1	02/14/2023 11:13	CM
Surr: Dibromofluoromethane	99.1	82.5-121		%REC	351210	1	02/14/2023 11:13	CM
Surr: Toluene-d8	99.2	78.3-118		%REC	351210	1	02/14/2023 11:13	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 18:16	TB
Surr: 4-Bromofluorobenzene	112	69.7-138		%REC	351205	1	02/15/2023 18:16	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-24
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 11:00:00 AM
Lab ID: 2302E25-024	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 11:38	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 11:38	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 11:38	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 11:38	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 11:38	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 11:38	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 11:38	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 11:38	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 11:38	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 11:38	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 11:38	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 11:38	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 11:38	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 11:38	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 11:38	CM
Surr: 4-Bromofluorobenzene	99.1	75-118		%REC	351210	1	02/14/2023 11:38	CM
Surr: Dibromofluoromethane	98.9	82.5-121		%REC	351210	1	02/14/2023 11:38	CM
Surr: Toluene-d8	100	78.3-118		%REC	351210	1	02/14/2023 11:38	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 18:33	TB
Surr: 4-Bromofluorobenzene	101	69.7-138		%REC	351205	1	02/15/2023 18:33	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 MW-25
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 4:15:00 PM
Lab ID: 2302E25-025	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	270	10		ug/L	351333	10	02/15/2023 17:59	OM
Toluene	170	1.0		ug/L	351333	1	02/16/2023 13:40	CM
Ethylbenzene	110	1.0		ug/L	351333	1	02/16/2023 13:40	CM
Xylenes, Total	290	1.0		ug/L	351333	1	02/16/2023 13:40	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351333	1	02/16/2023 13:40	CM
Naphthalene	7.2	5.0		ug/L	351333	1	02/16/2023 13:40	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351333	1	02/16/2023 13:40	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351333	1	02/16/2023 13:40	CM
tert-Amyl methyl ether	BRL	10		ug/L	351333	1	02/16/2023 13:40	CM
Isopropyl ether	46	10		ug/L	351333	1	02/16/2023 13:40	CM
tert-Butyl Alcohol	BRL	100		ug/L	351333	1	02/16/2023 13:40	CM
tert-Amyl alcohol	170	100		ug/L	351333	1	02/16/2023 13:40	CM
tert-Butyl formate	BRL	100		ug/L	351333	1	02/16/2023 13:40	CM
Ethanol	BRL	100		ug/L	351333	1	02/16/2023 13:40	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351333	1	02/16/2023 13:40	CM
Surr: 4-Bromofluorobenzene	96.4	75-118		%REC	351333	1	02/16/2023 13:40	CM
Surr: 4-Bromofluorobenzene	96.7	75-118		%REC	351333	10	02/15/2023 17:59	OM
Surr: Dibromofluoromethane	97.3	82.5-121		%REC	351333	1	02/16/2023 13:40	CM
Surr: Dibromofluoromethane	100	82.5-121		%REC	351333	10	02/15/2023 17:59	OM
Surr: Toluene-d8	96.2	78.3-118		%REC	351333	10	02/15/2023 17:59	OM
Surr: Toluene-d8	102	78.3-118		%REC	351333	1	02/16/2023 13:40	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 18:50	TB
Surr: 4-Bromofluorobenzene	115	69.7-138		%REC	351205	1	02/15/2023 18:50	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 RW-1
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 7:05:00 PM
Lab ID: 2302E25-026	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	22000	1000		ug/L	351282	1000	02/14/2023 21:31	CM
Toluene	52000	1000		ug/L	351282	1000	02/14/2023 21:31	CM
Ethylbenzene	3100	100		ug/L	351282	100	02/14/2023 21:06	CM
Xylenes, Total	21000	100		ug/L	351282	100	02/14/2023 21:06	CM
Methyl tert-butyl ether	2700	100		ug/L	351282	100	02/14/2023 21:06	CM
Naphthalene	670	500		ug/L	351282	100	02/14/2023 21:06	CM
1,2-Dichloroethane	BRL	100		ug/L	351282	100	02/14/2023 21:06	CM
Ethyl tert-butyl ether	BRL	1000		ug/L	351282	100	02/14/2023 21:06	CM
tert-Amyl methyl ether	BRL	1000		ug/L	351282	100	02/14/2023 21:06	CM
Isopropyl ether	6400	1000		ug/L	351282	100	02/14/2023 21:06	CM
tert-Butyl Alcohol	BRL	10000		ug/L	351282	100	02/14/2023 21:06	CM
tert-Amyl alcohol	67000	10000		ug/L	351282	100	02/14/2023 21:06	CM
tert-Butyl formate	BRL	10000		ug/L	351282	100	02/14/2023 21:06	CM
Ethanol	BRL	10000		ug/L	351282	100	02/14/2023 21:06	CM
3,3-Dimethyl-1-butanol	BRL	10000		ug/L	351282	100	02/14/2023 21:06	CM
Surr: 4-Bromofluorobenzene	98.2	75-118		%REC	351282	100	02/14/2023 21:06	CM
Surr: 4-Bromofluorobenzene	99.2	75-118		%REC	351282	1000	02/14/2023 21:31	CM
Surr: Dibromofluoromethane	96.6	82.5-121		%REC	351282	1000	02/14/2023 21:31	CM
Surr: Dibromofluoromethane	98.9	82.5-121		%REC	351282	100	02/14/2023 21:06	CM
Surr: Toluene-d8	101	78.3-118		%REC	351282	1000	02/14/2023 21:31	CM
Surr: Toluene-d8	102	78.3-118		%REC	351282	100	02/14/2023 21:06	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 19:07	TB
Surr: 4-Bromofluorobenzene	116	69.7-138		%REC	351205	1	02/15/2023 19:07	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 RW-2
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 7:20:00 PM
Lab ID: 2302E25-027	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	35000	5000		ug/L	351282	5000	02/14/2023 19:02	CM
Toluene	72000	5000		ug/L	351282	5000	02/14/2023 19:02	CM
Ethylbenzene	BRL	5000		ug/L	351282	5000	02/14/2023 19:02	CM
Xylenes, Total	17000	5000		ug/L	351282	5000	02/14/2023 19:02	CM
Methyl tert-butyl ether	BRL	5000		ug/L	351282	5000	02/14/2023 19:02	CM
Naphthalene	BRL	25000		ug/L	351282	5000	02/14/2023 19:02	CM
1,2-Dichloroethane	BRL	5000		ug/L	351282	5000	02/14/2023 19:02	CM
Ethyl tert-butyl ether	BRL	50000		ug/L	351282	5000	02/14/2023 19:02	CM
tert-Amyl methyl ether	BRL	50000		ug/L	351282	5000	02/14/2023 19:02	CM
Isopropyl ether	BRL	50000		ug/L	351282	5000	02/14/2023 19:02	CM
tert-Butyl Alcohol	BRL	500000		ug/L	351282	5000	02/14/2023 19:02	CM
tert-Amyl alcohol	BRL	500000		ug/L	351282	5000	02/14/2023 19:02	CM
tert-Butyl formate	BRL	500000		ug/L	351282	5000	02/14/2023 19:02	CM
Ethanol	75000000	5000000		ug/L	351282	50000	02/14/2023 19:27	CM
3,3-Dimethyl-1-butanol	BRL	500000		ug/L	351282	5000	02/14/2023 19:02	CM
Surr: 4-Bromofluorobenzene	101	75-118		%REC	351282	50000	02/14/2023 19:27	CM
Surr: 4-Bromofluorobenzene	99.9	75-118		%REC	351282	5000	02/14/2023 19:02	CM
Surr: Dibromofluoromethane	98	82.5-121		%REC	351282	50000	02/14/2023 19:27	CM
Surr: Dibromofluoromethane	98.2	82.5-121		%REC	351282	5000	02/14/2023 19:02	CM
Surr: Toluene-d8	100	78.3-118		%REC	351282	50000	02/14/2023 19:27	CM
Surr: Toluene-d8	100	78.3-118		%REC	351282	5000	02/14/2023 19:02	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.021		ug/L	351205	1	02/15/2023 19:24	TB
Surr: 4-Bromofluorobenzene	101	69.7-138		%REC	351205	1	02/15/2023 19:24	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 RW-3
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 8:05:00 PM
Lab ID: 2302E25-028	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	24000	500		ug/L	351282	500	02/15/2023 01:38	CM
Toluene	50000	500		ug/L	351282	500	02/15/2023 01:38	CM
Ethylbenzene	2700	50		ug/L	351282	50	02/15/2023 01:13	CM
Xylenes, Total	15000	50		ug/L	351282	50	02/15/2023 01:13	CM
Methyl tert-butyl ether	3100	50		ug/L	351282	50	02/15/2023 01:13	CM
Naphthalene	590	250		ug/L	351282	50	02/15/2023 01:13	CM
1,2-Dichloroethane	BRL	50		ug/L	351282	50	02/15/2023 01:13	CM
Ethyl tert-butyl ether	BRL	500		ug/L	351282	50	02/15/2023 01:13	CM
tert-Amyl methyl ether	850	500		ug/L	351282	50	02/15/2023 01:13	CM
Isopropyl ether	7500	500		ug/L	351282	50	02/15/2023 01:13	CM
tert-Butyl Alcohol	BRL	5000		ug/L	351282	50	02/15/2023 01:13	CM
tert-Amyl alcohol	34000	5000		ug/L	351282	50	02/15/2023 01:13	CM
tert-Butyl formate	BRL	5000		ug/L	351282	50	02/15/2023 01:13	CM
Ethanol	BRL	5000		ug/L	351282	50	02/15/2023 01:13	CM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	351282	50	02/15/2023 01:13	CM
Surr: 4-Bromofluorobenzene	96.9	75-118		%REC	351282	50	02/15/2023 01:13	CM
Surr: 4-Bromofluorobenzene	97.1	75-118		%REC	351282	500	02/15/2023 01:38	CM
Surr: Dibromofluoromethane	95.1	82.5-121		%REC	351282	500	02/15/2023 01:38	CM
Surr: Dibromofluoromethane	97.4	82.5-121		%REC	351282	50	02/15/2023 01:13	CM
Surr: Toluene-d8	101	78.3-118		%REC	351282	500	02/15/2023 01:38	CM
Surr: Toluene-d8	102	78.3-118		%REC	351282	50	02/15/2023 01:13	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 19:41	TB
Surr: 4-Bromofluorobenzene	110	69.7-138		%REC	351205	1	02/15/2023 19:41	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 DW-1
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 6:50:00 PM
Lab ID: 2302E25-029	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	4.7	1.0		ug/L	351210	1	02/14/2023 12:02	CM
Toluene	15	1.0		ug/L	351210	1	02/14/2023 12:02	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 12:02	CM
Xylenes, Total	5.0	1.0		ug/L	351210	1	02/14/2023 12:02	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 12:02	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 12:02	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 12:02	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 12:02	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 12:02	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 12:02	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 12:02	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 12:02	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 12:02	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 12:02	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 12:02	CM
Surr: 4-Bromofluorobenzene	99.5	75-118		%REC	351210	1	02/14/2023 12:02	CM
Surr: Dibromofluoromethane	99.3	82.5-121		%REC	351210	1	02/14/2023 12:02	CM
Surr: Toluene-d8	101	78.3-118		%REC	351210	1	02/14/2023 12:02	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 20:15	TB
Surr: 4-Bromofluorobenzene	111	69.7-138		%REC	351205	1	02/15/2023 20:15	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 DW-2
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 2:30:00 PM
Lab ID: 2302E25-030	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 12:26	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 12:26	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 12:26	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 12:26	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 12:26	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 12:26	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 12:26	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 12:26	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 12:26	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 12:26	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 12:26	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 12:26	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 12:26	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 12:26	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 12:26	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	351210	1	02/14/2023 12:26	CM
Surr: Dibromofluoromethane	100	82.5-121		%REC	351210	1	02/14/2023 12:26	CM
Surr: Toluene-d8	100	78.3-118		%REC	351210	1	02/14/2023 12:26	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 20:32	TB
Surr: 4-Bromofluorobenzene	108	69.7-138		%REC	351205	1	02/15/2023 20:32	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 DW-3
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 1:55:00 PM
Lab ID: 2302E25-031	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 12:51	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 12:51	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 12:51	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 12:51	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 12:51	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 12:51	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 12:51	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 12:51	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 12:51	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 12:51	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 12:51	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 12:51	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 12:51	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 12:51	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 12:51	CM
Surr: 4-Bromofluorobenzene	98.2	75-118		%REC	351210	1	02/14/2023 12:51	CM
Surr: Dibromofluoromethane	99.2	82.5-121		%REC	351210	1	02/14/2023 12:51	CM
Surr: Toluene-d8	101	78.3-118		%REC	351210	1	02/14/2023 12:51	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 21:06	TB
Surr: 4-Bromofluorobenzene	112	69.7-138		%REC	351205	1	02/15/2023 21:06	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 DW-4
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 11:35:00 AM
Lab ID: 2302E25-032	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 13:15	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 13:15	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 13:15	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 13:15	CM
Methyl tert-butyl ether	25	1.0		ug/L	351210	1	02/14/2023 13:15	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 13:15	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 13:15	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 13:15	CM
tert-Amyl methyl ether	12	10		ug/L	351210	1	02/14/2023 13:15	CM
Isopropyl ether	200	10		ug/L	351210	1	02/14/2023 13:15	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 13:15	CM
tert-Amyl alcohol	250	100		ug/L	351210	1	02/15/2023 14:32	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 13:15	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 13:15	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 13:15	CM
Surr: 4-Bromofluorobenzene	94.3	75-118		%REC	351210	1	02/15/2023 14:32	CM
Surr: 4-Bromofluorobenzene	100	75-118		%REC	351210	1	02/14/2023 13:15	CM
Surr: Dibromofluoromethane	92.9	82.5-121		%REC	351210	1	02/15/2023 14:32	CM
Surr: Dibromofluoromethane	99.5	82.5-121		%REC	351210	1	02/14/2023 13:15	CM
Surr: Toluene-d8	101	78.3-118		%REC	351210	1	02/15/2023 14:32	CM
Surr: Toluene-d8	101	78.3-118		%REC	351210	1	02/14/2023 13:15	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 21:23	TB
Surr: 4-Bromofluorobenzene	110	69.7-138		%REC	351205	1	02/15/2023 21:23	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 SW-1
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 3:30:00 PM
Lab ID: 2302E25-033	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/14/2023 13:40	CM
Toluene	BRL	1.0		ug/L	351210	1	02/14/2023 13:40	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/14/2023 13:40	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/14/2023 13:40	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/14/2023 13:40	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/14/2023 13:40	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 13:40	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 13:40	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/14/2023 13:40	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/14/2023 13:40	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 13:40	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/14/2023 13:40	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 13:40	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 13:40	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 13:40	CM
Surr: 4-Bromofluorobenzene	99.9	75-118		%REC	351210	1	02/14/2023 13:40	CM
Surr: Dibromofluoromethane	98.8	82.5-121		%REC	351210	1	02/14/2023 13:40	CM
Surr: Toluene-d8	99.8	78.3-118		%REC	351210	1	02/14/2023 13:40	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 21:40	TB
Surr: 4-Bromofluorobenzene	101	69.7-138		%REC	351205	1	02/15/2023 21:40	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 SW-2
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 1:05:00 PM
Lab ID: 2302E25-034	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	1500	50		ug/L	351210	50	02/15/2023 11:14	CM
Toluene	2700	50		ug/L	351210	50	02/15/2023 11:14	CM
Ethylbenzene	160	1.0		ug/L	351210	1	02/14/2023 14:05	CM
Xylenes, Total	920	50		ug/L	351210	50	02/15/2023 11:14	CM
Methyl tert-butyl ether	4.2	1.0		ug/L	351210	1	02/14/2023 14:05	CM
Naphthalene	16	5.0		ug/L	351210	1	02/14/2023 14:05	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 14:05	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 14:05	CM
tert-Amyl methyl ether	20	10		ug/L	351210	1	02/14/2023 14:05	CM
Isopropyl ether	300	10		ug/L	351210	1	02/14/2023 14:05	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 14:05	CM
tert-Amyl alcohol	900	100		ug/L	351210	1	02/15/2023 15:21	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 14:05	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 14:05	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 14:05	CM
Surr: 4-Bromofluorobenzene	97	75-118		%REC	351210	50	02/15/2023 11:14	CM
Surr: 4-Bromofluorobenzene	96.4	75-118		%REC	351210	1	02/15/2023 15:21	CM
Surr: 4-Bromofluorobenzene	99.8	75-118		%REC	351210	1	02/14/2023 14:05	CM
Surr: Dibromofluoromethane	96.9	82.5-121		%REC	351210	50	02/15/2023 11:14	CM
Surr: Dibromofluoromethane	97	82.5-121		%REC	351210	1	02/15/2023 15:21	CM
Surr: Dibromofluoromethane	99.8	82.5-121		%REC	351210	1	02/14/2023 14:05	CM
Surr: Toluene-d8	98.5	78.3-118		%REC	351210	50	02/15/2023 11:14	CM
Surr: Toluene-d8	102	78.3-118		%REC	351210	1	02/14/2023 14:05	CM
Surr: Toluene-d8	104	78.3-118		%REC	351210	1	02/15/2023 15:21	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 21:57	TB
Surr: 4-Bromofluorobenzene	119	69.7-138		%REC	351205	1	02/15/2023 21:57	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 SW-3
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 12:35:00 PM
Lab ID: 2302E25-035	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	590	50		ug/L	351210	50	02/15/2023 11:39	CM
Toluene	980	50		ug/L	351210	50	02/15/2023 11:39	CM
Ethylbenzene	54	1.0		ug/L	351210	1	02/14/2023 14:30	CM
Xylenes, Total	380	1.0		ug/L	351210	1	02/15/2023 14:57	CM
Methyl tert-butyl ether	6.4	1.0		ug/L	351210	1	02/14/2023 14:30	CM
Naphthalene	7.4	5.0		ug/L	351210	1	02/14/2023 14:30	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/14/2023 14:30	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/14/2023 14:30	CM
tert-Amyl methyl ether	16	10		ug/L	351210	1	02/14/2023 14:30	CM
Isopropyl ether	220	10		ug/L	351210	1	02/14/2023 14:30	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/14/2023 14:30	CM
tert-Amyl alcohol	390	100		ug/L	351210	1	02/15/2023 14:57	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/14/2023 14:30	CM
Ethanol	BRL	100		ug/L	351210	1	02/14/2023 14:30	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/14/2023 14:30	CM
Surr: 4-Bromofluorobenzene	97.7	75-118		%REC	351210	50	02/15/2023 11:39	CM
Surr: 4-Bromofluorobenzene	95.9	75-118		%REC	351210	1	02/15/2023 14:57	CM
Surr: 4-Bromofluorobenzene	99.2	75-118		%REC	351210	1	02/14/2023 14:30	CM
Surr: Dibromofluoromethane	96.2	82.5-121		%REC	351210	50	02/15/2023 11:39	CM
Surr: Dibromofluoromethane	95.5	82.5-121		%REC	351210	1	02/15/2023 14:57	CM
Surr: Dibromofluoromethane	98.1	82.5-121		%REC	351210	1	02/14/2023 14:30	CM
Surr: Toluene-d8	100	78.3-118		%REC	351210	50	02/15/2023 11:39	CM
Surr: Toluene-d8	102	78.3-118		%REC	351210	1	02/15/2023 14:57	CM
Surr: Toluene-d8	102	78.3-118		%REC	351210	1	02/14/2023 14:30	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 22:14	TB
Surr: 4-Bromofluorobenzene	127	69.7-138		%REC	351205	1	02/15/2023 22:14	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 SW-4
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 12:05:00 PM
Lab ID: 2302E25-036	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	330	10		ug/L	351333	10	02/16/2023 15:44	CM
Toluene	550	10		ug/L	351333	10	02/16/2023 15:44	CM
Ethylbenzene	24	1.0		ug/L	351333	1	02/15/2023 11:18	OM
Xylenes, Total	210	1.0		ug/L	351333	1	02/15/2023 11:18	OM
Methyl tert-butyl ether	5.1	1.0		ug/L	351333	1	02/15/2023 11:18	OM
Naphthalene	BRL	5.0		ug/L	351333	1	02/15/2023 11:18	OM
1,2-Dichloroethane	BRL	1.0		ug/L	351333	1	02/15/2023 11:18	OM
Ethyl tert-butyl ether	BRL	10		ug/L	351333	1	02/15/2023 11:18	OM
tert-Amyl methyl ether	11	10		ug/L	351333	1	02/15/2023 11:18	OM
Isopropyl ether	140	10		ug/L	351333	1	02/15/2023 11:18	OM
tert-Butyl Alcohol	BRL	100		ug/L	351333	1	02/15/2023 11:18	OM
tert-Amyl alcohol	220	100		ug/L	351333	1	02/15/2023 11:18	OM
tert-Butyl formate	BRL	100		ug/L	351333	1	02/15/2023 11:18	OM
Ethanol	BRL	100		ug/L	351333	1	02/15/2023 11:18	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351333	1	02/15/2023 11:18	OM
Surr: 4-Bromofluorobenzene	96.9	75-118		%REC	351333	1	02/15/2023 11:18	OM
Surr: 4-Bromofluorobenzene	96.2	75-118		%REC	351333	10	02/16/2023 15:44	CM
Surr: Dibromofluoromethane	94.4	82.5-121		%REC	351333	10	02/16/2023 15:44	CM
Surr: Dibromofluoromethane	102	82.5-121		%REC	351333	1	02/15/2023 11:18	OM
Surr: Toluene-d8	97.3	78.3-118		%REC	351333	1	02/15/2023 11:18	OM
Surr: Toluene-d8	99.3	78.3-118		%REC	351333	10	02/16/2023 15:44	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351205	1	02/15/2023 22:31	TB
Surr: 4-Bromofluorobenzene	122	69.7-138		%REC	351205	1	02/15/2023 22:31	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 SW-5
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 5:30:00 PM
Lab ID: 2302E25-037	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	48	1.0		ug/L	351333	1	02/15/2023 11:41	OM
Toluene	120	1.0		ug/L	351333	1	02/15/2023 11:41	OM
Ethylbenzene	7.7	1.0		ug/L	351333	1	02/15/2023 11:41	OM
Xylenes, Total	160	1.0		ug/L	351333	1	02/15/2023 11:41	OM
Methyl tert-butyl ether	1.4	1.0		ug/L	351333	1	02/15/2023 11:41	OM
Naphthalene	5.5	5.0		ug/L	351333	1	02/15/2023 11:41	OM
1,2-Dichloroethane	BRL	1.0		ug/L	351333	1	02/15/2023 11:41	OM
Ethyl tert-butyl ether	BRL	10		ug/L	351333	1	02/15/2023 11:41	OM
tert-Amyl methyl ether	BRL	10		ug/L	351333	1	02/15/2023 11:41	OM
Isopropyl ether	38	10		ug/L	351333	1	02/15/2023 11:41	OM
tert-Butyl Alcohol	BRL	100		ug/L	351333	1	02/15/2023 11:41	OM
tert-Amyl alcohol	BRL	100		ug/L	351333	1	02/15/2023 11:41	OM
tert-Butyl formate	BRL	100		ug/L	351333	1	02/15/2023 11:41	OM
Ethanol	BRL	100		ug/L	351333	1	02/15/2023 11:41	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351333	1	02/15/2023 11:41	OM
Surr: 4-Bromofluorobenzene	96.7	75-118		%REC	351333	1	02/15/2023 11:41	OM
Surr: Dibromofluoromethane	103	82.5-121		%REC	351333	1	02/15/2023 11:41	OM
Surr: Toluene-d8	97.8	78.3-118		%REC	351333	1	02/15/2023 11:41	OM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351253	1	02/15/2023 16:41	TB
Surr: 4-Bromofluorobenzene	122	69.7-138		%REC	351253	1	02/15/2023 16:41	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 SW-6
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 10:30:00 AM
Lab ID: 2302E25-038	Matrix: Surface Water

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351333	1	02/15/2023 12:03	OM
Toluene	BRL	1.0		ug/L	351333	1	02/15/2023 12:03	OM
Ethylbenzene	BRL	1.0		ug/L	351333	1	02/15/2023 12:03	OM
Xylenes, Total	BRL	1.0		ug/L	351333	1	02/15/2023 12:03	OM
Methyl tert-butyl ether	BRL	1.0		ug/L	351333	1	02/15/2023 12:03	OM
Naphthalene	BRL	5.0		ug/L	351333	1	02/15/2023 12:03	OM
1,2-Dichloroethane	BRL	1.0		ug/L	351333	1	02/15/2023 12:03	OM
Ethyl tert-butyl ether	BRL	10		ug/L	351333	1	02/15/2023 12:03	OM
tert-Amyl methyl ether	BRL	10		ug/L	351333	1	02/15/2023 12:03	OM
Isopropyl ether	BRL	10		ug/L	351333	1	02/15/2023 12:03	OM
tert-Butyl Alcohol	BRL	100		ug/L	351333	1	02/15/2023 12:03	OM
tert-Amyl alcohol	BRL	100		ug/L	351333	1	02/15/2023 12:03	OM
tert-Butyl formate	BRL	100		ug/L	351333	1	02/15/2023 12:03	OM
Ethanol	BRL	100		ug/L	351333	1	02/15/2023 12:03	OM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351333	1	02/15/2023 12:03	OM
Surr: 4-Bromofluorobenzene	95.5	75-118		%REC	351333	1	02/15/2023 12:03	OM
Surr: Dibromofluoromethane	105	82.5-121		%REC	351333	1	02/15/2023 12:03	OM
Surr: Toluene-d8	97.3	78.3-118		%REC	351333	1	02/15/2023 12:03	OM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351253	1	02/15/2023 17:16	TB
Surr: 4-Bromofluorobenzene	108	69.7-138		%REC	351253	1	02/15/2023 17:16	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 DUP-1
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 1:40:00 PM
Lab ID: 2302E25-039	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	29	1.0		ug/L	351333	1	02/16/2023 13:15	CM
Toluene	130	1.0		ug/L	351333	1	02/16/2023 13:15	CM
Ethylbenzene	17	1.0		ug/L	351333	1	02/16/2023 13:15	CM
Xylenes, Total	270	1.0		ug/L	351333	1	02/16/2023 13:15	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351333	1	02/16/2023 13:15	CM
Naphthalene	21	5.0		ug/L	351333	1	02/16/2023 13:15	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351333	1	02/16/2023 13:15	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351333	1	02/16/2023 13:15	CM
tert-Amyl methyl ether	BRL	10		ug/L	351333	1	02/16/2023 13:15	CM
Isopropyl ether	BRL	10		ug/L	351333	1	02/16/2023 13:15	CM
tert-Butyl Alcohol	BRL	100		ug/L	351333	1	02/16/2023 13:15	CM
tert-Amyl alcohol	BRL	100		ug/L	351333	1	02/16/2023 13:15	CM
tert-Butyl formate	BRL	100		ug/L	351333	1	02/16/2023 13:15	CM
Ethanol	BRL	100		ug/L	351333	1	02/16/2023 13:15	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351333	1	02/16/2023 13:15	CM
Surr: 4-Bromofluorobenzene	97	75-118		%REC	351333	1	02/16/2023 13:15	CM
Surr: Dibromofluoromethane	97.4	82.5-121		%REC	351333	1	02/16/2023 13:15	CM
Surr: Toluene-d8	99.8	78.3-118		%REC	351333	1	02/16/2023 13:15	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351253	1	02/15/2023 17:33	TB
Surr: 4-Bromofluorobenzene	127	69.7-138		%REC	351253	1	02/15/2023 17:33	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 DUP-2
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 2:50:00 PM
Lab ID: 2302E25-040	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	5600	100		ug/L	351333	100	02/15/2023 16:23	OM
Toluene	18000	100		ug/L	351333	100	02/15/2023 16:23	OM
Ethylbenzene	1600	10		ug/L	351333	10	02/15/2023 16:01	OM
Xylenes, Total	9800	100		ug/L	351333	100	02/15/2023 16:23	OM
Methyl tert-butyl ether	190	10		ug/L	351333	10	02/15/2023 16:01	OM
Naphthalene	410	50		ug/L	351333	10	02/15/2023 16:01	OM
1,2-Dichloroethane	BRL	10		ug/L	351333	10	02/15/2023 16:01	OM
Ethyl tert-butyl ether	BRL	100		ug/L	351333	10	02/15/2023 16:01	OM
tert-Amyl methyl ether	BRL	100		ug/L	351333	10	02/15/2023 16:01	OM
Isopropyl ether	850	100		ug/L	351333	10	02/15/2023 16:01	OM
tert-Butyl Alcohol	BRL	1000		ug/L	351333	10	02/15/2023 16:01	OM
tert-Amyl alcohol	9800	1000		ug/L	351333	10	02/15/2023 16:01	OM
tert-Butyl formate	BRL	1000		ug/L	351333	10	02/15/2023 16:01	OM
Ethanol	BRL	1000		ug/L	351333	10	02/15/2023 16:01	OM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	351333	10	02/15/2023 16:01	OM
Surr: 4-Bromofluorobenzene	95.7	75-118		%REC	351333	10	02/15/2023 16:01	OM
Surr: 4-Bromofluorobenzene	96.8	75-118		%REC	351333	100	02/15/2023 16:23	OM
Surr: Dibromofluoromethane	98.8	82.5-121		%REC	351333	10	02/15/2023 16:01	OM
Surr: Dibromofluoromethane	101	82.5-121		%REC	351333	100	02/15/2023 16:23	OM
Surr: Toluene-d8	95.6	78.3-118		%REC	351333	100	02/15/2023 16:23	OM
Surr: Toluene-d8	97.3	78.3-118		%REC	351333	10	02/15/2023 16:01	OM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351253	1	02/15/2023 17:50	TB
Surr: 4-Bromofluorobenzene	83	69.7-138		%REC	351253	1	02/15/2023 17:50	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 EQUIPMENT BLANK
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 8:30:00 PM
Lab ID: 2302E25-041	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/13/2023 19:01	CM
Toluene	BRL	1.0		ug/L	351210	1	02/13/2023 19:01	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/13/2023 19:01	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/13/2023 19:01	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/13/2023 19:01	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/13/2023 19:01	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/13/2023 19:01	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/13/2023 19:01	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/13/2023 19:01	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/13/2023 19:01	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/13/2023 19:01	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/13/2023 19:01	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/13/2023 19:01	CM
Ethanol	BRL	100		ug/L	351210	1	02/13/2023 19:01	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/13/2023 19:01	CM
Surr: 4-Bromofluorobenzene	96.6	75-118		%REC	351210	1	02/13/2023 19:01	CM
Surr: Dibromofluoromethane	96.3	82.5-121		%REC	351210	1	02/13/2023 19:01	CM
Surr: Toluene-d8	99.8	78.3-118		%REC	351210	1	02/13/2023 19:01	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351253	1	02/15/2023 18:41	TB
Surr: 4-Bromofluorobenzene	105	69.7-138		%REC	351253	1	02/15/2023 18:41	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 FIELD BLANK
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023 8:35:00 PM
Lab ID: 2302E25-042	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/13/2023 19:25	CM
Toluene	BRL	1.0		ug/L	351210	1	02/13/2023 19:25	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/13/2023 19:25	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/13/2023 19:25	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/13/2023 19:25	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/13/2023 19:25	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/13/2023 19:25	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/13/2023 19:25	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/13/2023 19:25	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/13/2023 19:25	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/13/2023 19:25	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/13/2023 19:25	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/13/2023 19:25	CM
Ethanol	BRL	100		ug/L	351210	1	02/13/2023 19:25	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/13/2023 19:25	CM
Surr: 4-Bromofluorobenzene	98.8	75-118		%REC	351210	1	02/13/2023 19:25	CM
Surr: Dibromofluoromethane	96.7	82.5-121		%REC	351210	1	02/13/2023 19:25	CM
Surr: Toluene-d8	101	78.3-118		%REC	351210	1	02/13/2023 19:25	CM
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011				(SW8011)				
1,2-Dibromoethane	BRL	0.020		ug/L	351253	1	02/15/2023 18:57	TB
Surr: 4-Bromofluorobenzene	107	69.7-138		%REC	351253	1	02/15/2023 18:57	TB

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Lab ID: 2302E25-043

Client Sample ID: # 04785 TRIP BLANK
Collection Date: 2/7/2023
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/13/2023 18:11	CM
Toluene	BRL	1.0		ug/L	351210	1	02/13/2023 18:11	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/13/2023 18:11	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/13/2023 18:11	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/13/2023 18:11	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/13/2023 18:11	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/13/2023 18:11	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/13/2023 18:11	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/13/2023 18:11	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/13/2023 18:11	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/13/2023 18:11	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/13/2023 18:11	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/13/2023 18:11	CM
Ethanol	BRL	100		ug/L	351210	1	02/13/2023 18:11	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/13/2023 18:11	CM
Surr: 4-Bromofluorobenzene	97.8	75-118		%REC	351210	1	02/13/2023 18:11	CM
Surr: Dibromofluoromethane	97.1	82.5-121		%REC	351210	1	02/13/2023 18:11	CM
Surr: Toluene-d8	99.9	78.3-118		%REC	351210	1	02/13/2023 18:11	CM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: KLM Environmental, LLC	Client Sample ID: # 04785 TRIP BLANK 2
Project Name: Quick Pantry # 19	Collection Date: 2/7/2023
Lab ID: 2302E25-044	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds SW8260D				(SW5030B)				
Benzene	BRL	1.0		ug/L	351210	1	02/13/2023 18:36	CM
Toluene	BRL	1.0		ug/L	351210	1	02/13/2023 18:36	CM
Ethylbenzene	BRL	1.0		ug/L	351210	1	02/13/2023 18:36	CM
Xylenes, Total	BRL	1.0		ug/L	351210	1	02/13/2023 18:36	CM
Methyl tert-butyl ether	BRL	1.0		ug/L	351210	1	02/13/2023 18:36	CM
Naphthalene	BRL	5.0		ug/L	351210	1	02/13/2023 18:36	CM
1,2-Dichloroethane	BRL	1.0		ug/L	351210	1	02/13/2023 18:36	CM
Ethyl tert-butyl ether	BRL	10		ug/L	351210	1	02/13/2023 18:36	CM
tert-Amyl methyl ether	BRL	10		ug/L	351210	1	02/13/2023 18:36	CM
Isopropyl ether	BRL	10		ug/L	351210	1	02/13/2023 18:36	CM
tert-Butyl Alcohol	BRL	100		ug/L	351210	1	02/13/2023 18:36	CM
tert-Amyl alcohol	BRL	100		ug/L	351210	1	02/13/2023 18:36	CM
tert-Butyl formate	BRL	100		ug/L	351210	1	02/13/2023 18:36	CM
Ethanol	BRL	100		ug/L	351210	1	02/13/2023 18:36	CM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	351210	1	02/13/2023 18:36	CM
Surr: 4-Bromofluorobenzene	98.1	75-118		%REC	351210	1	02/13/2023 18:36	CM
Surr: Dibromofluoromethane	96.8	82.5-121		%REC	351210	1	02/13/2023 18:36	CM
Surr: Toluene-d8	99.6	78.3-118		%REC	351210	1	02/13/2023 18:36	CM

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

SAMPLE/COOLER RECEIPT CHECKLIST

Clear

Save as

1. Client Name: KLM Environmental, LLC

AES Work Order Number: 2302E25

2. Carrier: FedEx UPS USPS Client Courier Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
5. Custody seals intact on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
6. Temperature blanks present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
8. Chain of Custody (COC) present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
9. Chain of Custody signed, dated, and timed when relinquished and received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
10. Sampler name and/or signature on COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
11. Were all samples received within holding time?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
12. TAT marked on the COC?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input checked="" type="checkbox"/>	

13. Cooler 1 Temperature 1.3 °C Cooler 2 Temperature 1.8 °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C

14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). CD 02/10/23

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
17. Custody seals present on sample containers?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
18. Custody seals intact on sample containers?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
19. Do sample container labels match the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
20. Are analyses requested indicated on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
21. Were all of the samples listed on the COC received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
22. Was the sample collection date/time noted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
23. Did we receive sufficient sample volume for indicated analyses?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
24. Were samples received in appropriate containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
25. Were VOA samples received without headspace (< 1/4" bubble)?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
26. Were trip blanks submitted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	listed on COC <input checked="" type="checkbox"/> not listed on COC <input type="checkbox"/>	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). CW 2/13/23

This section only applies to samples where pH can be checked at Sample Receipt.

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
29. Containers meet preservation guidelines?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
30. Was pH adjusted at Sample Receipt?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

I certify that I have completed sections 28-30 (dated initials). CW 2/13/23

Locked

Client: KLM Environmental, LLC
 Project Name: Quick Pantry # 19
 Lab Order: 2302E25

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2302E25-001A	# 04785 MW-1	2/7/2023 7:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/14/2023
2302E25-001A	# 04785 MW-1	2/7/2023 7:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/15/2023
2302E25-001B	# 04785 MW-1	2/7/2023 7:35:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-002A	# 04785 MW-2	2/7/2023 7:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/14/2023
2302E25-002B	# 04785 MW-2	2/7/2023 7:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-003A	# 04785 MW-3	2/7/2023 6:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/14/2023
2302E25-003B	# 04785 MW-3	2/7/2023 6:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-004A	# 04785 MW-4	2/7/2023 6:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/14/2023
2302E25-004B	# 04785 MW-4	2/7/2023 6:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-004B	# 04785 MW-4	2/7/2023 6:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/15/2023
2302E25-005A	# 04785 MW-5	2/7/2023 6:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-005A	# 04785 MW-5	2/7/2023 6:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/16/2023
2302E25-005B	# 04785 MW-5	2/7/2023 6:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-006A	# 04785 MW-6	2/7/2023 5:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/13/2023
2302E25-006B	# 04785 MW-6	2/7/2023 5:45:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-007A	# 04785 MW-7	2/7/2023 2:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-007B	# 04785 MW-7	2/7/2023 2:45:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-008A	# 04785 MW-8	2/7/2023 3:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/15/2023
2302E25-008B	# 04785 MW-8	2/7/2023 3:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-009A	# 04785 MW-9	2/7/2023 3:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/15/2023
2302E25-009B	# 04785 MW-9	2/7/2023 3:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-010A	# 04785 MW-10	2/7/2023 3:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/13/2023
2302E25-010B	# 04785 MW-10	2/7/2023 3:45:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-011A	# 04785 MW-11	2/7/2023 4:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-011B	# 04785 MW-11	2/7/2023 4:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-012A	# 04785 MW-12	2/7/2023 2:10:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/15/2023
2302E25-012B	# 04785 MW-12	2/7/2023 2:10:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/14/2023
2302E25-013A	# 04785 MW-13	2/7/2023 1:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/16/2023
2302E25-013B	# 04785 MW-13	2/7/2023 1:35:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/15/2023

Client: KLM Environmental, LLC
 Project Name: Quick Pantry # 19
 Lab Order: 2302E25

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2302E25-014A	# 04785 MW-14	2/7/2023 4:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-014A	# 04785 MW-14	2/7/2023 4:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/16/2023
2302E25-014B	# 04785 MW-14	2/7/2023 4:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/15/2023
2302E25-015A	# 04785 MW-15	2/7/2023 4:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-015B	# 04785 MW-15	2/7/2023 4:45:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/15/2023
2302E25-016A	# 04785 MW-16	2/7/2023 5:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-016B	# 04785 MW-16	2/7/2023 5:00:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/15/2023
2302E25-017A	# 04785 MW-17	2/7/2023 12:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-017B	# 04785 MW-17	2/7/2023 12:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/15/2023
2302E25-018A	# 04785 MW-18	2/7/2023 12:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-018A	# 04785 MW-18	2/7/2023 12:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/16/2023
2302E25-018B	# 04785 MW-18	2/7/2023 12:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/14/2023 12:07:22PM	02/15/2023
2302E25-019A	# 04785 MW-19	2/7/2023 1:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-019A	# 04785 MW-19	2/7/2023 1:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/16/2023
2302E25-019B	# 04785 MW-19	2/7/2023 1:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-020A	# 04785 MW-20	2/7/2023 11:50:00AM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-020B	# 04785 MW-20	2/7/2023 11:50:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-021A	# 04785 MW-21	2/7/2023 5:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-021B	# 04785 MW-21	2/7/2023 5:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-022A	# 04785 MW-22	2/7/2023 10:45:00AM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-022B	# 04785 MW-22	2/7/2023 10:45:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-023A	# 04785 MW-23	2/7/2023 11:15:00AM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-023B	# 04785 MW-23	2/7/2023 11:15:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-024A	# 04785 MW-24	2/7/2023 11:00:00AM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-024B	# 04785 MW-24	2/7/2023 11:00:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-025A	# 04785 MW-25	2/7/2023 4:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-025A	# 04785 MW-25	2/7/2023 4:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/16/2023
2302E25-025B	# 04785 MW-25	2/7/2023 4:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-026A	# 04785 RW-1	2/7/2023 7:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/14/2023

Client: KLM Environmental, LLC
 Project Name: Quick Pantry # 19
 Lab Order: 2302E25

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2302E25-026B	# 04785 RW-1	2/7/2023 7:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-027A	# 04785 RW-2	2/7/2023 7:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/14/2023
2302E25-027B	# 04785 RW-2	2/7/2023 7:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-028A	# 04785 RW-3	2/7/2023 8:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/14/2023 3:44:00PM	02/15/2023
2302E25-028B	# 04785 RW-3	2/7/2023 8:05:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-029A	# 04785 DW-1	2/7/2023 6:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-029B	# 04785 DW-1	2/7/2023 6:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-030A	# 04785 DW-2	2/7/2023 2:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-030B	# 04785 DW-2	2/7/2023 2:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-031A	# 04785 DW-3	2/7/2023 1:55:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-031B	# 04785 DW-3	2/7/2023 1:55:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-032A	# 04785 DW-4	2/7/2023 11:35:00AM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-032A	# 04785 DW-4	2/7/2023 11:35:00AM	Groundwater	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/15/2023
2302E25-032B	# 04785 DW-4	2/7/2023 11:35:00AM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-033A	# 04785 SW-1	2/7/2023 3:30:00PM	Surface Water	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-033B	# 04785 SW-1	2/7/2023 3:30:00PM	Surface Water	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-034A	# 04785 SW-2	2/7/2023 1:05:00PM	Surface Water	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-034A	# 04785 SW-2	2/7/2023 1:05:00PM	Surface Water	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/15/2023
2302E25-034B	# 04785 SW-2	2/7/2023 1:05:00PM	Surface Water	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-035A	# 04785 SW-3	2/7/2023 12:35:00PM	Surface Water	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/14/2023
2302E25-035A	# 04785 SW-3	2/7/2023 12:35:00PM	Surface Water	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/15/2023
2302E25-035B	# 04785 SW-3	2/7/2023 12:35:00PM	Surface Water	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-036A	# 04785 SW-4	2/7/2023 12:05:00PM	Surface Water	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-036A	# 04785 SW-4	2/7/2023 12:05:00PM	Surface Water	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/16/2023
2302E25-036B	# 04785 SW-4	2/7/2023 12:05:00PM	Surface Water	MICRO-EXTRACTABLE VOCs		2/15/2023 8:48:58AM	02/15/2023
2302E25-037A	# 04785 SW-5	2/7/2023 5:30:00PM	Surface Water	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-037B	# 04785 SW-5	2/7/2023 5:30:00PM	Surface Water	MICRO-EXTRACTABLE VOCs		2/15/2023 8:55:59AM	02/15/2023
2302E25-038A	# 04785 SW-6	2/7/2023 10:30:00AM	Surface Water	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-038B	# 04785 SW-6	2/7/2023 10:30:00AM	Surface Water	MICRO-EXTRACTABLE VOCs		2/15/2023 8:55:59AM	02/15/2023

Client: KLM Environmental, LLC
 Project Name: Quick Pantry # 19
 Lab Order: 2302E25

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2302E25-039A	# 04785 DUP-1	2/7/2023 1:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/16/2023
2302E25-039B	# 04785 DUP-1	2/7/2023 1:40:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:55:59AM	02/15/2023
2302E25-040A	# 04785 DUP-2	2/7/2023 2:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		2/15/2023 7:50:00AM	02/15/2023
2302E25-040B	# 04785 DUP-2	2/7/2023 2:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		2/15/2023 8:55:59AM	02/15/2023
2302E25-041A	# 04785 EQUIPMENT BLANK	2/7/2023 8:30:00PM	Aqueous	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/13/2023
2302E25-041B	# 04785 EQUIPMENT BLANK	2/7/2023 8:30:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		2/15/2023 8:55:59AM	02/15/2023
2302E25-042A	# 04785 FIELD BLANK	2/7/2023 8:35:00PM	Aqueous	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/13/2023
2302E25-042B	# 04785 FIELD BLANK	2/7/2023 8:35:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		2/15/2023 8:55:59AM	02/15/2023
2302E25-043A	# 04785 TRIP BLANK	2/7/2023 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/13/2023
2302E25-044A	# 04785 TRIP BLANK 2	2/7/2023 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		2/13/2023 4:56:00PM	02/13/2023

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351203

Sample ID: MB-351203	Client ID:	Units: ug/L	Prep Date: 02/14/2023	Run No: 508939							
SampleType: MBLK	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351203	Analysis Date: 02/14/2023	Seq No: 11959940							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	BRL	0.020									
Surr: 4-Bromofluorobenzene	4.996	0	5.000		99.9	70	130				

Sample ID: LCS-351203	Client ID:	Units: ug/L	Prep Date: 02/14/2023	Run No: 508939							
SampleType: LCS	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351203	Analysis Date: 02/14/2023	Seq No: 11959941							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.1020	0.020	0.1000		102	60	140				
Surr: 4-Bromofluorobenzene	5.059	0	5.000		101	70	130				

Sample ID: LCSD-351203	Client ID:	Units: ug/L	Prep Date: 02/14/2023	Run No: 508939							
SampleType: LCSD	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351203	Analysis Date: 02/14/2023	Seq No: 11959942							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.1050	0.020	0.1000		105	60	140	0.1020	2.90	15.6	
Surr: 4-Bromofluorobenzene	5.025	0	5.000		100	70	130	5.059	0	0	

Sample ID: 2302E25-004BMS	Client ID: # 04785 MW-4	Units: ug/L	Prep Date: 02/14/2023	Run No: 508939							
SampleType: MS	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351203	Analysis Date: 02/14/2023	Seq No: 11959948							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: 4-Bromofluorobenzene	6.293	0	5.052		125	69.7	138				
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Sample ID: 2302E25-004BMS	Client ID: # 04785 MW-4	Units: ug/L	Prep Date: 02/14/2023	Run No: 508940							
SampleType: MS	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351203	Analysis Date: 02/15/2023	Seq No: 11959989							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.6264	0.101	0.1010	0.5351	90.4	67.7	130				
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Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351203

Sample ID: 2302E25-005BDUP	Client ID: # 04785 MW-5	Units: ug/L	Prep Date: 02/14/2023	Run No: 508939							
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351203	Analysis Date: 02/14/2023	Seq No: 11959951							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	BRL	0.020						0	0	30	
Surr: 4-Bromofluorobenzene	4.425	0	4.972		89.0	69.7	138	4.545	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351205

Sample ID: MB-351205	Client ID:	Units: ug/L	Prep Date: 02/15/2023	Run No: 509087							
SampleType: MBLK	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351205	Analysis Date: 02/15/2023	Seq No: 11963956							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020
 Surr: 4-Bromofluorobenzene 4.929 0 5.000 98.6 70 130

Sample ID: LCS-351205	Client ID:	Units: ug/L	Prep Date: 02/15/2023	Run No: 509087							
SampleType: LCS	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351205	Analysis Date: 02/15/2023	Seq No: 11963959							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1090 0.020 0.1000 109 60 140
 Surr: 4-Bromofluorobenzene 4.792 0 5.000 95.8 70 130

Sample ID: LCSD-351205	Client ID:	Units: ug/L	Prep Date: 02/15/2023	Run No: 509087							
SampleType: LCSD	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351205	Analysis Date: 02/15/2023	Seq No: 11963962							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1040 0.020 0.1000 104 60 140 0.1090 4.69 15.6
 Surr: 4-Bromofluorobenzene 4.877 0 5.000 97.5 70 130 4.792 0 0

Sample ID: 2302E25-022BMS	Client ID: # 04785 MW-22	Units: ug/L	Prep Date: 02/15/2023	Run No: 509087							
SampleType: MS	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351205	Analysis Date: 02/15/2023	Seq No: 11963980							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1086 0.020 0.1014 107 67.7 130
 Surr: 4-Bromofluorobenzene 5.838 0 5.072 115 69.7 138

Sample ID: 2302E25-028BDUP	Client ID: # 04785 RW-3	Units: ug/L	Prep Date: 02/15/2023	Run No: 509087							
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351205	Analysis Date: 02/15/2023	Seq No: 11964009							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020 0 0 30

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351205

Sample ID: 2302E25-028BDUP	Client ID: # 04785 RW-3	Units: ug/L	Prep Date: 02/15/2023	Run No: 509087
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351205	Analysis Date: 02/15/2023	Seq No: 11964009

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	5.336	0	4.927		108	69.7	138	5.331	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351210

Sample ID: MB-351210	Client ID:	Units: ug/L	Prep Date: 02/13/2023	Run No: 508736							
SampleType: MBLK	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351210	Analysis Date: 02/13/2023	Seq No: 11953461							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	49.21	0	50.00		98.4	75	118				
Surr: Dibromofluoromethane	48.66	0	50.00		97.3	82.5	121				
Surr: Toluene-d8	50.20	0	50.00		100	78.3	118				

Sample ID: LCS-351210	Client ID:	Units: ug/L	Prep Date: 02/13/2023	Run No: 508736							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351210	Analysis Date: 02/13/2023	Seq No: 11953462							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	47.73	1.0	50.00		95.5	70	130				
3,3-Dimethyl-1-butanol	498.0	100	500.0		99.6	70	130				
Benzene	54.03	1.0	50.00		108	80.4	126				
Ethanol	451.9	100	500.0		90.4	70	130				
Ethyl tert-butyl ether	106.3	10	100.0		106	70	130				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351210

Sample ID: LCS-351210	Client ID:	Units: ug/L	Prep Date: 02/13/2023	Run No: 508736							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351210	Analysis Date: 02/13/2023	Seq No: 11953462							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	53.62	1.0	50.00		107	82.7	125				
Isopropyl ether	110.6	10	100.0		111	70	130				
Methyl tert-butyl ether	52.46	1.0	50.00		105	70.8	129				
Naphthalene	49.73	5.0	50.00		99.5	70	130				
tert-Amyl alcohol	579.9	100	500.0		116	70	130				
tert-Amyl methyl ether	108.9	10	100.0		109	70	130				
tert-Butyl Alcohol	459.1	100	500.0		91.8	70	130				
tert-Butyl formate	521.8	100	500.0		104	70	130				
Toluene	55.56	1.0	50.00		111	79.2	124				
Xylenes, Total	156.6	1.0	150.0		104	81.1	126				
Surr: 4-Bromofluorobenzene	48.30	0	50.00		96.6	75	118				
Surr: Dibromofluoromethane	48.43	0	50.00		96.9	82.5	121				
Surr: Toluene-d8	50.99	0	50.00		102	78.3	118				

Sample ID: 2302E25-010AMS	Client ID: # 04785 MW-10	Units: ug/L	Prep Date: 02/13/2023	Run No: 508736							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351210	Analysis Date: 02/14/2023	Seq No: 11957176							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	51.92	1.0	50.00		104	72.1	135				
3,3-Dimethyl-1-butanol	569.3	100	500.0		114	60.1	130				
Benzene	55.79	1.0	50.00	0.7600	110	70.5	136				
Ethanol	337.0	100	500.0		67.4	61.9	140				
Ethyl tert-butyl ether	111.7	10	100.0		112	71.2	122				
Ethylbenzene	54.22	1.0	50.00		108	70	134				
Isopropyl ether	122.3	10	100.0		122	71	133				
Methyl tert-butyl ether	53.46	1.0	50.00		107	65.7	136				
Naphthalene	50.52	5.0	50.00		101	58.6	135				
tert-Amyl alcohol	575.8	100	500.0		115	69.7	140				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351210

Sample ID: 2302E25-010AMS	Client ID: # 04785 MW-10	Units: ug/L	Prep Date: 02/13/2023	Run No: 508736							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351210	Analysis Date: 02/14/2023	Seq No: 11957176							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	114.1	10	100.0		114	70.1	126				
tert-Butyl Alcohol	586.9	100	500.0		117	67	140				
tert-Butyl formate	351.0	100	500.0		70.2	60	134				
Toluene	56.23	1.0	50.00		112	66.4	140				
Xylenes, Total	159.0	1.0	150.0		106	65.4	138				
Surr: 4-Bromofluorobenzene	48.98	0	50.00		98.0	75	118				
Surr: Dibromofluoromethane	48.68	0	50.00		97.4	82.5	121				
Surr: Toluene-d8	50.85	0	50.00		102	78.3	118				

Sample ID: 2302E25-010ADUP	Client ID: # 04785 MW-10	Units: ug/L	Prep Date: 02/13/2023	Run No: 508736							
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351210	Analysis Date: 02/14/2023	Seq No: 11957174							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0						0	0	30	
3,3-Dimethyl-1-butanol	BRL	100						0	0	30	
Benzene	BRL	1.0						0.7600	0	30	
Ethanol	BRL	100						0	0	30	
Ethyl tert-butyl ether	BRL	10						0	0	30	
Ethylbenzene	BRL	1.0						0	0	30	
Isopropyl ether	BRL	10						0	0	30	
Methyl tert-butyl ether	BRL	1.0						0	0	30	
Naphthalene	BRL	5.0						0	0	30	
tert-Amyl alcohol	BRL	100						0	0	30	
tert-Amyl methyl ether	BRL	10						0	0	30	
tert-Butyl Alcohol	BRL	100						0	0	30	
tert-Butyl formate	BRL	100						0	0	30	
Toluene	BRL	1.0						0	0	30	
Xylenes, Total	BRL	1.0						0	0	30	

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351210

Sample ID: 2302E25-010ADUP	Client ID: # 04785 MW-10	Units: ug/L	Prep Date: 02/13/2023	Run No: 508736
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351210	Analysis Date: 02/14/2023	Seq No: 11957174

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	49.65	0				75	118	49.25	0	30	
Surr: Dibromofluoromethane	48.41	0				82.5	121	48.88	0	30	
Surr: Toluene-d8	50.42	0				78.3	118	50.14	0	30	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351253

Sample ID: MB-351253	Client ID:	Units: ug/L	Prep Date: 02/15/2023	Run No: 509088							
SampleType: MBLK	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351253	Analysis Date: 02/15/2023	Seq No: 11964036							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020
 Surr: 4-Bromofluorobenzene 5.218 0 5.000 104 70 130

Sample ID: LCS-351253	Client ID:	Units: ug/L	Prep Date: 02/15/2023	Run No: 509088							
SampleType: LCS	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351253	Analysis Date: 02/15/2023	Seq No: 11964037							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1070 0.020 0.1000 107 60 140
 Surr: 4-Bromofluorobenzene 5.089 0 5.000 102 70 130

Sample ID: LCSD-351253	Client ID:	Units: ug/L	Prep Date: 02/15/2023	Run No: 509088							
SampleType: LCSD	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351253	Analysis Date: 02/15/2023	Seq No: 11964038							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.1020 0.020 0.1000 102 60 140 0.1070 4.78 15.6
 Surr: 4-Bromofluorobenzene 5.109 0 5.000 102 70 130 5.089 0 0

Sample ID: 2302E25-037BMS	Client ID: # 04785 SW-5	Units: ug/L	Prep Date: 02/15/2023	Run No: 509088							
SampleType: MS	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351253	Analysis Date: 02/15/2023	Seq No: 11964041							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane 0.08926 0.020 0.0992 90.0 67.7 130
 Surr: 4-Bromofluorobenzene 6.413 0 4.959 129 69.7 138

Sample ID: 2302E25-040BDUP	Client ID: # 04785 DUP-2	Units: ug/L	Prep Date: 02/15/2023	Run No: 509088							
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351253	Analysis Date: 02/15/2023	Seq No: 11964046							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane BRL 0.020 0.01774 0 30

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351253

Sample ID: 2302E25-040BDUP	Client ID: # 04785 DUP-2	Units: ug/L	Prep Date: 02/15/2023	Run No: 509088
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 351253	Analysis Date: 02/15/2023	Seq No: 11964046

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	5.415	0	4.982		109	69.7	138	4.089	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351282

Sample ID: MB-351282	Client ID:	Units: ug/L	Prep Date: 02/14/2023	Run No: 508856							
SampleType: MBLK	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351282	Analysis Date: 02/14/2023	Seq No: 11957333							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	49.53	0	50.00		99.1	75	118				
Surr: Dibromofluoromethane	49.01	0	50.00		98.0	82.5	121				
Surr: Toluene-d8	50.42	0	50.00		101	78.3	118				

Sample ID: LCS-351282	Client ID:	Units: ug/L	Prep Date: 02/14/2023	Run No: 508856							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351282	Analysis Date: 02/14/2023	Seq No: 11957614							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	51.28	1.0	50.00		103	70	130				
3,3-Dimethyl-1-butanol	548.7	100	500.0		110	70	130				
Benzene	54.76	1.0	50.00		110	80.4	126				
Ethanol	429.3	100	500.0		85.9	70	130				
Ethyl tert-butyl ether	113.5	10	100.0		113	70	130				

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351282

Sample ID: LCS-351282	Client ID:	Units: ug/L	Prep Date: 02/14/2023	Run No: 508856							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351282	Analysis Date: 02/14/2023	Seq No: 11957614							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	54.16	1.0	50.00		108	82.7	125				
Isopropyl ether	119.9	10	100.0		120	70	130				
Methyl tert-butyl ether	53.26	1.0	50.00		107	70.8	129				
Naphthalene	51.13	5.0	50.00		102	70	130				
tert-Amyl alcohol	571.9	100	500.0		114	70	130				
tert-Amyl methyl ether	109.4	10	100.0		109	70	130				
tert-Butyl Alcohol	442.1	100	500.0		88.4	70	130				
tert-Butyl formate	585.2	100	500.0		117	70	130				
Toluene	55.29	1.0	50.00		111	79.2	124				
Xylenes, Total	158.4	1.0	150.0		106	81.1	126				
Surr: 4-Bromofluorobenzene	49.34	0	50.00		98.7	75	118				
Surr: Dibromofluoromethane	48.63	0	50.00		97.3	82.5	121				
Surr: Toluene-d8	50.60	0	50.00		101	78.3	118				

Sample ID: 2302E25-012AMS	Client ID: # 04785 MW-12	Units: ug/L	Prep Date: 02/14/2023	Run No: 508856							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351282	Analysis Date: 02/15/2023	Seq No: 11960150							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	21550	500	25000		86.2	72.1	135				
3,3-Dimethyl-1-butanol	265200	50000	250000		106	60.1	130				
Benzene	31910	500	25000	5546	105	70.5	136				
Ethanol	199600	50000	250000		79.8	61.9	140				
Ethyl tert-butyl ether	52120	5000	50000		104	71.2	122				
Ethylbenzene	26660	500	25000	1634	100	70	134				
Isopropyl ether	59110	5000	50000	1075	116	71	133				
Methyl tert-butyl ether	25330	500	25000	95.10	101	65.7	136				
Naphthalene	25250	2500	25000	397.3	99.4	58.6	135				
tert-Amyl alcohol	296100	50000	250000	4358	117	69.7	140				

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351282

Sample ID: 2302E25-012AMS	Client ID: # 04785 MW-12	Units: ug/L	Prep Date: 02/14/2023	Run No: 508856							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351282	Analysis Date: 02/15/2023	Seq No: 11960150							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	52060	5000	50000	81.10	104	70.1	126				
tert-Butyl Alcohol	241700	50000	250000		96.7	67	140				
tert-Butyl formate	272100	50000	250000		109	60	134				
Toluene	41380	500	25000	14160	109	66.4	140				
Xylenes, Total	81830	500	75000	9700	96.2	65.4	138				
Surr: 4-Bromofluorobenzene	24270	0	25000		97.1	75	118				
Surr: Dibromofluoromethane	23620	0	25000		94.5	82.5	121				
Surr: Toluene-d8	25300	0	25000		101	78.3	118				

Sample ID: 2302E25-012AMSD	Client ID: # 04785 MW-12	Units: ug/L	Prep Date: 02/14/2023	Run No: 508856							
SampleType: MSD	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351282	Analysis Date: 02/15/2023	Seq No: 11960151							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	21750	500	25000		87.0	72.1	135	21550	0.924	20	
3,3-Dimethyl-1-butanol	278700	50000	250000		111	60.1	130	265200	4.96	25.3	
Benzene	31530	500	25000	5546	104	70.5	136	31910	1.20	20	
Ethanol	212100	50000	250000		84.8	61.9	140	199600	6.09	29	
Ethyl tert-butyl ether	52210	5000	50000		104	71.2	122	52120	0.173	20	
Ethylbenzene	26500	500	25000	1634	99.4	70	134	26660	0.621	20	
Isopropyl ether	58970	5000	50000	1075	116	71	133	59110	0.237	20	
Methyl tert-butyl ether	25450	500	25000	95.10	101	65.7	136	25330	0.473	17.3	
Naphthalene	25220	2500	25000	397.3	99.3	58.6	135	25250	0.139	22.7	
tert-Amyl alcohol	302800	50000	250000	4358	119	69.7	140	296100	2.25	26.8	
tert-Amyl methyl ether	53500	5000	50000	81.10	107	70.1	126	52060	2.74	20	
tert-Butyl Alcohol	243600	50000	250000		97.5	67	140	241700	0.816	29.4	
tert-Butyl formate	275000	50000	250000		110	60	134	272100	1.04	18	
Toluene	41140	500	25000	14160	108	66.4	140	41380	0.570	20	
Xylenes, Total	81510	500	75000	9700	95.7	65.4	138	81830	0.398	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351282

Sample ID: 2302E25-012AMSD	Client ID: # 04785 MW-12	Units: ug/L	Prep Date: 02/14/2023	Run No: 508856							
SampleType: MSD	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351282	Analysis Date: 02/15/2023	Seq No: 11960151							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: 4-Bromofluorobenzene	24300	0	25000		97.2	75	118	24270	0	0	
Surr: Dibromofluoromethane	23600	0	25000		94.4	82.5	121	23620	0	0	
Surr: Toluene-d8	25470	0	25000		102	78.3	118	25300	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351333

Sample ID: MB-351333	Client ID:	Units: ug/L	Prep Date: 02/15/2023	Run No: 508857							
SampleType: MBLK	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351333	Analysis Date: 02/15/2023	Seq No: 11957535							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	47.75	0	50.00		95.5	75	118				
Surr: Dibromofluoromethane	52.15	0	50.00		104	82.5	121				
Surr: Toluene-d8	47.92	0	50.00		95.8	78.3	118				

Sample ID: LCS-351333	Client ID:	Units: ug/L	Prep Date: 02/15/2023	Run No: 508857							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351333	Analysis Date: 02/15/2023	Seq No: 11959436							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	43.38	1.0	50.00		86.8	70	130				
3,3-Dimethyl-1-butanol	477.1	100	500.0		95.4	70	130				
Benzene	43.77	1.0	50.00		87.5	80.4	126				
Ethanol	473.0	100	500.0		94.6	70	130				
Ethyl tert-butyl ether	86.33	10	100.0		86.3	70	130				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351333

Sample ID: LCS-351333	Client ID:	Units: ug/L	Prep Date: 02/15/2023	Run No: 508857							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351333	Analysis Date: 02/15/2023	Seq No: 11959436							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	45.15	1.0	50.00		90.3	82.7	125				
Isopropyl ether	85.54	10	100.0		85.5	70	130				
Methyl tert-butyl ether	42.54	1.0	50.00		85.1	70.8	129				
Naphthalene	50.69	5.0	50.00		101	70	130				
tert-Amyl alcohol	474.7	100	500.0		94.9	70	130				
tert-Amyl methyl ether	84.93	10	100.0		84.9	70	130				
tert-Butyl Alcohol	475.3	100	500.0		95.1	70	130				
tert-Butyl formate	449.5	100	500.0		89.9	70	130				
Toluene	42.90	1.0	50.00		85.8	79.2	124				
Xylenes, Total	136.2	1.0	150.0		90.8	81.1	126				
Surr: 4-Bromofluorobenzene	48.18	0	50.00		96.4	75	118				
Surr: Dibromofluoromethane	50.98	0	50.00		102	82.5	121				
Surr: Toluene-d8	48.14	0	50.00		96.3	78.3	118				

Sample ID: 2302E25-036AMS	Client ID: # 04785 SW-4	Units: ug/L	Prep Date: 02/15/2023	Run No: 509050							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351333	Analysis Date: 02/16/2023	Seq No: 11962516							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	443.8	10	500.0		88.8	72.1	135				
3,3-Dimethyl-1-butanol	5503	1000	5000		110	60.1	130				
Benzene	838.2	10	500.0	325.8	102	70.5	136				
Ethanol	4309	1000	5000		86.2	61.9	140				
Ethyl tert-butyl ether	1040	100	1000		104	71.2	122				
Ethylbenzene	542.3	10	500.0	29.70	103	70	134				
Isopropyl ether	1277	100	1000	194.9	108	71	133				
Methyl tert-butyl ether	516.2	10	500.0	6.600	102	65.7	136				
Naphthalene	531.0	50	500.0		106	58.6	135				
tert-Amyl alcohol	6195	1000	5000	333.8	117	69.7	140				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351333

Sample ID: 2302E25-036AMS	Client ID: # 04785 SW-4	Units: ug/L	Prep Date: 02/15/2023	Run No: 509050							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351333	Analysis Date: 02/16/2023	Seq No: 11962516							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	1090	100	1000		109	70.1	126				
tert-Butyl Alcohol	5942	1000	5000		119	67	140				
tert-Butyl formate	3356	1000	5000		67.1	60	134				
Toluene	1080	10	500.0	554.3	105	66.4	140				
Xylenes, Total	1740	10	1500	256.0	98.9	65.4	138				
Surr: 4-Bromofluorobenzene	481.6	0	500.0		96.3	75	118				
Surr: Dibromofluoromethane	465.5	0	500.0		93.1	82.5	121				
Surr: Toluene-d8	506.4	0	500.0		101	78.3	118				

Sample ID: 2302E25-036AMSD	Client ID: # 04785 SW-4	Units: ug/L	Prep Date: 02/15/2023	Run No: 509050							
SampleType: MSD	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351333	Analysis Date: 02/16/2023	Seq No: 11962518							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	447.0	10	500.0		89.4	72.1	135	443.8	0.718	20	
3,3-Dimethyl-1-butanol	5392	1000	5000		108	60.1	130	5503	2.04	25.3	
Benzene	831.5	10	500.0	325.8	101	70.5	136	838.2	0.803	20	
Ethanol	4399	1000	5000		88.0	61.9	140	4309	2.07	29	
Ethyl tert-butyl ether	1046	100	1000		105	71.2	122	1040	0.508	20	
Ethylbenzene	533.2	10	500.0	29.70	101	70	134	542.3	1.69	20	
Isopropyl ether	1257	100	1000	194.9	106	71	133	1277	1.57	20	
Methyl tert-butyl ether	516.4	10	500.0	6.600	102	65.7	136	516.2	0.039	17.3	
Naphthalene	503.2	50	500.0		101	58.6	135	531.0	5.38	22.7	
tert-Amyl alcohol	6105	1000	5000	333.8	115	69.7	140	6195	1.47	26.8	
tert-Amyl methyl ether	1085	100	1000		108	70.1	126	1090	0.487	20	
tert-Butyl Alcohol	6114	1000	5000		122	67	140	5942	2.85	29.4	
tert-Butyl formate	3216	1000	5000		64.3	60	134	3356	4.26	18	
Toluene	1027	10	500.0	554.3	94.6	66.4	140	1080	4.97	20	
Xylenes, Total	1714	10	1500	256.0	97.2	65.4	138	1740	1.53	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2302E25

ANALYTICAL QC SUMMARY REPORT

BatchID: 351333

Sample ID: 2302E25-036AMSD	Client ID: # 04785 SW-4	Units: ug/L	Prep Date: 02/15/2023	Run No: 509050							
SampleType: MSD	TestCode: Volatile Organic Compounds SW8260D	BatchID: 351333	Analysis Date: 02/16/2023	Seq No: 11962518							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: 4-Bromofluorobenzene	476.8	0	500.0		95.4	75	118	481.6	0	0	
Surr: Dibromofluoromethane	475.5	0	500.0		95.1	82.5	121	465.5	0	0	
Surr: Toluene-d8	496.8	0	500.0		99.4	78.3	118	506.4	0	0	

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Water Quality Meter Calibration Sheet

Project: Quick Pantry #19

Personnel: G. Robinson, G. Long, C. Wroblewski

Calibration Date: 2-7-2023

Time: 1010

Meter Horiba U-52

Serial # W22MV13L

pH= 4.01 (100-4 Standard Solution)

Spec. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU(100-4 Standard Solution)

D.O. = 7.10 mg/L (Air)

Signature 

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW- 1

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 28.5 ft.
 Depth to GW (DWG) 16.48 ft.

Length of Water Column (LWC=TWD-DGW) 12.0 ft.

1 Csg. Volume (LWC*C)= 12.0 x .163 = 1.95 gals.

3 Csg. Volumes = 3 x 2 = 6 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 6 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	16.48	20.10	20.81	20.93				
Volume Purged (gallons)	0	2	4	6				
Time (military)	1920	1925	1930	1935				
Water Temp (°F)	68.8	68.6	68.2	68.2				
pH (s.u.)	6.03	6.20	6.25	6.23				
Specific Cond. (mS/cm)	0.602	0.789	.812	0.816				
Turbidity (NTU)	32.8	233	8.9	9.1				
Dissolved Oxygen (mg/L)	1.31	1.51	1.56	1.53				
Salinity	0.85	0.4	0.4	0.4				
OVA	—	—	—	—				

Sample Time: 1935

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-2</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>20</u> ft. Depth to GW (DWG) <u>14.28</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
---	---

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>16.28</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1950</u>
Water Temp (°F)								<u>70.2</u>
pH (s.u.)								<u>5.97</u>
Specific Cond. (mS/cm)								<u>0.275</u>
Turbidity (NTU)								<u>72.5</u>
Dissolved Oxygen (mg/L)								<u>1.72</u>
Salinity								<u>0.1</u>
OVA								<u>/</u>

Sample Time: 1950

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-3

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 17.61 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								17.61
Volume Purged (gallons)								0
Time (military)								1830
Water Temp (°F)								68.9
pH (s.u.)								5.44
Specific Cond. (mS/cm)								0.127
Turbidity (NTU)								113
Dissolved Oxygen (mg/L)								1.28
Salinity								0.1
OVA								/

Sample Time: 1830

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-4

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 17.49 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								17.49
Volume Purged (gallons)								0
Time (military)								1815
Water Temp (°F)								70.6 70.6
pH (s.u.)								5.80
Specific Cond. (mS/cm)								0.353
Turbidity (NTU)								42.5
Dissolved Oxygen (mg/L)								1.08
Salinity								0.2
OVA								

Sample Time: 1815

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-5

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652
 Total Well Depth (TWD) 20 ft.
 Depth to GW (DWG) 14.38 ft.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>14.38</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1800</u>
Water Temp (°F)								<u>68.6</u>
pH (s.u.)								<u>6.13</u>
Specific Cond. (mS/cm)								<u>0.263</u>
Turbidity (NTU)								<u>21.9</u>
Dissolved Oxygen (mg/L)								<u>1.32</u>
Salinity								<u>0.1</u>
OVA								<u>✓</u>

Sample Time: 1800

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-6
 Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652
 Total Well Depth (TWD) 20 ft.
 Depth to GW (DWG) 14.34 ft.
 Length of Water Column (LWC=TWD-DGW) _____ ft.
 1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								14.34
Volume Purged (gallons)								0
Time (military)								1745
Water Temp (°F)								67.0
pH (s.u.)								6.50
Specific Cond. (mS/cm)								0.268
Turbidity (NTU)								37.6
Dissolved Oxygen (mg/L)								1.59
Salinity								0.1
OVA								

Sample Time: 1745

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-7 Dug-2

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 18 ft.
 Depth to GW (DWG) 9.10 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								9.10
Volume Purged (gallons)								0
Time (military)								1445
Water Temp (°F)								66.0
pH (s.u.)								5.60
Specific Cond. (mS/cm)								0.108
Turbidity (NTU)								46.4
Dissolved Oxygen (mg/L)								1.58
Salinity								0.1
OVA								—

Sample Time: 1445

Dug-2-1450

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-8

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 8.91 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								8.91
Volume Purged (gallons)								0
Time (military)								1500
Water Temp (°F)								65.6
pH (s.u.)								5.46
Specific Cond. (mS/cm)								0.146
Turbidity (NTU)								180
Dissolved Oxygen (mg/L)								1.44
Salinity								0.1
OVA								✓

Sample Time: 1500

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-9

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 17.5 ft.

Depth to GW (DWG) 8.19 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								8.19
Volume Purged (gallons)								0
Time (military)								1515
Water Temp (°F)								65.0
pH (s.u.)								5.38
Specific Cond. (mS/cm)								0.333
Turbidity (NTU)								34.4
Dissolved Oxygen (mg/L)								1.44
Salinity								0.2
OVA								

Sample Time: 1515

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-10</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>12</u> ft. Depth to GW (DWG) <u>1.13</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) <u>10.9</u> ft.</p> <p>1 Csg. Volume (LWC*C)= <u>10.9</u> x <u>.163</u> = <u>1.8</u> gals. 3 Csg. Volumes = 3 x <u>1.8</u> = <u>5.4</u> gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling <u>6</u> gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>1.13</u>	<u>6.39</u>	<u>6.81</u>	<u>6.92</u>				
Volume Purged (gallons)	<u>0</u>	<u>2</u>	<u>4</u>	<u>6</u>				
Time (military)	<u>1530</u>	<u>1535</u>	<u>1540</u>	<u>1545</u>				
Water Temp (°F)	<u>59.0</u>	<u>58.0</u>	<u>57.2</u>	<u>57.4</u>				
pH (s.u.)	<u>6.48</u>	<u>6.41</u>	<u>6.31</u>	<u>6.31</u>				
Specific Cond. (mS/cm)	<u>0.434</u>	<u>0.443</u>	<u>0.441</u>	<u>0.438</u>				
Turbidity (NTU)	<u>129</u>	<u>66.8</u>	<u>7.1</u>	<u>7.5</u>				
Dissolved Oxygen (mg/L)	<u>1.68</u>	<u>1.56</u>	<u>1.53</u>	<u>1.51</u>				
Salinity	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>				
OVA	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>				

Sample Time: 1545

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW- 11

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652
 Total Well Depth (TWD) 14 ft.
 Depth to GW (DWG) 2.57 ft.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DWG) 11.4 ft.

1 Csg. Volume (LWC*C)= 11.4 x .163 = 1.9 gals.

3 Csg. Volumes = 3 x 1.9 = 5.7 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 6 gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	2.57	6.68	7.11	7.20				
Volume Purged (gallons)	0	2	4	6				
Time (military)	1545	1550	1555	1600				
Water Temp (°F)	55.5	56.1	56.3	56.4				
pH (s.u.)	6.55	6.59	6.59	6.61				
Specific Cond. (mS/cm)	0.602	0.673	0.686	0.690				
Turbidity (NTU)	407	106	9.7	9.4				
Dissolved Oxygen (mg/L)	1.11	1.17	1.32	1.34				
Salinity	0.3	0.3	0.3	0.3				
OVA	/	/	/	/				

Sample Time: 1600

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2/7/23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-12

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 17 ft.

Depth to GW (DWG) 7.69 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>7.69</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1410</u>
Water Temp (°F)								<u>64.1</u>
pH (s.u.)								<u>5.95</u>
Specific Cond. (mS/cm)								<u>0.496</u>
Turbidity (NTU)								<u>15.7</u>
Dissolved Oxygen (mg/L)								<u>1.79</u>
Salinity								<u>0.2</u>
OVA								<u>✓</u>

Sample Time: 1410

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-13 Dup-1

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 15 ft.
 Depth to GW (DWG) 6.27 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>6.27</u>
Time (military)								<u>0</u>
Water Temp (°F)								<u>1335</u>
pH (s.u.)								<u>6.9</u>
Specific Cond. (mS/cm)								<u>6.55</u>
Turbidity (NTU)								<u>0.315</u>
Dissolved Oxygen (mg/L)								<u>87.2</u>
Salinity								<u>1.60</u>
OVA								<u>0.1</u>

Sample Time: 1335

Dup-1-1340

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance: Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-14</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>15</u> ft. Depth to GW (DWG) <u>6.15</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>6.15</u>
Time (military)								<u>0</u>
Water Temp (°F)								<u>16.30</u>
pH (s.u.)								<u>64.1</u>
Specific Cond. (mS/cm)								<u>5.62</u>
Turbidity (NTU)								<u>0.296</u>
Dissolved Oxygen (mg/L)								<u>13.8</u>
Salinity								<u>1.27</u>
OVA								<u>0.1</u>

Sample Time: 1630

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-15

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 6.02 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>6.02</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1645</u>
Water Temp (°F)								<u>63.4</u>
pH (s.u.)								<u>6.</u>
Specific Cond. (mS/cm)								<u>0.628</u>
Turbidity (NTU)								<u>8.4</u>
Dissolved Oxygen (mg/L)								<u>1.68</u>
Salinity								<u>0.3</u>
OVA								<u>/</u>

Sample Time: 1645

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;"><u>Quality Assurance:</u></p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-16</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>15</u> ft. Depth to GW (DWG) <u>5.23</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>5.23</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1700</u>
Water Temp (°F)								<u>62.0</u>
pH (s.u.)								<u>5.91</u>
Specific Cond. (mS/cm)								<u>0.869</u>
Turbidity (NTU)								<u>13.7</u>
Dissolved Oxygen (mg/L)								<u>1.73</u>
Salinity								<u>0.4</u>
OVA								<u>✓</u>

Sample Time: 1700

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-17

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 13 ft.

Depth to GW (DWG) 1.10 ft.

Length of Water Column (LWC=TWD-DGW) 11.9 ft.

1 Csg. Volume (LWC*C)= 11.9 x .163 = 1.9 gals.

3 Csg. Volumes = 3 x 1.9 = 5.6 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 6 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	1.10	7.13	7.98	8.04				
Volume Purged (gallons)	0	2	4	6				
Time (military)	1205	1210	1215	1220				
Water Temp (°F)	59.5	61.8 61.8	62.3	62.5				
pH (s.u.)	5.83	5.74 5.74	5.79	5.77				
Specific Cond. (mS/cm)	0.372	0.341	0.355	0.359				
Turbidity (NTU)	461	43.9	8.2	8.5				
Dissolved Oxygen (mg/L)	1.69	1.60	1.63	1.6				
Salinity	0.2	0.2	0.2	0.2				
OVA	—	—	—	—				

Sample Time: 1220

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-18

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652
 Total Well Depth (TWD) 14 ft.
 Depth to GW (DWG) 2.99 ft.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DGW) 11.0 ft.

1 Csg. Volume (LWC*C)= 11.0 x .163 = 1.8 gals.

3 Csg. Volumes = 3 x 1.8 = 5.4 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 5.5 gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>2.99</u>	7.21 <u>7.21</u>	<u>7.89</u>	<u>7.96</u>				
Volume Purged (gallons)	<u>0</u>	<u>2</u>	<u>4</u>	<u>5.5</u>				
Time (military)	<u>1235</u>	<u>1240</u>	<u>1245</u>	<u>1250</u>				
Water Temp (°F)	<u>59.0</u>	<u>60.9</u>	<u>60.9</u>	<u>61.1</u>				
pH (s.u.)	<u>6.00</u>	<u>6.04</u>	<u>6.02</u>	<u>6.02</u>				
Specific Cond. (mS/cm)	<u>0.406</u>	<u>0.510</u>	<u>0.529</u>	<u>0.532</u>				
Turbidity (NTU)	<u>232</u>	<u>66.1</u>	<u>7.8</u>	<u>8.1</u>				
Dissolved Oxygen (mg/L)	<u>1.83</u>	<u>1.53</u>	<u>1.49</u>	<u>1.47</u>				
Salinity	<u>0.2</u>	<u>0.3</u>	<u>0.3</u>	<u>0.3</u>				
OVA	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>				

Sample Time: 1250

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-19</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>15</u> ft. Depth to GW (DWG) _____ ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>5.04</u>
Time (military)								<u>0</u>
Water Temp (°F)								<u>1320</u>
pH (s.u.)								<u>62.5</u>
Specific Cond. (mS/cm)								<u>6.74</u>
Turbidity (NTU)								<u>0.433</u>
Dissolved Oxygen (mg/L)								<u>800</u>
Salinity								<u>1.84</u>
OVA								<u>0.2</u>

Sample Time: 1320

FP - 4.73 - 5.04

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-20</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>13</u> ft. Depth to GW (DWG) <u>2.11</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) <u>10.9</u> ft.</p> <p>1 Csg. Volume (LWC*C)= <u>10.9</u> x <u>.163</u> = <u>1.8</u> gals. 3 Csg. Volumes = 3 x <u>1.8</u> = <u>5.4</u> gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling <u>6</u> gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>2.11</u>	<u>8.18</u>	<u>8.73</u>	<u>8.80</u>				
Volume Purged (gallons)	<u>0</u>	<u>2</u>	<u>4</u>	<u>6</u>				
Time (military)	<u>1135</u>	<u>1140</u>	<u>1145</u>	<u>1150</u>				
Water Temp (°F)	<u>61.3</u>	<u>61.8</u>	<u>62.2</u>	<u>62.1</u>				
pH (s.u.)	<u>5.32</u>	<u>5.55</u>	<u>5.64</u>	<u>5.64</u>				
Specific Cond. (mS/cm)	<u>0.292</u>	<u>0.326</u>	<u>0.338</u>	<u>0.333</u>				
Turbidity (NTU)	<u>800</u>	<u>76.4</u>	<u>8.9</u>	<u>9.2</u>				
Dissolved Oxygen (mg/L)	<u>1.73</u>	<u>1.54</u>	<u>1.51</u>	<u>1.53</u>				
Salinity	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>				
OVA	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>				

Sample Time: 1150

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-21</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>15</u> ft. Depth to GW (DWG) <u>5.27</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								<u>5.27</u>
Time (military)								<u>0</u>
Water Temp (°F)								<u>17.15</u>
pH (s.u.)								<u>6.23</u>
Specific Cond. (mS/cm)								<u>6.33</u>
Turbidity (NTU)								<u>0.414</u>
Dissolved Oxygen (mg/L)								<u>33.0</u>
Salinity								<u>1.56</u>
OVA								<u>0.2</u>

Sample Time: 1715

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-22

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 6.44 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								6.44
Volume Purged (gallons)								0
Time (military)								1045
Water Temp (°F)								59.7
pH (s.u.)								5.12
Specific Cond. (mS/cm)								0.469
Turbidity (NTU)								57.5
Dissolved Oxygen (mg/L)								1.82
Salinity								0.2
OVA								✓

Sample Time: 1045

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-23

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 7.89 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>7.89</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1115</u>
Water Temp (°F)								<u>60.8</u>
pH (s.u.)								<u>5.69</u>
Specific Cond. (mS/cm)								<u>0.233</u>
Turbidity (NTU)								<u>2.12</u>
Dissolved Oxygen (mg/L)								<u>1.61</u>
Salinity								<u>0.1</u>
OVA								<u> </u>

Sample Time: 1115

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-24</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>15</u> ft. Depth to GW (DWG) <u>8.26</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>8.26</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1100</u>
Water Temp (°F)								<u>60.8</u>
pH (s.u.)								<u>5.14</u>
Specific Cond. (mS/cm)								<u>0.198</u>
Turbidity (NTU)								<u>475</u>
Dissolved Oxygen (mg/L)								<u>1.67</u>
Salinity								<u>0.1</u>
OVA								<u>✓</u>

Sample Time: 1100

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # MW-25

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 16 ft.

Depth to GW (DWG) 3.68 ft.

Length of Water Column (LWC=TWD-DGW) 12.3 ft.

1 Csg. Volume (LWC*C)= 12.3 x .163 = 2 gals.

3 Csg. Volumes = 3 x 2 = 6 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 6 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	3.68	7.57	7.99	8.08				
Volume Purged (gallons)	0	2	4	6				
Time (military)	1605	1605	1610	1615				
Water Temp (°F)	56.3	57.2	57.6	57.5				
pH (s.u.)	6.47	6.55	6.58	6.58				
Specific Cond. (mS/cm)	0.762	0.759	0.751	0.750				
Turbidity (NTU)	232	139	10.6	9.8				
Dissolved Oxygen (mg/L)	1.19	1.44	1.41	1.42				
Salinity	0.4	0.4	0.4	0.4				
OVA	/	/	/	/				

Sample Time: 1615

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # RW MW-1

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 17.59 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								17.59
Volume Purged (gallons)								0
Time (military)								1905
Water Temp (°F)								68.4
pH (s.u.)								5.86
Specific Cond. (mS/cm)								0.407
Turbidity (NTU)								78.6
Dissolved Oxygen (mg/L)								1.33
Salinity								0.2
OVA								/

Sample Time: 1905

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>RW MW-2</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>20</u> ft. Depth to GW (DWG) <u>16.63</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>16.63</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1920</u>
Water Temp (°F)								<u>69.6</u>
pH (s.u.)								<u>5.83</u>
Specific Cond. (mS/cm)								<u>0.662</u>
Turbidity (NTU)								<u>51.6</u>
Dissolved Oxygen (mg/L)								<u>1.42</u>
Salinity								<u>0.3</u>
OVA								<u>✓</u>

Sample Time: 1920

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # LW MW-3

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143*(D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 16.54 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>16.54</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>2005</u>
Water Temp (°F)								<u>69.7</u>
pH (s.u.)								<u>6.14</u>
Specific Cond. (mS/cm)								<u>1.53</u>
Turbidity (NTU)								<u>17.4</u>
Dissolved Oxygen (mg/L)								<u>1.15</u>
Salinity								<u>0.8</u>
OVA								<u>/</u>

Sample Time: 2005

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # DW MW-1

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652
 Total Well Depth (TWD) 45 ft.
 Depth to GW (DWG) 18.16 ft.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Length of Water Column (LWC=TWD-DGW) 26.8 ft.

1 Csg. Volume (LWC*C)= 26.8 x .163 = 4.4 gals.
 3 Csg. Volumes = 3 x 4.4 = 13.2 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 13.5 gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	18.16	41.36	41.88	42.02				
Volume Purged (gallons)	0	4.5	9	13.5				
Time (military)	1835	1840	1845	1850				
Water Temp (°F)	69.8	66.9	66.7	66.7				
pH (s.u.)	6.12	5.89	5.82	5.79				
Specific Cond. (mS/cm)	0.319	0.309	0.304	0.301				
Turbidity (NTU)	11.2	133	9.3	9.0				
Dissolved Oxygen (mg/L)	1.19	1.67	1.38	1.36				
Salinity	0.2	0.1	0.1	0.1				
OVA	/	/	/	/				

Sample Time: 1850

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # DW MW-2

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 40 ft.

Depth to GW (DWG) 8.78 ft.

Length of Water Column (LWC=TWD-DGW) 31.22 ft.

1 Csg. Volume (LWC*C)= 31.22 x .163 = 5 gals.

3 Csg. Volumes = 3 x 5 = 15 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 15 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	8.78	34.13	35.66	35.81				
Volume Purged (gallons)	0	5	10	15				
Time (military)	1415	1420	1425	1430				
Water Temp (°F)	63.4	64.4	64.8	64.7				
pH (s.u.)	6.43	6.28	6.24	6.21				
Specific Cond. (mS/cm)	0.291	0.303	0.316	0.315				
Turbidity (NTU)	7.3	26.8	8.1	7.9				
Dissolved Oxygen (mg/L)	1.66	1.70	1.67	1.68				
Salinity	0.1	0.2	0.2	0.2				
OVA	✓	✓	✓	✓				

Sample Time: 1430

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # DW MW-3

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 40 ft.

Depth to GW (DWG) 6.09 ft.

Length of Water Column (LWC=TWD-DGW) 33.9 ft.

1 Csg. Volume (LWC*C) = 33.9 x .163 = 5.5 gals.

3 Csg. Volumes = 3 x 5.5 = 16.5 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 16.5 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	6.09	36.03	36.87	36.96				
Volume Purged (gallons)	0	5.5	11	16.5				
Time (military)	1340	1345	1350	1355				
Water Temp (°F)	64.5	64.8	65.1	65.0				
pH (s.u.)	6.54	6.42	6.38	6.37				
Specific Cond. (mS/cm)	0.167	0.231	0.240	0.239				
Turbidity (NTU)	47.0	157	6.4	6.7				
Dissolved Oxygen (mg/L)	1.73	1.65	1.63	1.61				
Salinity	0.1	0.1	0.1	0.1				
OVA	—	—	—	—				

Sample Time: 1355

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2/7/23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # DW MW-4

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 25 ft.

Depth to GW (DWG) 8.85 ft.

Length of Water Column (LWC=TWD-DGW) 16.15 ft.

1 Csg. Volume (LWC*C)= 16.15 x .163 = 2.6 gals.

3 Csg. Volumes = 3 x 2.6 = 7.8 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 8 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	8.85	21.14	21.88	22.19				
Volume Purged (gallons)	0	3	5.5	8.0				
Time (military)	1120	1125	1130	1135				
Water Temp (°F)	61.4	61.9	62.8	62.9				
pH (s.u.)	5.09	5.36	5.41	5.44				
Specific Cond. (mS/cm)	0.279	0.249	0.243	0.243				
Turbidity (NTU)	106	17.8	6.4	6.2				
Dissolved Oxygen (mg/L)	1.74	1.66	1.64	1.64				
Salinity	0.1	0.1	0.1	0.1				
OVA	—	—	—	—				

Sample Time: 1135

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # SW ~~WW~~ 1

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) _____ ft.
 Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u> </u>
Volume Purged (gallons)								<u> </u>
Time (military)								<u>1530</u>
Water Temp (°F)								<u>56.1</u>
pH (s.u.)								<u>6.66</u>
Specific Cond. (mS/cm)								<u>0.383</u>
Turbidity (NTU)								<u>119</u>
Dissolved Oxygen (mg/L)								<u>4.32</u>
Salinity								<u>0.2</u>
OVA								<u> </u>

Sample Time: 1530

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
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Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # SW ~~MM~~-2

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								✓
Volume Purged (gallons)								✓
Time (military)								1305
Water Temp (°F)								57.1
pH (s.u.)								6.13
Specific Cond. (mS/cm)								0.492
Turbidity (NTU)								89.8
Dissolved Oxygen (mg/L)								2.83
Salinity								0.2
OVA								✓

Sample Time: 1305

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # SW ~~MM~~ - 3

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								—
Volume Purged (gallons)								—
Time (military)								1235
Water Temp (°F)								59.0
pH (s.u.)								5.95
Specific Cond. (mS/cm)								0.429
Turbidity (NTU)								403
Dissolved Oxygen (mg/L)								2.43
Salinity								0.2
OVA								—

Sample Time: 1235

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>2 / 7 / 23</u> Field Personnel <u>G. Long, G. Robinson, C. Wroblewski</u> General Weather Condition <u>clear</u> Ambient Air Temperature <u>65°</u> Facility Name <u>Quick Pantry #19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance: Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>SW MW-4</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143*(D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) _____ ft. Depth to GW (DWG) _____ ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								✓
Volume Purged (gallons)								✓
Time (military)								1205
Water Temp (°F)								56.2
pH (s.u.)								6.25
Specific Cond. (mS/cm)								0.435
Turbidity (NTU)								52.1
Dissolved Oxygen (mg/L)								3.93
Salinity								0.2
OVA								✓

Sample Time: 1205

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # SW MW- 5

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								/
Volume Purged (gallons)								/
Time (military)								1730
Water Temp (°F)								60.1
pH (s.u.)								6.06
Specific Cond. (mS/cm)								0.705
Turbidity (NTU)								21.3
Dissolved Oxygen (mg/L)								3.44
Salinity								0.3
OVA								/

Sample Time: 1730

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 2 / 7 / 23
 Field Personnel G. Long, G. Robinson, C. Wroblewski
 General Weather Condition clear
 Ambient Air Temperature 65°
 Facility Name Quick Pantry #19
 Site ID# 04785

Well # SW MW- 6

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								—
Volume Purged (gallons)								—
Time (military)								1030
Water Temp (°F)								56.1
pH (s.u.)								6.17
Specific Cond. (mS/cm)								0.265
Turbidity (NTU)								150
Dissolved Oxygen (mg/L)								1.64
Salinity								0.1
OVA								✓

Sample Time: 1030

TABLE 1d
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-6	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	9/2/21	<10	<10	370	<100	<100	<100	<100	<100
MW-20	9/2/21	<10	30	<10	<100	480	<100	<100	<100
MW-21	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-1	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-3	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-4	9/2/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
SW-5	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	9/2/21	<10	<10	370	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	24000000	<50000
MW-2	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	300000	<50000
MW-3	05/04/22	<500	<500	710	<5000	26000	<5000	<5000	<5000
MW-4	05/04/22	<1000	<1000	6100	<10000	<10000	<10000	<10000	<10000
MW-5	05/04/22	<10	130	730	<100	5500	<100	<100	<100
MW-6	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	05/04/22	<500	<500	950	<5000	5700	<5000	<5000	<5000
MW-8	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	<50000	<50000
MW-9	05/04/22	<500	<500	700	<5000	5100	<5000	<5000	<5000
MW-10	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	05/04/22	<500	<500	3300	<5000	6100	<5000	<5000	<5000
MW-13	05/04/22	<10	10	98	<100	1400	<100	<100	<100
MW-14	05/05/22	<500	<500	<500	<5000	7000	<5000	<5000	<5000
MW-15	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	05/05/22	<10	62	800	<100	820	<100	<100	<100
MW-18	05/05/22	<500	<500	3600	<5000	<5000	<5000	<5000	<5000
MW-19	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	05/04/22	<10	23	310	<100	170	<100	<100	<100
MW-21	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	05/05/22	<10	<10	41	<100	<100	<100	<100	<100
RW-1	05/04/22	<1000	<1000	4700	<10000	26000	<10000	<10000	<10000
RW-2	05/04/22	<50000	<50000	75000	<500000	<500000	<500000	29000000	<500000
RW-3	05/04/22	<1000	<1000	3000	<10000	40000	<10000	<10000	<10000
DW-1	05/04/22	<10	<10	23	<100	<100	<100	<100	<100
DW-2	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	05/04/22	<10	<10	23	<100	<100	<100	<100	<100
SW-1	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	05/05/22	<10	28	350	<100	<100	<100	<100	<100
SW-3	05/05/22	<10	82	690	<100	780	<100	<100	<100
SW-4	05/05/22	<10	15	210	<100	360	<100	<100	<100
SW-5	05/05/22	<10	<10	25	<100	120	<100	<100	<100
SW-6	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	8/24/22	<1000	<1000	<1000	<10000	<10000	<10000	<10000	<10000
MW-6	8/24/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	8/24/22	<10	14	180	<100	390	<100	<100	<100
MW-8	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	8/23/22	<10	58	550	<100	1200	<100	<100	<100
MW-18	8/23/22	<1000	<1000	4900	<10000	<10000	<10000	<10000	<10000
MW-19	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	8/23/22	<10	87	670	<100	380	<100	<100	<100
MW-21	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	8/23/22	<10	<10	44	<100	<100	<100	<100	<100
RW-1	8/24/22	<1000	<1000	4100	<10000	31000	<10000	<10000	<10000
RW-2	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	8/23/22	<10	<10	46	<100	<100	<100	<100	<100
SW-1	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-3	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-4	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-5	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	11/2/22	<5000	<5000	9500	<50000	<50000	<50000	1600000	<50000
MW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-5	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-6	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	11/2/22	<10	28	310	<100	420	<100	<100	<100
MW-8	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-9	11/2/22	<100	<100	770	<1000	3600	<1000	290000	<1000
MW-10	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	11/2/22	<100	200	2200	<1000	5200	<1000	<1000	<1000
MW-13	11/2/22	<10	150	760	<100	1800	<100	<100	<100
MW-14	11/2/22	<100	<100	130	<1000	<1000	<1000	<1000	<1000
MW-15	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	11/2/22	<10	73	990	<100	1000	<100	<100	<100
MW-18	11/2/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	11/3/22	<10	90	1000	<100	860	<100	<100	<100
MW-21	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	11/3/22	<10	<10	44	<100	<100	<100	<100	<100
RW-1	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
DW-1	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	11/2/22	<10	<10	120	<100	<100	<100	<100	<100
SW-1	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-2	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-3	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-4	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-5	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	2/7/23	<500	<500	3300	<5000	7600	<5000	<5000	<5000
MW-2	2/7/23	<500	<500	4700	<5000	42000	<5000	<5000	<5000
MW-3	2/7/23	<500	<500	860	<5000	30000	<5000	<5000	<5000
MW-4	2/7/23	<500	<500	2600	<5000	5900	<5000	<5000	<5000
MW-5	2/7/23	<10	30	230	<100	1400	<100	<100	<100
MW-6	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	2/7/23	<100	<100	880	<1000	10000	<1000	<1000	<1000
MW-8	2/7/23	<500	<500	880	<5000	<5000	<5000	<5000	<5000
MW-9	2/7/23	<100	<100	740	<1000	2300	<1000	<1000	<1000
MW-10	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	2/7/23	<100	<100	1100	<1000	4400	<1000	<1000	<1000
MW-13	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-14	2/7/23	<100	<100	170	<1000	3600	<1000	<1000	<1000
MW-15	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	2/7/23	<10	61	500	<100	1100	<100	<100	<100
MW-18	2/7/23	<100	180	1900	<1000	2000	<1000	<1000	<1000
MW-19	2/7/23	<500	<500	<500	<5000	<5000	<5000	<5000	<5000
MW-20	2/7/23	<10	72	560	<100	770	<100	<100	<100
MW-21	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	2/7/23	<10	<10	46	<100	170	<100	<100	<100
RW-1	2/7/23	<1000	<1000	6400	<10000	67000	<10000	<10000	<10000
RW-2	2/7/23	<50000	<50000	<50000	<500000	<500000	<500000	7500000	<500000
RW-3	2/7/23	<500	850	7500	<5000	34000	<5000	<5000	<5000
DW-1	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	2/7/23	<10	12	200	<100	250	<100	<100	<100
SW-1	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	2/7/23	<10	20	300	<100	900	<100	<100	<100
SW-3	2/7/23	<10	16	220	<100	390	<100	<100	<100
SW-4	2/7/23	<10	11	140	<100	220	<100	<100	<100
SW-5	2/7/23	<10	<10	38	<100	<100	<100	<100	<100
SW-6	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100

APPENDIX C

Tax Map / Regional Geology

APPENDIX D

Field Screening Logs

APPENDIX E

Well Logs

APPENDIX F

Aquifer Calculations

**Appendix F
Historical Ground Water Levels
Quick Pantry # 19
Greenwood, SC**

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-1	8/25/21	623.56	X-28.5	17.06	17.75	0.69	FP
	9/1/21			17.35	18.02	0.67	FP
	10/12/21			18.10	19.29	1.19	FP
	5/4/22			15.29	15.40	0.11	FP
	7/25/22			--	18.38	--	605.18
	8/24/22			19.61	19.82	0.21	FP
	11/2/22			21.32	22.16	0.84	FP
	2/7/23			--	16.48	--	607.08
MW-2	8/25/21	623.38	10-20	17.03	18.36	1.33	FP
	9/1/21			17.32	18.51	1.19	FP
	10/12/21			18.03	19.32	1.29	FP
	5/4/22			--	15.04	--	608.34
	7/25/22			--	18.55	--	604.83
	8/24/22			19.68	19.72	0.04	FP
	11/2/22			--	DRY	--	DRY
	2/7/23			--	16.28	--	607.10
MW-3	8/25/21	625.10	10-20	18.31	18.35	0.04	FP
	9/1/21			18.51	18.56	0.05	FP
	10/12/21			19.42	19.47	0.05	FP
	5/4/22			--	16.12	--	608.98
	7/25/22			--	19.46	--	605.64
	8/24/22			--	DRY	--	DRY
	11/2/22			--	DRY	--	DRY
	2/7/23			--	17.61	--	607.49
MW-4	8/25/21	623.30	10-20	16.98	18.98	2.0	FP
	9/1/21			17.18	19.19	2.01	FP
	10/12/21			18.16	19.49	1.33	FP
	5/4/22			--	15.22	--	608.08
	7/25/22			18.61	18.79	0.18	FP
	8/24/22			19.55	19.75	0.20	FP
	11/2/22			--	DRY	--	DRY
	2/7/23			--	17.49	--	605.81
MW-5	8/25/21	622.12	10-20	15.27	17.73	2.46	FP
	9/1/21			15.38	17.92	2.54	FP
	10/12/21			16.48	18.27	1.79	FP
	5/4/22			13.67	13.82	0.15	FP
	7/25/22			--	17.08	--	605.04
	8/24/22			--	18.26	--	603.86
	11/2/22			--	DRY	--	DRY
	2/7/23			--	14.38	--	607.74
MW-6	8/25/21	622.84	10-20	--	14.35	--	608.49
	9/1/21			--	14.49	--	608.35
	10/12/21			--	14.83	--	608.01
	5/4/22			--	13.21	--	609.63
	7/25/22			--	15.04	--	607.80
	8/24/22			--	15.98	--	606.86
	11/2/22			--	18.02	--	604.82
	2/7/23			--	14.34	--	608.50

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-7	8/25/21	614.92	8-18	11.45	11.92	0.47	FP
	9/1/21			11.59	11.87	0.28	FP
	10/12/21			12.23	12.25	0.02	FP
	5/4/22			--	8.98	--	605.94
	7/25/22			--	12.42	--	602.50
	8/24/22			--	13.47	--	601.45
	11/2/22			--	15.14	--	599.78
	2/7/23			--	9.10	--	605.82
MW-8	8/25/21	615.10	5-15	10.45	13.53	3.08	FP
	9/1/21			10.63	13.89	3.26	FP
	10/12/21			11.70	13.36	1.66	FP
	5/4/22			8.20	10.24	2.04	FP
	7/25/22			12.11	13.17	1.06	FP
	8/24/22			13.24	14.32	1.08	FP
	11/2/22			--	DRY	--	DRY
	2/7/23			--	8.91	--	606.19
MW-9	8/25/21	615.58	7.5-17.5	11.03	11.09	0.06	FP
	9/1/21			11.32	11.36	0.04	FP
	10/12/21			11.71	11.82	0.11	FP
	5/4/22			--	8.21	--	607.37
	7/25/22			--	12.33	--	603.25
	8/24/22			13.55	13.66	0.11	FP
	11/2/22			15.23	16.04	0.81	FP
	2/7/23			--	8.19	--	607.39
MW-10	8/25/21	608.68	2-12	--	3.62	--	605.06
	9/1/21			--	4.08	--	604.60
	10/12/21			--	4.52	--	604.16
	5/5/22			--	1.03	--	607.65
	7/25/22			--	5.08	--	603.60
	8/23/22			--	6.43	--	602.25
	11/3/22			--	8.72	--	599.96
	2/7/23			--	1.13	--	607.55
MW-11	8/25/21	606.78	4-14	--	6.76	--	600.02
	9/1/21			--	7.06	--	599.72
	10/12/21			--	7.34	--	599.44
	5/5/22			--	3.03	--	603.75
	7/25/22			--	7.86	--	598.92
	8/23/22			--	8.95	--	597.83
	11/3/22			--	11.02	--	595.76
	2/7/23			--	2.57	--	604.21
MW-12	8/25/21	611.62	7-17	10.30	10.49	0.19	FP
	9/1/21			10.39	10.95	0.56	FP
	10/12/21			10.31	13.45	3.14	FP
	5/4/22			7.22	8.41	1.19	FP
	7/25/22			11.18	11.59	0.41	FP
	8/23/22			12.19	12.78	0.59	FP
	11/2/22			13.91	14.94	1.03	FP
	2/7/23			--	7.69	--	603.93
MW-13	8/25/21	610.45	5-15	7.91	11.18	3.21	FP
	9/1/21			8.08	11.22	3.14	FP
	10/12/21			9.06	10.99	1.93	FP
	5/4/22			--	6.04	--	604.41
	7/25/22			9.66	9.69	0.03	FP
	8/23/22			10.46	11.44	0.98	FP
	11/2/22			12.44	12.51	0.07	FP
	2/7/22			--	6.27	--	604.18

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-14	8/25/21	608.36	5-15	8.01	10.38	2.37	FP
	9/1/21			8.07	10.32	2.25	FP
	10/12/21			9.12	9.93	0.81	FP
	5/5/22			6.02	6.18	0.16	FP
	7/25/22			9.40	9.81	0.41	FP
	8/23/22			10.31	11.18	0.87	FP
	11/2/22			12.41	12.85	0.44	FP
	2/7/23			--	6.15	--	602.21
MW-15	9/1/21	610.20	5-15	--	7.89	--	602.31
	10/12/21			--	8.09	--	602.11
	5/5/22			--	6.34	--	603.86
	7/25/22			--	8.54	--	601.66
	8/23/22			--	9.41	--	600.79
	11/3/22			--	11.26	--	598.94
	2/7/23			--	6.02	--	604.18
MW-16	9/1/21	605.95	5-15	--	7.78	--	598.17
	10/12/21			--	8.23	--	597.72
	5/5/22			--	5.56	--	600.39
	7/25/22			--	8.39	--	597.56
	8/23/22			--	9.29	--	596.66
	11/3/22			--	11.25	--	594.70
	2/7/23			--	5.23	--	600.72
MW-17	8/25/21	601.53	3-13	3.78	3.81	0.03	FP
	9/1/21			3.94	3.99	0.05	FP
	10/12/21			--	4.47	--	597.06
	5/5/22			--	0.13	--	601.40
	7/25/22			--	4.49	--	597.04
	8/23/22			--	5.48	--	596.05
	11/2/22			--	7.33	--	594.20
	2/7/23			--	1.10	--	600.43
MW-18	8/25/21	604.03	4-14	6.27	6.31	0.04	FP
	9/1/21			6.37	6.42	0.05	FP
	10/12/21			4.14	13.63	9.49	FP
	5/5/22			2.93	3.11	0.18	FP
	7/25/22			--	7.03	--	597.00
	8/23/22			--	8.07	--	595.96
	11/2/22			8.66	13.47	4.81	FP
	2/7/23			--	2.99	--	601.04
MW-19	9/1/21	605.81	5-15	--	9.07	--	596.74
	10/12/21			--	9.46	--	596.35
	5/5/22			--	5.03	--	600.78
	7/25/22			--	9.21	--	596.60
	8/23/22			--	10.83	--	594.98
	11/3/22			--	12.73	--	593.08
	2/7/23			4.73	5.04	0.31	FP
MW-20	9/1/21	601.51	3-13	--	5.41	--	596.10
	10/12/21			--	6.08	--	595.43
	5/4/22			--	1.72	--	599.79
	7/25/22			--	5.92	--	595.59
	8/23/22			--	6.89	--	594.62
	11/3/22			--	8.66	--	592.85
	2/7/23			--	2.11	--	599.40

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-21	9/1/21	604.50	5-15	--	8.91	--	595.59
	10/12/21			--	8.68	--	595.82
	5/5/22			--	6.74	--	597.76
	7/25/22			--	9.38	--	595.12
	8/23/22			--	9.63	--	594.87
	11/3/22			--	10.53	--	593.97
	2/7/23			--	5.27	--	599.23
MW-22	9/1/21	600.57	5-15	--	8.81	--	591.76
	10/12/21			--	9.38	--	591.19
	5/4/22			--	5.04	--	595.53
	7/25/22			--	9.54	--	591.03
	8/23/22			--	10.50	--	590.07
	11/3/22			--	12.07	--	588.50
	2/7/23			--	6.44	--	594.13
MW-23	9/1/21	602.51	5-15	--	10.71	--	591.80
	10/12/21			--	11.26	--	591.25
	5/4/22			--	6.64	--	595.87
	7/25/22			--	11.35	--	591.16
	8/23/22			--	12.34	--	590.17
	11/3/22			--	13.93	--	588.58
	2/7/23			--	7.89	--	594.62
MW-24	9/1/21	602.73	5-15	--	11.60	--	591.13
	10/12/21			--	11.60	--	591.13
	5/4/22			--	6.96	--	595.77
	7/25/22			--	11.69	--	591.04
	8/23/22			--	12.68	--	590.05
	11/3/22			--	14.27	--	588.46
	2/7/23			--	8.26	--	594.47
MW-25	8/25/21	606.98	6-16	--	8.23	--	598.75
	9/1/21			--	8.31	--	598.67
	10/12/21			--	8.72	--	598.26
	5/5/22			--	4.15	--	602.83
	7/25/22			--	9.08	--	597.90
	8/23/22			--	10.16	--	596.82
	11/3/22			--	12.30	--	594.68
2/7/23	--	3.68	--	603.30			
RW-1	9/1/21	624.54	10-20	18.35	19.22	0.87	FP
	10/12/21			19.20	19.66	0.46	FP
	5/4/22			15.97	16.34	0.37	FP
	7/25/22			19.23	19.66	0.43	FP
	8/24/22			--	19.69	--	604.85
	11/2/22			--	DRY	--	DRY
	2/7/23			--	17.59	--	606.95
RW-2	9/1/21	623.44	10-20	17.27	18.12	0.85	FP
	10/12/21			18.11	19.15	1.04	FP
	5/4/22			--	14.88	--	608.56
	7/25/22			--	18.44	--	605.00
	8/24/22			--	DRY	--	DRY
	11/2/22			--	DRY	--	DRY
	2/7/23			--	16.63	--	606.81
RW-3	9/1/21	623.34	10-20	17.48	18.25	0.77	FP
	10/12/21			18.26	19.16	0.90	FP
	5/4/22			--	15.16	--	608.18
	7/25/22			--	18.62	--	604.72
	8/24/22			19.65	19.67	0.02	FP
	11/2/22			--	DRY	--	DRY
	2/7/23			--	16.54	--	606.80

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
DW-1	9/1/21	624.84	40-45	--	18.87	--	605.97
	10/12/21			--	19.73	--	605.11
	5/4/22			--	16.36	--	608.48
	7/25/22			--	19.73	--	605.11
	8/23/22			--	21.07	--	603.77
	11/2/22			--	22.99	--	601.85
	2/7/23			--	18.16	--	606.68
DW-2	9/1/21	611.79	35-40	--	9.46	--	602.33
	10/12/21			--	10.11	--	601.69
	5/4/22			--	8.14	--	603.65
	7/25/22			--	10.32	--	601.47
	8/23/22			--	11.38	--	600.41
	11/2/22			--	13.28	--	598.51
	2/7/23			--	8.78	--	603.01
DW-3	9/1/21	610.33	35-40	--	8.69	--	601.64
	10/12/21			--	9.29	--	601.04
	5/4/22			--	5.79	--	604.54
	7/25/22			--	9.46	--	600.87
	8/23/22			--	10.47	--	599.86
	11/2/22			--	12.40	--	597.93
	2/7/23			--	6.09	--	604.24
DW-4	9/1/21	602.27	20-25	--	10.47	--	591.80
	10/12/21			--	10.97	--	591.30
	5/4/22			--	6.83	--	595.44
	7/25/22			--	10.08	--	592.19
	8/23/22			--	11.59	--	590.68
	11/2/22			--	13.02	--	589.25
	2/7/23			--	8.85	--	593.42

APPENDIX G

Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Dobsonville Metals LLC
311 Oakmonte Circle, Greenwood SC 29649

Generator's Site Address (if different than mailing address)

Quick Party # 19
1802 S. Main St. Greenwood SC

Generator's Phone:

6. Transporter 1 Company Name

KLIM Environmental LLC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

US Water Recovery
511 Old Mt. Holly Rd. Goose Creek, SC 29445

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1. Pure water for Quick Party 19 on hold pending minimum disposal amount of 1,000 gal.

No. Type

94.5 gal.

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/Offoror's Printed/Typed Name

Signature

Month Day Year

Graham Roberts

[Signature]

2 | 10 | 23

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Graham Roberts

[Signature]

2 | 10 | 23

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

17b. Alternate Facility (or Generator)

Manifest Reference Number:

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

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

APPENDIX H

Zoning Information

APPENDIX I

Fate and Transport Modeling

APPENDIX J

Access Agreements

APPENDIX K

Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the "No" box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	✓		
2	Is UST Owner/Operator name, address, & phone number provided?	✓		
3	Is name, address, & phone number of current property owner provided?	✓		
4	Is the SCDHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	✓		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			✓
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	✓		
7	Has the facility history been summarized?	✓		
8	Has the regional geology and hydrogeology been described?	✓		
9	Are the receptor survey results provided as required?	✓		
10	Has current use of the site and adjacent land been described?	✓		
11	Has the site-specific geology and hydrogeology been described?	✓		
12	Has the primary soil type been described?	✓		
13	Have field screening results been described?			✓
14	Has a description of the soil sample collection and preservation been detailed?			✓
15	Has the field screening methodology and procedure been detailed?			✓
16	Has the monitoring well installation and development dates been provided?			✓
17	Has the method of well development been detailed?			✓
18	Has justification been provided for the locations of the monitoring wells?			✓
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	✓		
20	Has the groundwater sampling methodology been detailed?	✓		
21	Have the groundwater sampling dates and groundwater measurements been provided?	✓		
22	Has the purging methodology been detailed?	✓		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	✓		
24	If free-product is present, has the thickness been provided?	✓		
25	Does the report include a brief discussion of the assessment done and the results?	✓		
26	Does the report include a brief discussion of the aquifer evaluation and results?			✓
27	Does the report include a brief discussion of the fate & transport models used?			✓

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			✓
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			✓
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			✓
31	Have recommendations for further action been provided and explained?	✓		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			✓
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	✓		
34	Has the current and historical laboratory data been provided in tabular format?	✓		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			✓
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			✓
37	Has the topographic map been provided with all required elements? (Figure 1)	✓		
38	Has the site base map been provided with all required elements? (Figure 2)	✓		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	✓		
40	Has the site potentiometric map been provided? (Figure 5)	✓		
41	Have the geologic cross-sections been provided? (Figure 6)			✓
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			✓
43	Has the site survey been provided and include all necessary elements? (Appendix A)	✓		
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	✓		
45	Is the laboratory performing the analyses properly certified?	✓		
46	Has the tax map been included with all necessary elements? (Appendix C)			✓
47	Have the soil boring/field screening logs been provided? (Appendix D)			✓
48	Have the well completion logs, DHEC Form 2099, and DHEC Form 1903 been provided? (Appendix E)			✓
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)	✓		
50	Have the disposal manifests been provided? (Appendix G)	✓		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			✓
52	Has all fate and transport modeling been provided? (Appendix I)			✓
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			✓
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	✓		

04785

INVOICE

CLARIFICATION

Re: 04785, CA #65289 and 65290, invoice 8478-A and 8478-B

Miner, Read <minerrs@dhec.sc.gov>

Wed 4/5/2023 9:14 AM

To: mkeller131@comcast.net <mkeller131@comcast.net>

Thank you Mark. Obviously I was also confused by leaving off the recovery wells on non purge.

That was very helpful.

Read S. Miner, P.G.

Hydrogeologist III

Underground Storage Tank Division

S.C. Dept. of Health & Environmental Control

Office: (803) 898-0608

Fax: (803) 898-0673

Connect: www.scdhec.gov [Facebook](#) [Twitter](#)



From: Mark Lee Keller <mkeller131@comcast.net>

Sent: Tuesday, April 4, 2023 5:36 PM

To: Miner, Read <minerrs@dhec.sc.gov>

Subject: RE: 04785, CA #65289 and 65290, invoice 8478-A and 8478-B

*** Caution, This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. ***

Read,

Sorry about the confusion on my end. Here is what we have:

There were 2 trip blanks sent in but the field crew left one off the COC. Please see the attached electronic deliverable which shows the correct 2 trip blanks. Also page 55 of the data package sent by AES shows Trip Blank 2 as being received and analyzed. They analyzed 44 samples, 42 EDB.

Regarding no purge samples: the wells you listed are all correct. That list left off the recovery wells RW-1, RW-2, and RW-3. That would be 3 additional no purge samples per cost agreement for a total of 14 for each agreement. I think that's what we had for that item.

For purge samples, you are correct, it was 11. I have no idea where I got 13. I frequently get tripped up when having to invoice split cost agreements I have noticed as I get older. We have one site where I have to split it over 3 releases, and not all equally, so that turns into a math exercise!! So yes, we should have 5.5 purge not 6.5.

That adds up now to 44 samples BTEX and 42 EDB. Let me know if you concur.

Thanks

Mark

Mark L. Keller, PG
President

 KLM Environmental, LLC

PO Box 2704
Goose Creek, SC 29445
843-870-4285 Cell

From: Miner, Read <minerrs@dhec.sc.gov>
Sent: Monday, April 3, 2023 2:30 PM
To: mkeller131@comcast.net
Subject: 04785, CA #65289 and 65290, invoice 8478-A and 8478-B

Mark,

I am trying to figure out how the number of samples billed corresponds with the report. I count as follows:

No-purge MW-2, 3, 4, 5, 6, 7, 8, 9, 12, 13, 14, 15, 16, 21, 22, 23, 24, SW-1,2,3,4,5,6, Dup-1, Dup-2 = 25 samples should be 12.5 for each release/invoice ?????

Purge MW-1, 10, 11, 17, 18, 20, 25, DW-1,2,3,4 = 11 samples should be 5.5 for each release/invoice ?????

MW-19 was a sample below product - correctly billed under component J6

Can you please verify my count above where ????? is shown because my count doesn't match what is billed?

This is an additional odd thing noted. The lab says they received and analyzed 44 total samples. Only 43 are listed on the chain of custody. The lab does not note in their sample description the reason for the difference. I think that it might be because only 1 trip blank is on CoC, but 2 were analyzed by lab. If the CoC is correct and KLM only submitted 1 trip blank, where did 2nd come from for lab to analyze????? Neither of the 2 trip blanks were analyzed for EDB so I count 42 total EDB samples. This would be 21 for each release/invoice ?????

Thank you for helping me clear things up.

Read S. Miner, P.G.
Hydrogeologist III
Underground Storage Tank Division
S.C. Dept. of Health & Environmental Control
Office: (803) 898-0608
Fax: (803) 898-0673
Connect: www.scdhec.gov [Facebook](#) [Twitter](#)

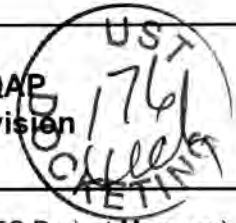


RECEIVED



APR 06 2023
UST DIVISION

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



To: Read Miner, PG (SCDHEC Project Manager)
From: Mark L. Keller, PG (Contractor Project Manager)
Contractor: KLM Environmental, LLC UST Contractor Certification Number: 345

Facility Name: Quick Pantry # 19 UST Permit #: 04785
Facility Address: 1802 S. Main Street, Greenwood, SC
Responsible Party: Bahuchar Mata, LLC Phone: 864-378-6993
RP Address: 311 Oakmonte Circle, Greenwood, SC 29649
Property Owner (if different): SMVS Real Estate
Property Owner Address: 1802 S. Main Street, Greenwood, SC 29646
Current Use of Property: Convenience Store and Gasoline Station

Scope of Work (Please check all that apply)

- IGWA
- Tier I
- Tier II
- Monitoring Well Installation
- Groundwater Sampling
- Other AFVR, well socks
- GAC

Analyses (Please check all that apply)

Groundwater/Surface Water:

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

Drinking Water Supply Wells:

- BTEXNMDCA (524.2)
- Oxygenates & Ethanol (8260D)
- Mercury (200.8 245.1 or 245.2)
- RCRA Metals (200.8)
- EDB (504.1)

Soil:

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

Air:

- BTEXN

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

_____ Soil _____ Water Supply Wells _____ Air _____ Field Blank
 _____ Monitoring Wells _____ Surface Water _____ Duplicate _____ Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
 # of shallow points proposed: _____ 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 #: 04785 Facility Name: Quick Pantry # 19

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 60 Days Field Work Completion: 120
Report Submittal: 150 Days # 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: _____ Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: 50 Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repared, well pads/bolts/caps to replace, details of AFVR event, etc.

Conduct 5 AFVR events at each section of the contaminant plume. The previously constructed manifold system will be utilized again to reach wells in the wooded area. The first event will be conducted in the tank pit area on wells that measure with free product to include Monitoring Well MW-1.
The second event will be conducted on MW-3 and MW-5. The third event will utilize MW-7, MW-8, and MW-9. The fourth event will utilize MW-12 and MW-13.
The last event will utilize MW-17 and MW-18. The containment booms will also need to be changed. KLM will need to purchase a new set of booms, use a tractor to remove the old booms as they become too heavy for personnel to lift, and install new booms. That work is proposed in this work scope.
After, KLM will install absorbent socks in the former free product well. Those will be changed out every 2 weeks for 3 events. The wells will be gauged at that time.
KLM will install recovery wells in the vicinity of MW-8, MW-9, MW-12, and MW-18 due to very high levels in these areas previously. A sampling workplan is to follow.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

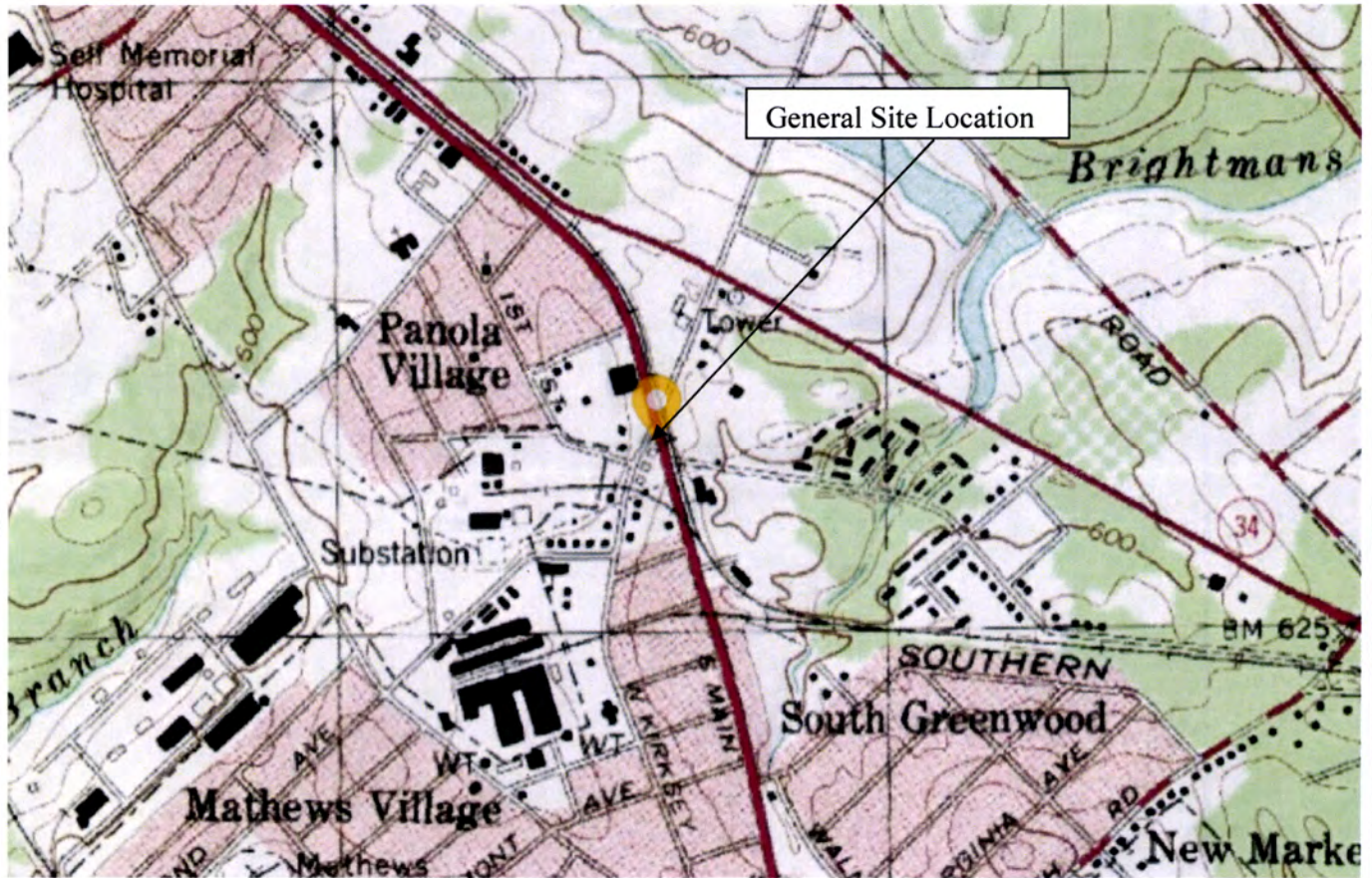
Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.
Name of Laboratory: _____
SCDHEC Certification Number: _____
Name of Laboratory Director: _____

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

____ Other variations from ACQAP. Please describe below.

Attachments

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



KLM Environmental, LLC

Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation

Figure 1
USGS Map
Quick Pantry # 19
Greenwood, SC
UST # 04785



FIGURE 2
SITE MAP
QUICK PANTRY # 19
GREENWOOD, SC UST # 04785





ASSESSMENT COMPONENT INVOICE

South Carolina
 Department of Health and Environmental Control
 Underground Storage Tank Management Division
 State Underground Petroleum Environmental Response Bank Account
 July 1, 2022

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: _____

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
A. Plan Preparation				
1.1 Site-specific Work Plan	1	each	\$169.65	\$169.65
2.1 Tax Map		each	\$79.17	\$0.00
3.1 QAPP Contractor Addendum (App B)		each	\$250.00	\$0.00
B. Survey *				
1. Receptor Survey		each	\$623.20	\$0.00
C. Survey				
1.1 Comprehensive Survey		each	\$1,176.26	\$0.00
5. Ground Penetrating Radar Survey (100 x 100)		each	\$1,029.23	\$0.00
D. Mob/Demob				
1.1 Equipment I.R	2	each	\$1,153.64	\$2,307.28
2.1 Personnel I,P,Q,R,W19	7	each	\$478.42	\$3,348.94
3.1 Adverse Terrain Vehicle		each	\$565.51	\$0.00
E. Soil Borings*				
1. Soil Borings (hand auger)		foot	\$5.66	\$0.00
F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)*				
1.1 Standard		per foot	\$16.97	\$0.00
2.1 Fractured Rock		per foot	\$21.84	\$0.00
G.				
H. Well Abandonment (does not include Field Screening)*				
1.1 2" diameter or less		per foot	\$3.51	\$0.00
2.1 Greater than 2" to 6" diameter		per foot	\$5.09	\$0.00
3.1 Dug/Bored well (up to 6 feet diameter)		per foot	\$16.96	\$0.00
I. Well Installation (In accordance with R.61-71)*				
1.1 Water Table (hand augered)		per foot	\$11.99	\$0.00
2.A Water Table (drill rig) 2" Diameter		per foot	\$42.98	\$0.00
2.1 Single-cased 2" Diameter Monitoring Well >50ft		per foot	\$43.46	\$0.00
3.1 Telescoping		per foot	\$56.55	\$0.00
4.1 Rock Drilling		per foot	\$65.60	\$0.00
5.1 2" Rock Coring		per foot	\$34.95	\$0.00
6.1 Multi-sampling ports/screens		per foot	\$37.78	\$0.00
7.1 Recovery Well (4" diameter)	75	per foot	\$50.90	\$3,817.50
9.1 Rotasonic (2" diameter)		per foot	\$49.77	\$0.00
10.1 Re-develop Existing Well		per foot	\$12.44	\$0.00
J. Groundwater Sample Collection / Gauging Depth to Water/Product *				
1.1 Groundwater Purge		per well	\$67.86	\$0.00
2.1 Air or Vapors		sample	\$13.57	\$0.00
3.1 Water Supply Sample		sample	\$24.88	\$0.00
4.1 HydraSleeve		sample	\$53.00	\$0.00
4.2A No-purge Groundwater Sample/Surface water		sample	\$31.67	\$0.00
5.1 Gauge Well only	40	sample	\$7.92	\$316.80

6.1 Sample Below Product	sample	\$13.57	\$0.00
7.1 Passive Diffusion Bag	sample	\$29.40	\$0.00
8.1 Field Duplicates (MWs & WSWs) and Field Blanks	sample	\$27.83	\$0.00
9.1 Groundwater (low flow purge)	sample	\$102.93	\$0.00
10.1 Equipment Blank	sample	\$27.83	\$0.00
11. Sample Product	per well	\$48.76	\$0.00
K. Laboratory Analyses-Groundwater			
1.1 BTEXNM+Oxyg's+1,2 DCA+Eth(8260D)	per sample	\$137.98	\$0.00
2.1 Lead, Filtered	per sample	\$15.60	\$0.00
3.1 Rush EPA Method 8260B	per sample	\$173.72	\$0.00
4.1 Trimethal, Butyl, and Isopropyl Benzenes	per sample	\$31.67	\$0.00
5.1 PAH's	per sample	\$68.54	\$0.00
6.1 Lead	per sample	\$18.09	\$0.00
7.1 EDB by EPA 8011	per sample	\$51.12	\$0.00
8.1 EDB by EPA Method 8011 Rush	per sample	\$77.14	\$0.00
9.1 8 RCRA Metals	per sample	\$71.71	\$0.00
10.1 TPH (9070)	per sample	\$46.38	\$0.00
11.1 PH	per sample	\$5.88	\$0.00
12.1 BOD	per sample	\$22.62	\$0.00
13.1 Ethanol	per sample	\$16.74	\$0.00
K. Analyses-Drinking Water			
14.1 BTEXNM+1,2 DCA (524.2)	per sample	\$140.30	\$0.00
15.1 7-OXYGENATES & ETHANOL (8260D)	per sample	\$103.77	\$0.00
16.1 EDB (504.1)	per sample	\$89.92	\$0.00
17.1 RCRA METALS (200.8)	per sample	\$113.10	\$0.00
K. Analyses-Soil			
18.1 BTEX + Naphth.	per sample	\$72.39	\$0.00
19.1 PAH's	per sample	\$72.43	\$0.00
20.1 8 RCRA Metals	per sample	\$63.79	\$0.00
21.1 TPH-DRO (3550C/8015C)	per sample	\$45.24	\$0.00
22.1 TPH- GRO (5035B/8015C)	per sample	\$40.67	\$0.00
23.1 Grain size/hydrometer	per sample	\$117.63	\$0.00
24.1 Total Organic Carbon	per sample	\$34.61	\$0.00
K. Analyses-Air			
25.1 BTEX + Naphthalene	per sample	\$244.30	\$0.00
K. Hydrocarbon Fuel Identification			
27. C3-C44 Whole Oil (ASTM D3328)	per sample	\$431.42	\$0.00
28. Fuel Oxygenates (1624 Mod)	per sample	\$368.88	\$0.00
29. ALKYL Leads, EDB MMT (8080)	per sample	\$368.88	\$0.00
30. C8-C40 Full Scan (ASTM 5739)	per sample	\$583.00	\$0.00
31. Simulated Distillation (ASTM 2887)	per sample	\$368.88	\$0.00
32. Parent & Alk. PAH Com. (8270 SIM)	per sample	\$670.03	\$0.00
33. C3-C10 Piano (8260 MOD)	per sample	\$555.44	\$0.00
34. C10+Alkane Fingerprints	per sample	\$555.44	\$0.00
35. Expert Data Interpretation & Report	each	\$551.20	\$0.00
L. Aquifer Characterization*			
1.1 Pumping Test	per hour	\$26.01	\$0.00
2.1 Slug Test	per test	\$216.03	\$0.00
3.1 Fractured Rock	per test	\$113.10	\$0.00
M. Free Product *			
1. Free Product Recovery Rate Test	each	\$42.98	\$0.00
N.			
O. Risk Evaluation			

1.1 Tier I Risk Evaluation		each	\$339.31	\$0.00
2.1 Tier II Risk Evaluation		each	\$113.10	\$0.00
P. Survey*				
1. Subsequent Survey		each	\$275.60	\$0.00
Q. Disposal (gallons or tons)*				
1.1 Wastewater		gallon	\$0.64	\$0.00
2.1 Free Product		gallon	\$0.56	\$0.00
3.1 Soil Treatment/Disposal		ton	\$67.86	\$0.00
4.1 Drilling fluids		gallon	\$0.48	\$0.00
R. Miscellaneous (attach receipts)				
oil absorbent booms	1	each	\$250.00	\$250.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
T. Tier I Assessment (Use DHEC 3665 form)				
1.1 Southeast Region		standard	\$11,687.56	\$0.00
2.1 All Other Counties		standard	\$12,818.58	\$0.00
U. IGWA (Use DHEC 3666 form)				
1.1 Southeast Region		standard	\$4,031.18	\$0.00
2.1 All Other Counties		standard	\$4,370.38	\$0.00
22. Active Correction Action		PFP	Bid Cost	\$0.00
W. Aggressive Fluid & Vapor Recovery (AFVR)				
1.1 8-hour Event*		per event	\$1,655.00	\$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*	5	per event	\$13,409.52	\$67,047.60
5. Off-gas Treatment 8 hour		per event	\$130.71	\$0.00
6.1 Off-gas Treatment 24 hour		per event	\$272.50	\$0.00
7.1 Off-gas Treatment 48 hour		per event	\$357.50	\$0.00
8. Off-gas Treatment 96 hour	5	per event	\$832.26	\$4,161.30
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
13.1 AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.59	\$0.00
14.1 AFVR Site Reconnaissance		each	\$280.00	\$0.00
15. Additional Hook-ups		each	\$27.48	\$0.00
16.1 AFVR Effluent Disposal	10000	gallon	\$0.49	\$4,900.00
17.1 AFVR Mobilization/Demobilization	5	each	\$720.00	\$3,600.00
18. Mobilization for absorbents/skimers		each	\$531.25	\$0.00
19. Well sock 2" ID well	40	each	\$34.20	\$1,368.00
20. Well sock 4" ID well		each	\$45.40	\$0.00
21. pad (per pad)		each	\$46.25	\$0.00
22. 3" diameter x 10' length boom		each	\$100.00	\$0.00
23. 5" diameter x 10' length boom		each	\$123.00	\$0.00
24. New FPP recovery skimmer (2" wells)		each	\$732.50	\$0.00
25. New FPP recovery skimmer (4" wells)		each	\$1,155.00	\$0.00
26. Refurbished FPP recovery skimmer (2" or 4" wells)		each	\$704.00	\$0.00
27. Disposal of Absorbents		pound	\$3.80	\$0.00
28. Disposal of product from skimmers		gallon	\$0.46	\$0.00
X. Granulated Activated Carbon (GAC) filter system installation & service:				
1.1 New GAC System Installation*		each	\$2,148.94	\$0.00
2.1 Refurbished GAC Sys. Install*		each	\$1,017.92	\$0.00
3.1 Filter replacement/removal*		each	\$395.86	\$0.00

4.1 GAC System removal, cleaning, & refurbishment*		each	\$311.04	\$0.00
5.1 GAC System housing*		each	\$282.76	\$0.00
6.1 In-line particulate filter		each	\$169.65	\$0.00
7.1 Additional piping & fittings		foot	\$1.70	\$0.00
Y. Well Repair				
1.1 Additional Copies of the Report Delivered	1	each	\$56.55	\$56.55
2.1 Repair 2x2 MW pad*		each	\$56.55	\$0.00
3.1 Repair 4x4 MW pad*		each	\$99.53	\$0.00
4.1 Replace well vault*		each	\$133.46	\$0.00
5.1 Replace well cover bolts		each	\$2.94	\$0.00
6.1 Replace locking well cap & lock		each	\$16.96	\$0.00
7.1 Replace/Repair stick-up*		each	\$151.56	\$0.00
8.1 Convert Flush-mount to Stick-up*		each	\$169.65	\$0.00
9.1 Convert Stick-up to Flush-mount*		each	\$147.03	\$0.00
10.1 Replace missing/illegible well ID plate		each	\$13.57	\$0.00
11. Down-hole Camera		per foot	\$27.08	\$0.00
Z. High Resolution Site Characterization				
1. HRSC Screening Equipment Mobilization		each	\$1,360.00	\$0.00
2. HRSC Drilling Category 1		per foot	\$29.00	\$0.00
3. HRSC Drilling Category 2		per foot	\$33.50	\$0.00
4. HRSC Drilling Category 3		per foot	\$27.00	\$0.00
5. HRSC 3-D Model		each	\$4,040.00	\$0.00
S. Report Prep & Project Management				
	12%	percent	\$91,343.62	\$10,961.23
TOTAL				\$102,304.85

DHEC D-4293 (06/2022) *The appropriate mobilization cost can be added to complete these tasks, as necessary



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

RECEIVED
APR 06 2023
UST DIVISION

To: Read Miner, PG (SCDHEC Project Manager)
From: Mark L. Keller, PG (Contractor Project Manager)
Contractor: KLM Environmental, LLC UST Contractor Certification Number: 345

Facility Name: Quick Pantry # 19 UST Permit #: 04785
Facility Address: 1802 S. Main Street, Greenwood, SC
Responsible Party: Bahuchar Mata, LLC Phone: 864-378-6993
RP Address: 311 Oakmonte Circle, Greenwood, SC 29649
Property Owner (if different): SMVS Real Estate
Property Owner Address: 1802 S. Main Street, Greenwood, SC 29646
Current Use of Property: Convenience Store and Gasoline 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, Oxygenates, EDB, PAH, Lead, 8 RCRA Metals, TPH, pH, BOD, Nitrate, Sulfate, Other, Methane, Ethanol, Dissolved Iron
Drinking Water Supply Wells: BTEXNMDCA, Oxygenates & Ethanol, Mercury, RCRA Metals, EDB
Soil: BTEXNM, PAH, Lead, RCRA Metals, Oil & Grease, TPH-DRO, TPH-GRO, Grain Size, TOC
Air: BTEXN

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

Soil, Water Supply Wells, Air, Field Blank, Monitoring Wells, Surface Water, Duplicate, Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
of shallow points proposed: 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 #: 04785 Facility Name: Quick Pantry # 19

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 30 DAYS Field Work Completion: 60 DAYS

Report Submittal: 90 DAYS # of Copies Provided to Property Owners: 4

Aquifer Characterization

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

Investigation Derived Waste Disposal

Soil: _____ Tons Purge Water: 125 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/repared, well pads/bolts/caps to replace, details of AFVR event, etc.

Sample all monitoring wells associated with the site. If free product is present in a well, sampling below the free product is required for this event. Sample all surface water bodies in the same locations as the Tier II. Please take photographs at each surface water sampling location to identify it in the future.

Please take photographs of free product in bailers as required in the QAPP. Only purge wells that do not bracket the water table.

Sample all SW-1 through SW-6. Also sample in the recovery trench, one sample on the northern end, one on the southern end.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____

SCDHEC Certification Number: _____

Name of Laboratory Director: _____

NA Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

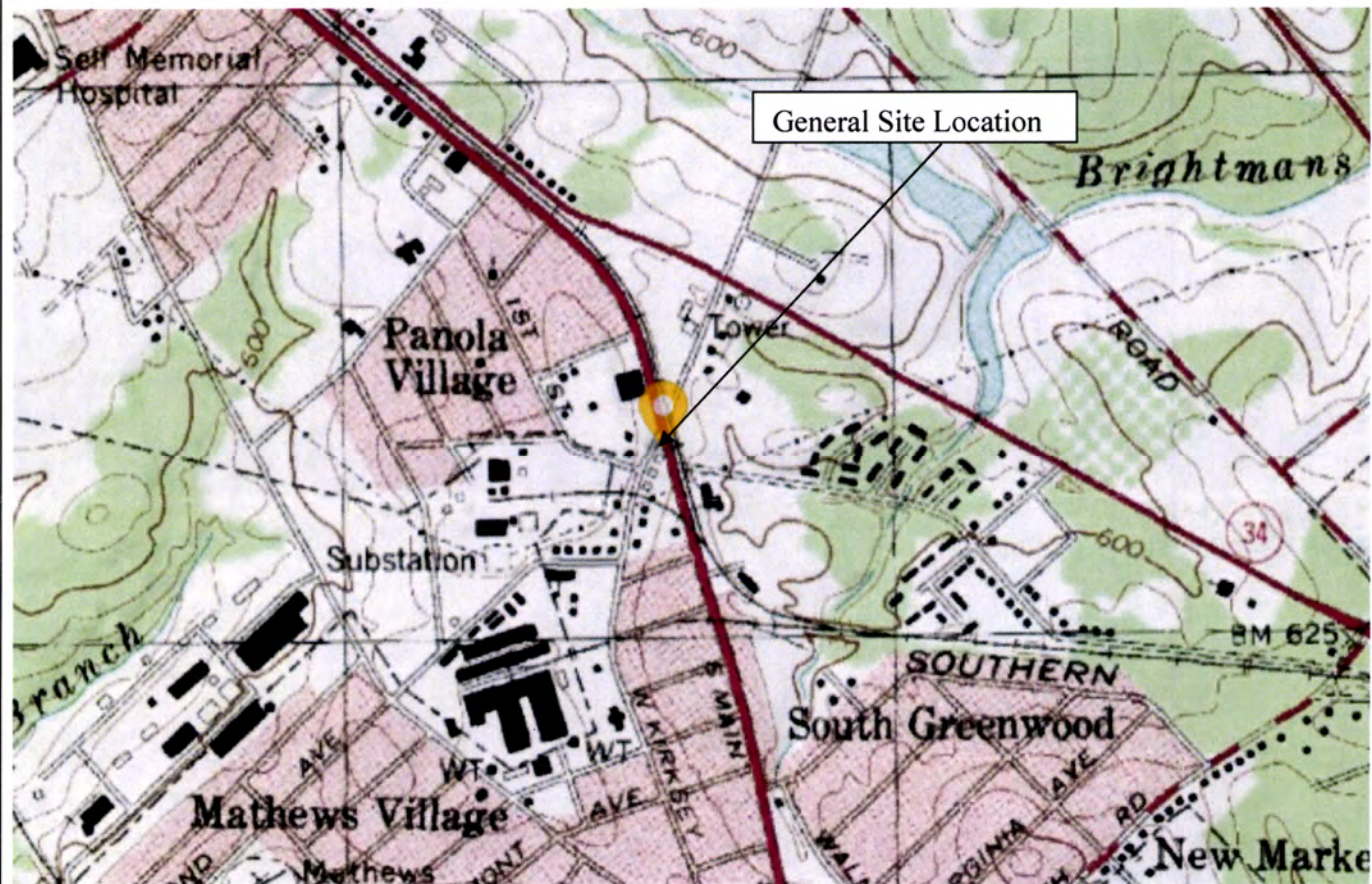
Name of Well Driller: _____

SCLLR Certification Number: _____

____ Other variations from ACQAP. Please describe below.

Attachments

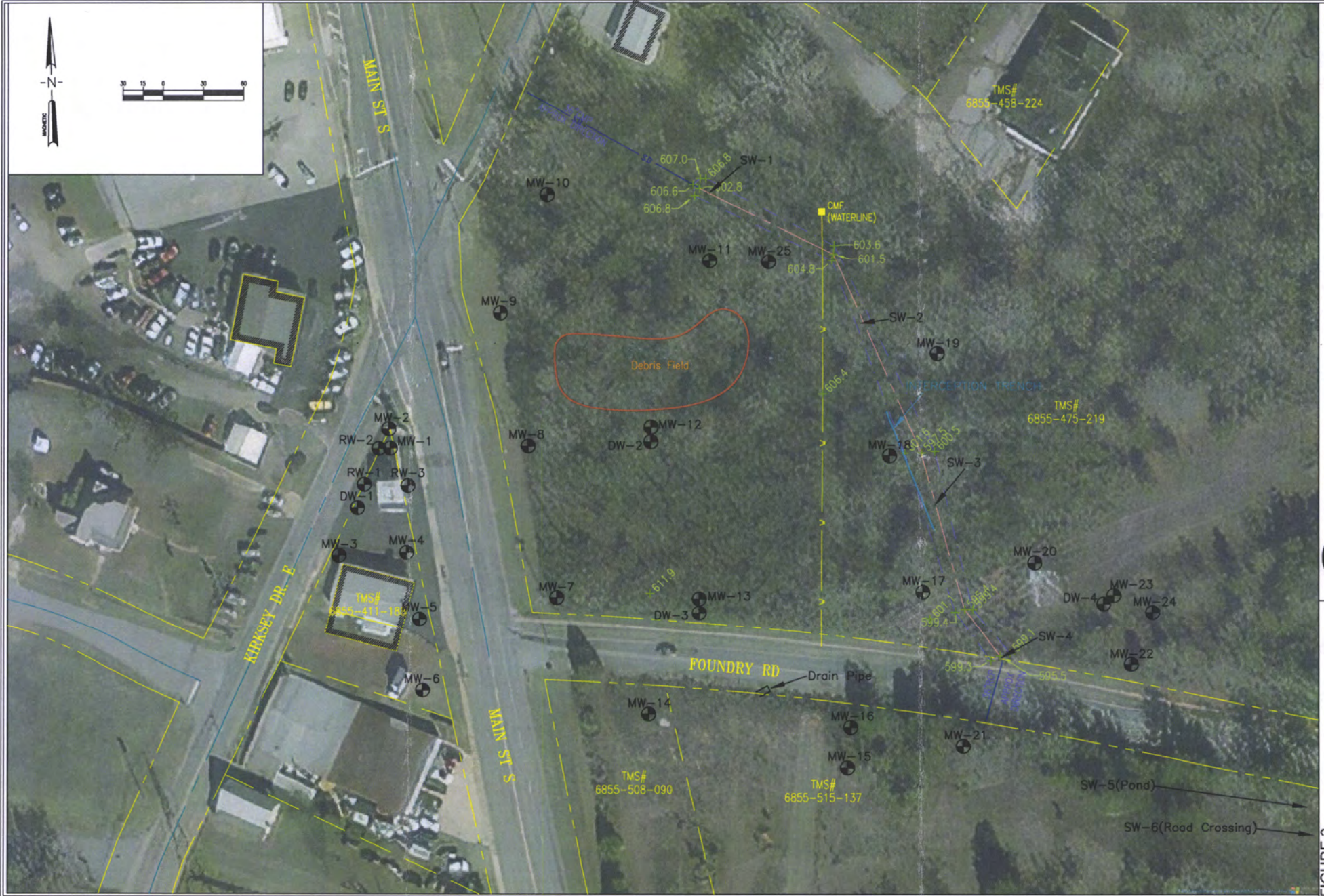
1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
North Arrow Proposed monitoring well locations
Location of property lines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



KLM Environmental, LLC

Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation

Figure 1
USGS Map
Quick Pantry # 19
Greenwood, SC
UST # 04785





ASSESSMENT COMPONENT COST AGREEMENT

South Carolina

Department of Health and Environmental Control

Underground Storage Tank Management Division

State Underground Petroleum Environmental Response Bank Account

July 1, 2022

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: _____

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
A. Plan Preparation				
1.1 Site-specific Work Plan	1	each	\$169.65	\$169.65
2.1 Tax Map		each	\$79.17	\$0.00
3.1 QAPP Contractor Addendum (App B)		each	\$250.00	\$0.00
B. Survey *				
1. Receptor Survey		each	\$623.20	\$0.00
C. Survey				
1.1 Comprehensive Survey		each	\$1,176.26	\$0.00
5. Ground Penetrating Radar Survey (100 x 100)		each	\$1,029.23	\$0.00
D. Mob/Demob				
1.1 Equipment		each	\$1,153.64	\$0.00
2.1 Personnel J,Q	11	each	\$478.42	\$5,262.62
3.1 Adverse Terrain Vehicle		each	\$565.51	\$0.00
E. Soil Borings*				
1. Soil Borings (hand auger)		foot	\$5.66	\$0.00
F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)*				
1.1 Standard		per foot	\$16.97	\$0.00
2.1 Fractured Rock		per foot	\$21.84	\$0.00
G.				
H. Well Abandonment (does not include Field Screening)*				
1.1 2" diameter or less		per foot	\$3.51	\$0.00
2.1 Greater than 2" to 6" diameter		per foot	\$5.09	\$0.00
3.1 Dug/Bored well (up to 6 feet diameter)		per foot	\$16.96	\$0.00
I. Well Installation (In accordance with R.61-71)*				
1.1 Water Table (hand augered)		per foot	\$11.99	\$0.00
2.A Water Table (drill rig) 2" Diameter		per foot	\$42.98	\$0.00
2.1 Single-cased 2" Diameter Monitoring Well >50ft		per foot	\$43.46	\$0.00
3.1 Telescoping		per foot	\$56.55	\$0.00
4.1 Rock Drilling		per foot	\$65.60	\$0.00
5.1 2" Rock Coring		per foot	\$34.95	\$0.00
6.1 Multi-sampling ports/screens		per foot	\$37.78	\$0.00
7.1 Recovery Well (4" diameter)		per foot	\$50.90	\$0.00
9.1 Rotosonic (2" diameter)		per foot	\$49.77	\$0.00
10.1 Re-develop Existing Well		per foot	\$12.44	\$0.00
J. Groundwater Sample Collection / Gauging Depth to Water/Product *				
1.1 Groundwater Purge	32	per well	\$67.86	\$2,171.52
2.1 Air or Vapors		sample	\$13.57	\$0.00

3.1 Water Supply Sample		sample	\$24.88	\$0.00
4.1 HydraSleeve		sample	\$53.00	\$0.00
4.2A No-purge Groundwater Sample/Surface water	128	sample	\$31.67	\$4,053.76
5.1 Gauge Well only		sample	\$7.92	\$0.00
6.1 Sample Below Product	32	sample	\$13.57	\$434.24
7.1 Passive Diffusion Bag		sample	\$29.40	\$0.00
8.1 Field Duplicates (MWs & WSWs) and Field Blar	32	sample	\$27.83	\$890.56
9.1 Groundwater (low flow purge)		sample	\$102.93	\$0.00
10.1 Equipment Blank	8	sample	\$27.83	\$222.64
11. Sample Product		per well	\$48.76	\$0.00
K. Laboratory Analyses-Groundwater				
1.1 BTEXNM+Oxyg's+1,2 DCA+Eth(8260D)	208	per sample	\$137.98	\$28,699.84
2.1 Lead, Filtered		per sample	\$15.60	\$0.00
3.1 Rush EPA Method 8260B		per sample	\$173.72	\$0.00
4.1 Trimethal, Butyl, and Isopropyl Benzenes		per sample	\$31.67	\$0.00
5.1 PAH's		per sample	\$68.54	\$0.00
6.1 Lead		per sample	\$18.09	\$0.00
7.1 EDB by EPA 8011	200	per sample	\$51.12	\$10,224.00
8.1 EDB by EPA Method 8011 Rush		per sample	\$77.14	\$0.00
9.1 8 RCRA Metals		per sample	\$71.71	\$0.00
10.1 TPH (9070)		per sample	\$46.38	\$0.00
11.1 PH		per sample	\$5.88	\$0.00
12.1 BOD		per sample	\$22.62	\$0.00
13.1 Ethanol		per sample	\$16.74	\$0.00
K. Analyses-Drinking Water				
14.1 BTEXNM+1,2 DCA (524.2)		per sample	\$140.30	\$0.00
15.1 7-OXYGENATES & ETHANOL (8260D)		per sample	\$103.77	\$0.00
16.1 EDB (504.1)		per sample	\$89.92	\$0.00
17.1 RCRA METALS (200.8)		per sample	\$113.10	\$0.00
K. Analyses-Soil				
18.1 BTEX + Naphth.		per sample	\$72.39	\$0.00
19.1 PAH's		per sample	\$72.43	\$0.00
20.1 8 RCRA Metals		per sample	\$63.79	\$0.00
21.1 TPH-DRO (3550C/8015C)		per sample	\$45.24	\$0.00
22.1 TPH- GRO (5035B/8015C)		per sample	\$40.67	\$0.00
23.1 Grain size/hydrometer		per sample	\$117.63	\$0.00
24.1 Total Organic Carbon		per sample	\$34.61	\$0.00
K. Analyses-Air				
25.1 BTEX + Naphthalene		per sample	\$244.30	\$0.00
K. Hydrocarbon Fuel Identification				
27. C3-C44 Whole Oil (ASTM D3328)		per sample	\$431.42	\$0.00
28. Fuel Oxygenates (1624 Mod)		per sample	\$368.88	\$0.00
29. ALKYL Leads, EDB MMT (8080)		per sample	\$368.88	\$0.00
30. C8-C40 Full Scan (ASTM 5739)		per sample	\$583.00	\$0.00
31. Simulated Distillation (ASTM 2887)		per sample	\$368.88	\$0.00
32. Parent & Alk. PAH Com. (8270 SIM)		per sample	\$670.03	\$0.00
33. C3-C10 Piano (8260 MOD)		per sample	\$555.44	\$0.00
34. C10+Alkane Fingerprints		per sample	\$555.44	\$0.00
35. Expert Data Interpretation & Report		each	\$551.20	\$0.00

L. Aquifer Characterization*					
1.1 Pumping Test		per hour	\$26.01		\$0.00
2.1 Slug Test		per test	\$216.03		\$0.00
3.1 Fractured Rock		per test	\$113.10		\$0.00
M. Free Product *					
1. Free Product Recovery Rate Test		each	\$42.98		\$0.00
N.					
O. Risk Evaluation					
1.1 Tier I Risk Evaluation		each	\$339.31		\$0.00
2.1 Tier II Risk Evaluation		each	\$113.10		\$0.00
P. Survey*					
1. Subsequent Survey		each	\$275.60		\$0.00
Q. Disposal (gallons or tons)*					
1.1 Wastewater	450	gallon	\$0.64		\$288.00
2.1 Free Product		gallon	\$0.56		\$0.00
3.1 Soil Treatment/Disposal		ton	\$67.86		\$0.00
4.1 Drilling fluids		gallon	\$0.48		\$0.00
R. Miscellaneous (attach receipts)					
		each	\$0.00		\$0.00
		each	\$0.00		\$0.00
		each	\$0.00		\$0.00
T. Tier I Assessment (Use DHEC 3665 form)					
1.1 Southeast Region		standard	\$11,687.56		\$0.00
2.1 All Other Counties		standard	\$12,818.58		\$0.00
U. IGWA (Use DHEC 3666 form)					
1.1 Southeast Region		standard	\$4,031.18		\$0.00
2.1 All Other Counties		standard	\$4,370.38		\$0.00
V. Active Correction Action					
		PFP	Bid Cost		\$0.00
W. Aggressive Fluid & Vapor Recovery (AFVR)					
1.1 8-hour Event*		per event	\$1,655.00		\$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
6.1 Off-gas Treatment 24 hour		per event	\$272.50		\$0.00
7.1 Off-gas Treatment 48 hour		per event	\$357.50		\$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
13.1 AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.59		\$0.00
14.1 AFVR Site Reconnaissance		each	\$280.00		\$0.00
15. Additional Hook-ups		each	\$27.48		\$0.00
16.1 AFVR Effluent Disposal		gallon	\$0.49		\$0.00
17.1 AFVR Mobilization/Demobilization		each	\$720.00		\$0.00
18. Mobilization for absorbents/skimers		each	\$531.25		\$0.00
19. Well sock 2" ID well		each	\$34.20		\$0.00
20. Well sock 4" ID well		each	\$45.40		\$0.00

21. pad (per pad)		each	\$46.25	\$0.00
22. 3" diameter x 10' length boom		each	\$100.00	\$0.00
23. 5" diameter x 10' length boom		each	\$123.00	\$0.00
24. New FPP recovery skimmer (2" wells)		each	\$732.50	\$0.00
25. New FPP recovery skimmer (4" wells)		each	\$1,155.00	\$0.00
26. Refurbished FPP recovery skimmer (2" or 4" wells)		each	\$704.00	\$0.00
27. Disposal of Absorbents		pound	\$3.80	\$0.00
28. Disposal of product from skimmers		gallon	\$0.46	\$0.00
X. Granulated Activated Carbon (GAC) filter system installation & service:				
1.1 New GAC System Installation*		each	\$2,148.94	\$0.00
2.1 Refurbished GAC Sys. Install*		each	\$1,017.92	\$0.00
3.1 Filter replacement/removal*		each	\$395.86	\$0.00
4.1 GAC System removal, cleaning, & refurbishment*		each	\$311.04	\$0.00
5.1 GAC System housing*		each	\$282.76	\$0.00
6.1 In-line particulate filter		each	\$169.65	\$0.00
7.1 Additional piping & fittings		foot	\$1.70	\$0.00
Y. Well Repair				
1.1 Additional Copies of the Report Delivered	4	each	\$56.55	\$226.20
2.1 Repair 2x2 MW pad*		each	\$56.55	\$0.00
3.1 Repair 4x4 MW pad*		each	\$99.53	\$0.00
4.1 Replace well vault*		each	\$133.46	\$0.00
5.1 Replace well cover bolts		each	\$2.94	\$0.00
6.1 Replace locking well cap & lock		each	\$16.96	\$0.00
7.1 Replace/Repair stick-up*		each	\$151.56	\$0.00
8.1 Convert Flush-mount to Stick-up*		each	\$169.65	\$0.00
9.1 Convert Stick-up to Flush-mount*		each	\$147.03	\$0.00
10.1 Replace missing/illegible well ID plate		each	\$13.57	\$0.00
11. Down-hole Camera		per foot	\$27.08	\$0.00
Z. High Resolution Site Characterization				
1. HRSC Screening Equipment Mobilization		each	\$1,360.00	\$0.00
2. HRSC Drilling Category 1		per foot	\$29.00	\$0.00
3. HRSC Drilling Category 2		per foot	\$33.50	\$0.00
4. HRSC Drilling Category 3		per foot	\$27.00	\$0.00
5. HRSC 3-D Model		each	\$4,040.00	\$0.00
S. Report Prep & Project Management	12%	percent	\$52,643.03	\$6,317.16
TOTAL				\$58,960.19



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

Received
5-18-23

To: Read Miner, PG (SCDHEC Project Manager)
From: Mark L. Keller, PG (Contractor Project Manager)
Contractor: KLM Environmental, LLC UST Contractor Certification Number: 345

Facility Name: Quick Pantry # 19 UST Permit #: 04785
Facility Address: 1802 S. Main Street, Greenwood, SC
Responsible Party: Bahuchar Mata, LLC Phone: 864-378-6998
RP Address: 311 Oakmonte Circle, Greenwood, SC 29649
Property Owner (if different): SMVS Real Estate
Property Owner Address: 1802 S. Main Street, Greenwood, SC 29646
Current Use of Property: Convenience Store and Gasoline Station



Scope of Work (Please check all that apply)

- IGWA, Tier I, Tier II, Monitoring Well Installation, Groundwater Sampling, GAC, Other AFVR, well socks

Analyses (Please check all that apply)

- Groundwater/Surface Water: BTEXNMDCA, Oxygenates, EDB, PAH, Lead, 8 RCRA Metals, TPH, pH, BOD, Nitrate, Sulfate, Other, Methane, Ethanol, Dissolved Iron
Drinking Water Supply Wells: BTEXNMDCA, Oxygenates & Ethanol, Mercury, RCRA Metals, EDB
Soil: BTEXNM, PAH, Lead, RCRA Metals, Oil & Grease, TPH-DRO, TPH-GRO, Grain Size, TOC
Air: BTEXN

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

Soil, Water Supply Wells, Air, Field Blank, Monitoring Wells, Surface Water, Duplicate, Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
of shallow points proposed: 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: 4 Estimated Footage: 19 feet per point
Comments, if warranted:

UST Permit #: 04785 Facility Name: Quick Pantry # 19

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 60 Days Field Work Completion: 120
Report Submittal: 150 Days # 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: 4 Tons Purge Water: _____ Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: 50 Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repared, well pads/bolts/caps to replace, details of AFVR event, etc.

Conduct 5 AFVR events at each section of the contaminant plume. The previously constructed manifold system will be utilized again to reach wells in the wooded area. The first event will be conducted in the tank pit area on wells that measure with free product to include Monitoring Well MW-1.

The second event will be conducted on MW-3 and MW-5. The third event will utilize MW-8,9, RW-4 & 5. The fourth event will utilize MW-12,13, & RW-6.

The last event will utilize MW-17, 18 & RW-7. The containment booms will also need to be changed. KLM will need to purchase a new set of booms, use a tractor to remove the old booms as they become too heavy for personnel to lift, and install new booms. That work is proposed in this work scope.

After, KLM will install absorbent socks in the former free product wells. Those will be changed out every 2 weeks for 3 events. The wells will be gauged at that time. KLM will install recovery wells in the vicinity of MW-8,MW-9, MW-12, and MW-18 due to very high levels in these areas previously. A sampling workplan is to follow.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.
Name of Laboratory: _____
SCDHEC Certification Number: _____
Name of Laboratory Director: _____

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

____ Other variations from ACQAP. Please describe below.

Attachments

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



ASSESSMENT COMPONENT INVOICE

South Carolina

Department of Health and Environmental Control

Underground Storage Tank Management Division

State Underground Petroleum Environmental Response Bank Account

July 1, 2022

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: _____

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
A. Plan Preparation				
1.1 Site-specific Work Plan	1	each	\$169.65	\$169.65
2.1 Tax Map		each	\$79.17	\$0.00
3.1 QAPP Contractor Addendum (App B)		each	\$250.00	\$0.00
B. Survey *				
1. Receptor Survey		each	\$623.20	\$0.00
C. Survey				
1.1 Comprehensive Survey		each	\$1,176.26	\$0.00
5. Ground Penetrating Radar Survey (100 x 100)		each	\$1,029.23	\$0.00
D. Mob/Demob				
1.1 Equipment I.R	2	each	\$1,153.64	\$2,307.28
2.1 Personnel I,P,Q,R,W19	7	each	\$478.42	\$3,348.94
3.1 Adverse Terrain Vehicle I	1	each	\$565.51	\$565.51
E. Soil Borings*				
1. Soil Borings (hand auger)		foot	\$5.66	\$0.00
F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)*				
1.1 Standard		per foot	\$16.97	\$0.00
2.1 Fractured Rock		per foot	\$21.84	\$0.00
G.				
H. Well Abandonment (does not include Field Screening)*				
1.1 2" diameter or less		per foot	\$3.51	\$0.00
2.1 Greater than 2" to 6" diameter		per foot	\$5.09	\$0.00
3.1 Dug/Bored well (up to 6 feet diameter)		per foot	\$16.96	\$0.00
I. Well Installation (In accordance with R.61-71)*				
1.1 Water Table (hand augered)		per foot	\$11.99	\$0.00
2.A Water Table (drill rig) 2" Diameter		per foot	\$42.98	\$0.00
2.1 Single-cased 2" Diameter Monitoring Well >50ft		per foot	\$43.46	\$0.00
3.1 Telescoping		per foot	\$56.55	\$0.00
4.1 Rock Drilling		per foot	\$65.60	\$0.00
5.1 2" Rock Coring		per foot	\$34.95	\$0.00
6.1 Multi-sampling ports/screens		per foot	\$37.78	\$0.00
7.1 Recovery Well (4" diameter)	75	per foot	\$50.90	\$3,817.50
9.1 Rotasonic (2" diameter)		per foot	\$49.77	\$0.00
10.1 Re-develop Existing Well		per foot	\$12.44	\$0.00
J. Groundwater Sample Collection / Gauging Depth to Water/Product *				
1.1 Groundwater Purge		per well	\$67.86	\$0.00
2.1 Air or Vapors		sample	\$13.57	\$0.00

3.1 Water Supply Sample		sample	\$24.88	\$0.00
4.1 HydraSleeve		sample	\$53.00	\$0.00
4.2A No-purge Groundwater Sample/Surface water		sample	\$31.67	\$0.00
5.1 Gauge Well only	40	sample	\$7.92	\$316.80
6.1 Sample Below Product		sample	\$13.57	\$0.00
7.1 Passive Diffusion Bag		sample	\$29.40	\$0.00
8.1 Field Duplicates (MWs & WSWs) and Field Blanks		sample	\$27.83	\$0.00
9.1 Groundwater (low flow purge)		sample	\$102.93	\$0.00
10.1 Equipment Blank		sample	\$27.83	\$0.00
11. Sample Product		per well	\$48.76	\$0.00
K. Laboratory Analyses-Groundwater				
1.1 BTEXNM+Oxyg's+1,2 DCA+Eth(8260D)		per sample	\$137.98	\$0.00
2.1 Lead, Filtered		per sample	\$15.60	\$0.00
3.1 Rush EPA Method 8260B		per sample	\$173.72	\$0.00
4.1 Trimethal, Butyl, and Isopropyl Benzenes		per sample	\$31.67	\$0.00
5.1 PAH's		per sample	\$68.54	\$0.00
6.1 Lead		per sample	\$18.09	\$0.00
7.1 EDB by EPA 8011		per sample	\$51.12	\$0.00
8.1 EDB by EPA Method 8011 Rush		per sample	\$77.14	\$0.00
9.1 8 RCRA Metals		per sample	\$71.71	\$0.00
10.1 TPH (9070)		per sample	\$46.38	\$0.00
11.1 PH		per sample	\$5.88	\$0.00
12.1 BOD		per sample	\$22.62	\$0.00
13.1 Ethanol		per sample	\$16.74	\$0.00
K. Analyses-Drinking Water				
14.1 BTEXNM+1,2 DCA (524.2)		per sample	\$140.30	\$0.00
15.1 7-OXYGENATES & ETHANOL (8260D)		per sample	\$103.77	\$0.00
16.1 EDB (504.1)		per sample	\$89.92	\$0.00
17.1 RCRA METALS (200.8)		per sample	\$113.10	\$0.00
K. Analyses-Soil				
18.1 BTEX + Naphth.		per sample	\$72.39	\$0.00
19.1 PAH's		per sample	\$72.43	\$0.00
20.1 8 RCRA Metals		per sample	\$63.79	\$0.00
21.1 TPH-DRO (3550C/8015C)		per sample	\$45.24	\$0.00
22.1 TPH- GRO (5035B/8015C)		per sample	\$40.67	\$0.00
23.1 Grain size/hydrometer		per sample	\$117.63	\$0.00
24.1 Total Organic Carbon		per sample	\$34.61	\$0.00
K. Analyses-Air				
25.1 BTEX + Naphthalene		per sample	\$244.30	\$0.00
K. Hydrocarbon Fuel Identification				
27. C3-C44 Whole Oil (ASTM D3328)		per sample	\$431.42	\$0.00
28. Fuel Oxygenates (1624 Mod)		per sample	\$368.88	\$0.00
29. ALKYL Leads, EDB MMT (8080)		per sample	\$368.88	\$0.00
30. C8-C40 Full Scan (ASTM 5739)		per sample	\$583.00	\$0.00
31. Simulated Distillation (ASTM 2887)		per sample	\$368.88	\$0.00
32. Parent & Alk. PAH Com. (8270 SIM)		per sample	\$670.03	\$0.00
33. C3-C10 Piano (8260 MOD)		per sample	\$555.44	\$0.00
34. C10+Alkane Fingerprints		per sample	\$555.44	\$0.00
35. Expert Data Interpretation & Report		each	\$551.20	\$0.00

L. Aquifer Characterization*					
1.1 Pumping Test		per hour	\$26.01		\$0.00
2.1 Slug Test		per test	\$216.03		\$0.00
3.1 Fractured Rock		per test	\$113.10		\$0.00
M. Free Product *					
1. Free Product Recovery Rate Test		each	\$42.98		\$0.00
N.					
O. Risk Evaluation					
1.1 Tier I Risk Evaluation		each	\$339.31		\$0.00
2.1 Tier II Risk Evaluation		each	\$113.10		\$0.00
P. Survey*					
1. Subsequent Survey		each	\$275.60		\$0.00
Q. Disposal (gallons or tons)*					
1.1 Wastewater		gallon	\$0.64		\$0.00
2.1 Free Product		gallon	\$0.56		\$0.00
3.1 Soil Treatment/Disposal	4	ton	\$67.86		\$271.44
4.1 Drilling fluids		gallon	\$0.48		\$0.00
R. Miscellaneous (attach receipts)					
oil absorbent booms	2	each	\$250.00		\$500.00
		each	\$0.00		\$0.00
		each	\$0.00		\$0.00
T. Tier I Assessment (Use DHEC 3665 form)					
1.1 Southeast Region		standard	\$11,687.56		\$0.00
2.1 All Other Counties		standard	\$12,818.58		\$0.00
U. IGWA (Use DHEC 3666 form)					
1.1 Southeast Region		standard	\$4,031.18		\$0.00
2.1 All Other Counties		standard	\$4,370.38		\$0.00
22. Active Correction Action					
		PFP	Bid Cost		\$0.00
W. Aggressive Fluid & Vapor Recovery (AFVR)					
1.1 8-hour Event*		per event	\$1,655.00		\$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*	5	per event	\$13,409.52		\$67,047.60
5. Off-gas Treatment 8 hour		per event	\$130.71		\$0.00
6.1 Off-gas Treatment 24 hour		per event	\$272.50		\$0.00
7.1 Off-gas Treatment 48 hour		per event	\$357.50		\$0.00
8. Off-gas Treatment 96 hour	5	per event	\$832.26		\$4,161.30
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
13.1 AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.59		\$0.00
14.1 AFVR Site Reconnaissance		each	\$280.00		\$0.00
15. Additional Hook-ups		each	\$27.48		\$0.00
16.1 AFVR Effluent Disposal	10000	gallon	\$0.49		\$4,900.00
17.1 AFVR Mobilization/Demobilization	5	each	\$720.00		\$3,600.00
18. Mobilization for absorbents/skimers		each	\$531.25		\$0.00
19. Well sock 2" ID well	40	each	\$34.20		\$1,368.00
20. Well sock 4" ID well		each	\$45.40		\$0.00

21. pad (per pad)		each	\$46.25	\$0.00
22. 3" diameter x 10' length boom		each	\$100.00	\$0.00
23. 5" diameter x 10' length boom		each	\$123.00	\$0.00
24. New FPP recovery skimmer (2" wells)		each	\$732.50	\$0.00
25. New FPP recovery skimmer (4" wells)		each	\$1,155.00	\$0.00
26. Refurbished FPP recovery skimmer (2" or 4" wells)		each	\$704.00	\$0.00
27. Disposal of Absorbents		pound	\$3.80	\$0.00
28. Disposal of product from skimmers		gallon	\$0.46	\$0.00
X. Granulated Activated Carbon (GAC) filter system installation & service:				
1.1 New GAC System Installation*		each	\$2,148.94	\$0.00
2.1 Refurbished GAC Sys. Install*		each	\$1,017.92	\$0.00
3.1 Filter replacement/removal*		each	\$395.86	\$0.00
4.1 GAC System removal, cleaning, & refurbishment*		each	\$311.04	\$0.00
5.1 GAC System housing*		each	\$282.76	\$0.00
6.1 In-line particulate filter		each	\$169.65	\$0.00
7.1 Additional piping & fittings		foot	\$1.70	\$0.00
Y. Well Repair				
1.1 Additional Copies of the Report Delivered	1	each	\$56.55	\$56.55
2.1 Repair 2x2 MW pad*		each	\$56.55	\$0.00
3.1 Repair 4x4 MW pad*		each	\$99.53	\$0.00
4.1 Replace well vault*		each	\$133.46	\$0.00
5.1 Replace well cover bolts		each	\$2.94	\$0.00
6.1 Replace locking well cap & lock		each	\$16.96	\$0.00
7.1 Replace/Repair stick-up*		each	\$151.56	\$0.00
8.1 Convert Flush-mount to Stick-up*		each	\$169.65	\$0.00
9.1 Convert Stick-up to Flush-mount*		each	\$147.03	\$0.00
10.1 Replace missing/illegible well ID plate		each	\$13.57	\$0.00
11. Down-hole Camera		per foot	\$27.08	\$0.00
Z. High Resolution Site Characterization				
1. HRSC Screening Equipment Mobilization		each	\$1,360.00	\$0.00
2. HRSC Drilling Category 1		per foot	\$29.00	\$0.00
3. HRSC Drilling Category 2		per foot	\$33.50	\$0.00
4. HRSC Drilling Category 3		per foot	\$27.00	\$0.00
5. HRSC 3-D Model		each	\$4,040.00	\$0.00
S. Report Prep & Project Management	12%	percent	\$92,430.57	\$11,091.67
TOTAL				\$103,522.24

DHEC D-4293 (06/2022) *The appropriate mobilization cost can be added to complete these tasks, as necessary



MAY 26 2023

BAHUCHAR MATA LLC
ATTN MIKE PATEL
311 OARMOTE CIRCLE
GREENWOOD SC 29649

Re: **Site-Specific Work Plan Request for Additional Assessment**
Quick Pantry #19, 1802 S Main St., Greenwood, SC
UST Permit #04785
Releases reported March 9, 2021 and September 28, 2021
Monitoring Received March 6, 2023
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank Management (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels.

Pursuant to S.C. Code Ann. Section 44-2-40(D), "The SUPERB Account and the SUPERB Financial Responsibility Fund shall provide combined coverage for site rehabilitation and third party claims, respectively, not to exceed one million dollars per occurrence". **According to UST Division records, approximately \$376,497.88 for release #2 and \$133,319.65 for Release #3 has been expended from the SUPERB Account to date.**

To determine what risk the referenced release may pose to human health and the environment, in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations R.61-92, your contractor has recommended additional assessment. The assessment must be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and all applicable regulations. The QAPP is available at scdhec.gov/Environment/Land-Waste/Underground-Storage-Tanks/Release-Assessment-Clean/Quality-Assurance.

- The SSWP for completion of one additional group of Aggressive Fluid Vapor Recovery events has been received and will be processed under separate letterhead.
- The SSWP for monitoring activities has been received and will be processed under separate letterhead.
- **The current wells in the network are very broadly spaced. Additional wells in the nodes between the existing wells are needed to verify the radius of influence, effectiveness of the AFVR events to date, and the quantity/concentrations left to remove/treat.**

- **Please ensure that any assessment activities necessary to prepare the release for active corrective action are included in this work scope.**

Your contractor must complete the SSWP and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence concerning this site, please reference the above listed UST Permit number. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803)-898-0673, or by email at minerrs@dhec.sc.gov.

Sincerely,



Read S. Miner, P.G., Hydrogeologist
Corrective Action & Field Support Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445
Technical file



Healthy People. Healthy Communities.

BAHUCHAR MATA LLC
ATTN MIKE PATEL
311 OARMOTE CIRCLE
GREENWOOD SC 29649

MAY 31 2023



Re: **Site Specific Work Plan Approval and Groundwater Sampling Notice to Proceed**
Quick Pantry 19, 1802 S. Main St., Greenwood, SC
UST Permit #04785; CA #67144 and #67145
Releases reported March 9, 2021, and September 28, 2021
SSWP received April 6, 2023
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site Specific Work Plan (SSWP) submitted by your contractor. The groundwater sampling event should begin immediately upon receipt of this letter. All work should be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and all applicable regulations. The QAPP is available at scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

Pursuant to S.C. Code Ann. Section 44-2-40(D), "The SUPERB Account and the SUPERB Financial Responsibility Fund shall provide combined coverage for site rehabilitation and third party claims, respectively, not to exceed one million dollars per occurrence".

According to UST Division records, approximately \$376,497.88 has been expended for release #2 and \$133,319.65 for release #3 from the SUPERB Account to date. This scope of work, as recommended by your contractor, is anticipated to cost approximately \$49,341.46, split equally between the two releases.

Please note the following changes to the cost agreement and SSWP

- Only one monitoring well has contained detectable concentrations of EDB. The number of EDB analyses has been reduced to include that well plus a few select wells surrounding it.

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 for the first event should be submitted to the UST Division within sixty (60) days from the date of this letter. Subsequent reports should be submitted on the previously requested schedule. All reports submitted for these activities should include the required information outlined in the QAPP.

In accordance with Section IV.A.4.c of the SUPERB Site Rehabilitation & Fund Access Regulation (R.61-98), the contractor shall be required to indemnify the property owner, underground storage tank owner/operator and the State of South Carolina from and against all claims, damages, losses and expenses arising out of or resulting from activity conducted by the contractor, its agents, employees or subcontractors.

Your contractor can submit an invoice for each completed report for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. If the first invoice is not submitted within 120 days from the date of this letter, monies allocated for this cost agreement will be uncommitted. This means that invoices will not be processed for payment until all other committed funds are paid or monies become available.

Please note that Section 44-2-130 of the SUPERB Statute states that no costs will be allowed unless prior approval is obtained from DHEC. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be pre-approved by 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.

If the report cannot be submitted by the required due date, an extension may be requested by submitting a written request, either via postal mail or email, to my attention prior to the due date. The Department will issue a Notice of Alleged Violation if the report is not submitted by the required due date.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility following each sampling event. 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 each 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.

If it is determined, upon review of any report, that data acquisition under this cost agreement is no longer needed, you and your contractor will be notified that all further work under this cost agreement will be terminated.

On all correspondence concerning this site, please reference the above UST Permit number. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803) 898-0673, or by email at minerrs@dhec.sc.gov.

Sincerely,

Read S Miner

Read S. Miner, P.G., Hydrogeologist
Corrective Action & Field Support Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445 (w/ enc)
Technical file (w/ enc)

Approved Cost Agreement

67144

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1.1 SITE SPECIFIC WORK PLAN	0.5000	\$169.650	84.83
D MOB/DEMOB		2.1 PERSONNEL	5.5000	\$478.420	2,631.31
J SAMPLE COLLECTION		1.1 GROUND WATER PURGE	16.0000	\$67.860	1,085.76
		10.1 EQUIPMENT BLANK	4.0000	\$27.830	111.32
		4.2A NO-PURGE GW SAMPLE/SURFACE	64.0000	\$31.670	2,026.88
		6.1 SAMPLE BELOW PRODUCT	16.0000	\$13.570	217.12
		8.1 FIELD DUPL. (MWS & WSWs) & FB	16.0000	\$27.830	445.28
K ANALYSES	GW GROUNDWATER	1.1 BTEXNM+OXYGS+1,2 DCA+ETH-8260D	104.0000	\$137.980	14,349.92
		7.1 EDB BY EPA 8011	16.0000	\$51.120	817.92
Q DISPOSAL		1.1 WASTEWATER	225.0000	\$0.640	144.00
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$22,027.440	2,643.29
Y WELL REPAIR		1.1 ADDITIONAL COPIES OF REPORT	2.0000	\$56.550	113.10
Total Amount					24,670.73

Approved Cost Agreement

07/143

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION					
		1.1 SITE SPECIFIC WORK PLAN	0.5000	\$169.650	84.83
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		6.1 SAMPLE BELOW PRODUCT	16.0000	\$13.570	217.12
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K ANALYSES					
	GW GROUNDWATER	1.1 BTEXNM+OXYGS+1,2 DCA+ETH-8260D	104.0000	\$137.980	14,349.92
		7.1 EDB BY EPA 8011	16.0000	\$51.120	817.92
Q DISPOSAL					
		1.1 WASTEWATER	225.0000	\$0.640	144.00
S REPORT PROJECT MANAGEMENT					
		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$22,027.440	2,643.29
Y WELL REPAIR					
		1.1 ADDITIONAL COPIES OF REPORT	2.0000	\$56.550	113.10
Total Amount					24,670.73



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

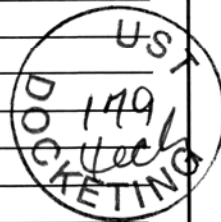
RECEIVED

MAY 30 2023

UST DIVISION

To: Read Miner, PG (SCDHEC Project Manager)
 From: Mark L. Keller, PG (Contractor Project Manager)
 Contractor: KLM Environmental, LLC UST Contractor Certification Number: 345

Facility Name: Quick Pantry # 19 UST Permit #: 04785
 Facility Address: 1802 S. Main Street, Greenwood, SC
 Responsible Party: Bahuchar Mata, LLC Phone: 864-378-6993
 RP Address: 311 Oakmonte Circle, Greenwood, SC 29649
 Property Owner (if different): SMVS Real Estate
 Property Owner Address: 1802 S. Main Street, Greenwood, SC 29646
 Current Use of Property: Convenience Store and Gasoline Station



Scope of Work (Please check all that apply)

<input type="checkbox"/> IGWA	<input type="checkbox"/> Tier II	<input type="checkbox"/> Groundwater Sampling	<input type="checkbox"/> GAC
<input type="checkbox"/> Tier I	<input type="checkbox"/> Monitoring Well Installation	<input checked="" type="checkbox"/> Other <u>Well Abandonment</u>	

Analyses (Please check all that apply)

Groundwater/Surface Water:

<input type="checkbox"/> BTEXNMDCA (8260D)	<input type="checkbox"/> Lead	<input type="checkbox"/> BOD	<input type="checkbox"/> Methane
<input type="checkbox"/> Oxygenates (8260D)	<input type="checkbox"/> 8 RCRA Metals	<input type="checkbox"/> Nitrate	<input type="checkbox"/> Ethanol
<input type="checkbox"/> EDB (8011)	<input type="checkbox"/> TPH	<input type="checkbox"/> Sulfate	<input type="checkbox"/> Dissolved Iron
<input type="checkbox"/> PAH (8270E)	<input type="checkbox"/> pH	<input type="checkbox"/> Other _____	

Drinking Water Supply Wells:

<input type="checkbox"/> BTEXNMDCA (524.2)	<input type="checkbox"/> Mercury (200.8 245.1 or 245.2)	<input type="checkbox"/> EDB (504.1)
<input type="checkbox"/> Oxygenates & Ethanol (8260D)	<input type="checkbox"/> RCRA Metals (200.8)	

Soil:

<input type="checkbox"/> BTEXNM	<input type="checkbox"/> Lead	<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> TPH-DRO (3550B/8015B)	<input type="checkbox"/> Grain Size
<input type="checkbox"/> PAH	<input type="checkbox"/> Oil & Grease (9071)	<input type="checkbox"/> TPH-GRO (5030B/8015B)	<input type="checkbox"/> TOC	

Air:

BTEXN

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

_____ Soil	_____ Water Supply Wells	_____ Air	_____ Field Blank
_____ Monitoring Wells	_____ Surface Water	_____ Duplicate	_____ Trip Blank

Field Screening Methodology

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

of shallow points proposed: _____ 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 #: 04785 Facility Name: Quick Pantry # 19

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 3 DAYS Field Work Completion: 1 DAY

Report Submittal: 30 DAYS # of Copies Provided to Property Owners: 1

Aquifer Characterization

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

Investigation Derived Waste Disposal

Soil: _____ Tons Purge Water: _____ 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/repared, well pads/bolts/caps to replace, details of AFVR event, etc.

Abandon monitoring wells MW-15 and MW-21 to facilitate construction on the former Foundry property.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

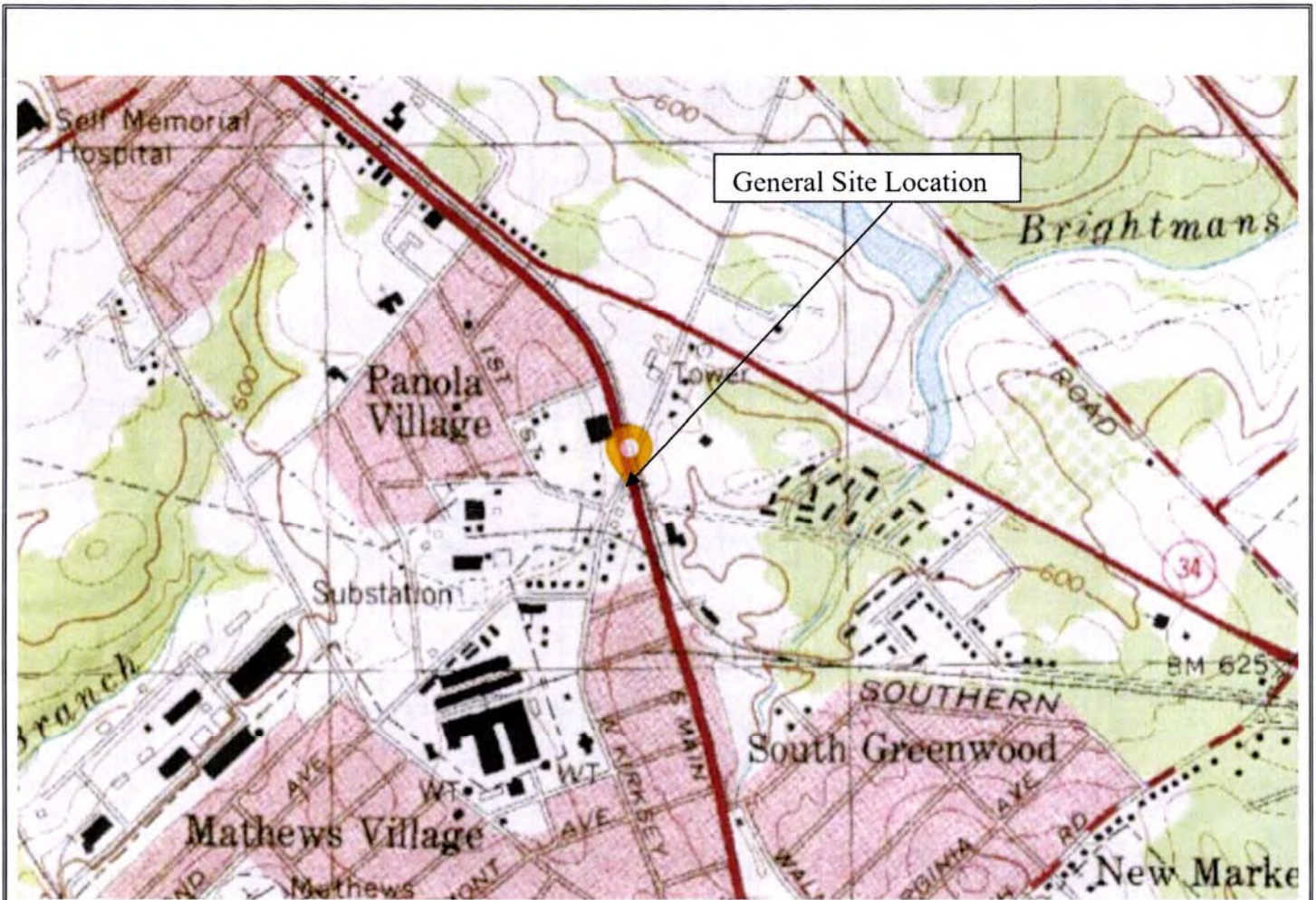
Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.
Name of Laboratory: _____
SCDHEC Certification Number: _____
Name of Laboratory Director: _____

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

 Other variations from ACQAP. Please describe below.

Attachments

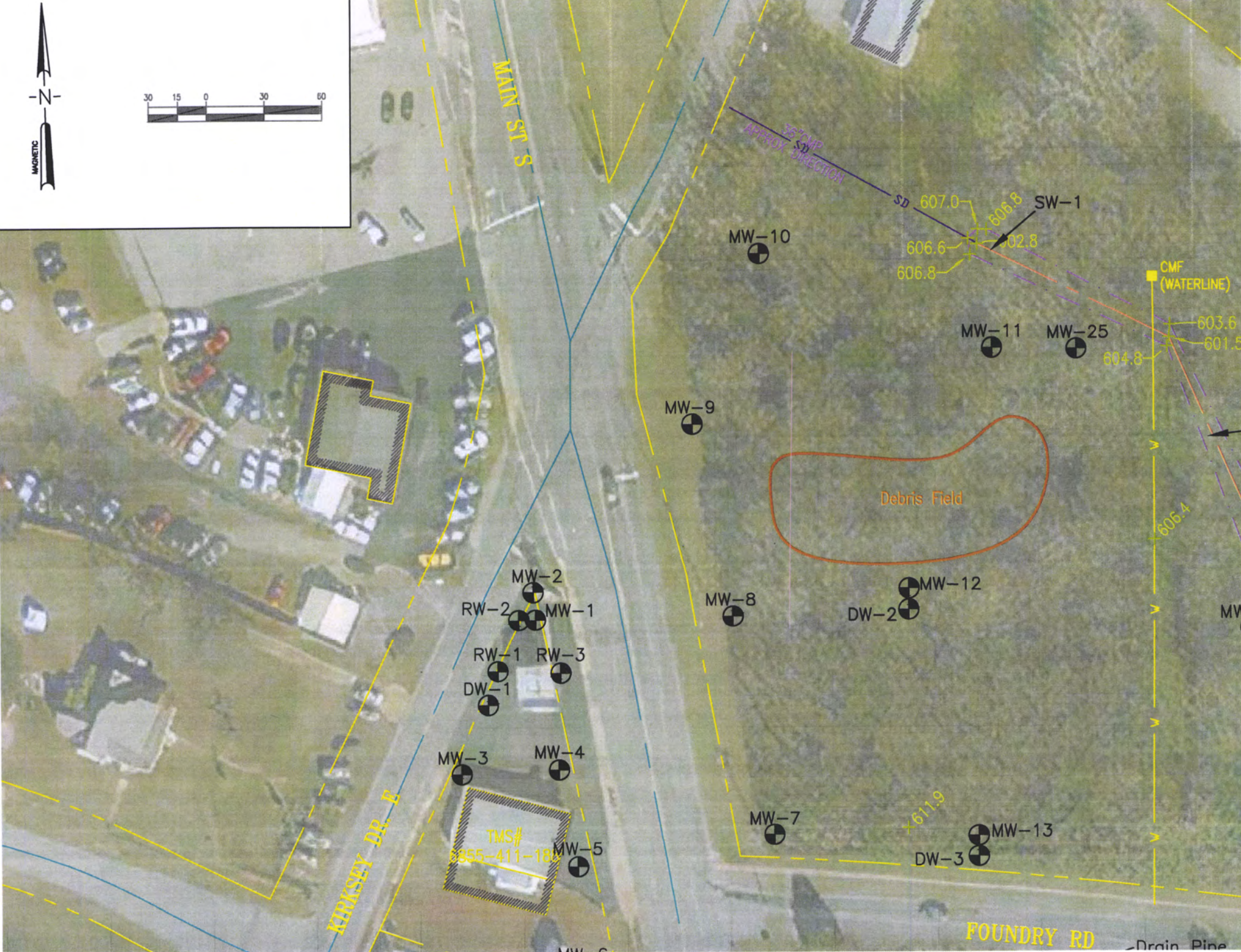
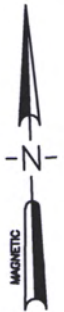
1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
North Arrow
Location of property lines
Location of buildings
Previous soil 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



KLM Environmental, LLC

Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation

Figure 1
USGS Map
Quick Pantry # 19
Greenwood, SC
UST # 04785





ASSESSMENT COMPONENT COST AGREEMENT

South Carolina

Department of Health and Environmental Control

Underground Storage Tank Management Division

State Underground Petroleum Environmental Response Bank Account

July 1, 2022

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: _____

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
A. Plan Preparation				
1.1 Site-specific Work Plan	1	each	\$169.65	\$169.65
2.1 Tax Map		each	\$79.17	\$0.00
3.1 QAPP Contractor Addendum (App B)		each	\$250.00	\$0.00
B. Survey *				
1. Receptor Survey		each	\$623.20	\$0.00
C. Survey				
1.1 Comprehensive Survey		each	\$1,176.26	\$0.00
5. Ground Penetrating Radar Survey (100 x 100)		each	\$1,029.23	\$0.00
D. Mob/Demob				
1.1 Equipment H	1	each	\$1,153.64	\$1,153.64
2.1 Personnel H	1	each	\$478.42	\$478.42
3.1 Adverse Terrain Vehicle		each	\$565.51	\$0.00
E. Soil Borings*				
1. Soil Borings (hand auger)		foot	\$5.66	\$0.00
F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)*				
1.1 Standard		per foot	\$16.97	\$0.00
2.1 Fractured Rock		per foot	\$21.84	\$0.00
G.				
H. Well Abandonment (does not include Field Screening)*				
1.1 2" diameter or less	30	per foot	\$3.51	\$105.30
2.1 Greater than 2" to 6" diameter		per foot	\$5.09	\$0.00
3.1 Dug/Bored well (up to 6 feet diameter)		per foot	\$16.96	\$0.00
I. Well Installation (In accordance with R.61-71)*				
1.1 Water Table (hand augered)		per foot	\$11.99	\$0.00
2.A Water Table (drill rig) 2" Diameter		per foot	\$42.98	\$0.00
2.1 Single-cased 2" Diameter Monitoring Well >50ft		per foot	\$43.46	\$0.00
3.1 Telescoping		per foot	\$56.55	\$0.00
4.1 Rock Drilling		per foot	\$65.60	\$0.00
5.1 2" Rock Coring		per foot	\$34.95	\$0.00
6.1 Multi-sampling ports/screens		per foot	\$37.78	\$0.00
7.1 Recovery Well (4" diameter)		per foot	\$50.90	\$0.00
9.1 Rotasonic (2" diameter)		per foot	\$49.77	\$0.00
10.1 Re-develop Existing Well		per foot	\$12.44	\$0.00
J. Groundwater Sample Collection / Gauging Depth to Water/Product *				

2.1 Air or Vapors	sample	\$13.57	\$0.00
3.1 Water Supply Sample	sample	\$24.88	\$0.00
4.1 HydraSleeve	sample	\$53.00	\$0.00
4.2A No-purge Groundwater Sample/Surface water	sample	\$31.67	\$0.00
5.1 Gauge Well only	sample	\$7.92	\$0.00
6.1 Sample Below Product	sample	\$13.57	\$0.00
7.1 Passive Diffusion Bag	sample	\$29.40	\$0.00
8.1 Field Duplicates (MWs & WSWs) and Field Blanks	sample	\$27.83	\$0.00
9.1 Groundwater (low flow purge)	sample	\$102.93	\$0.00
10.1 Equipment Blank	sample	\$27.83	\$0.00
11. Sample Product	per well	\$48.76	\$0.00
K. Laboratory Analyses-Groundwater			
1.1 BTEXNM+Oxyg's+1,2 DCA+Eth(8260D)	per sample	\$137.98	\$0.00
2.1 Lead, Filtered	per sample	\$15.60	\$0.00
3.1 Rush EPA Method 8260B	per sample	\$173.72	\$0.00
4.1 Trimethal, Butyl, and Isopropyl Benzenes	per sample	\$31.67	\$0.00
5.1 PAH's	per sample	\$68.54	\$0.00
6.1 Lead	per sample	\$18.09	\$0.00
7.1 EDB by EPA 8011	per sample	\$51.12	\$0.00
8.1 EDB by EPA Method 8011 Rush	per sample	\$77.14	\$0.00
9.1 8 RCRA Metals	per sample	\$71.71	\$0.00
10.1 TPH (9070)	per sample	\$46.38	\$0.00
11.1 PH	per sample	\$5.88	\$0.00
12.1 BOD	per sample	\$22.62	\$0.00
13.1 Ethanol	per sample	\$16.74	\$0.00
K. Analyses-Drinking Water			
14.1 BTEXNM+1,2 DCA (524.2)	per sample	\$140.30	\$0.00
15.1 7-OXYGENATES & ETHANOL (8260D)	per sample	\$103.77	\$0.00
16.1 EDB (504.1)	per sample	\$89.92	\$0.00
17.1 RCRA METALS (200.8)	per sample	\$113.10	\$0.00
K. Analyses-Soil			
18.1 BTEX + Naphth.	per sample	\$72.39	\$0.00
19.1 PAH's	per sample	\$72.43	\$0.00
20.1 8 RCRA Metals	per sample	\$63.79	\$0.00
21.1 TPH-DRO (3550C/8015C)	per sample	\$45.24	\$0.00
22.1 TPH- GRO (5035B/8015C)	per sample	\$40.67	\$0.00
23.1 Grain size/hydrometer	per sample	\$117.63	\$0.00
24.1 Total Organic Carbon	per sample	\$34.61	\$0.00
K. Analyses-Air			
25.1 BTEX + Naphthalene	per sample	\$244.30	\$0.00
K. Hydrocarbon Fuel Identification			
27. C3-C44 Whole Oil (ASTM D3328)	per sample	\$431.42	\$0.00
28. Fuel Oxygenates (1624 Mod)	per sample	\$368.88	\$0.00
29. ALKYL Leads, EDB MMT (8080)	per sample	\$368.88	\$0.00
30. C8-C40 Full Scan (ASTM 5739)	per sample	\$583.00	\$0.00
31. Simulated Distillation (ASTM 2887)	per sample	\$368.88	\$0.00
32. Parent & Alk. PAH Com. (8270 SIM)	per sample	\$670.03	\$0.00

34. C10+Alkane Fingerprints		per sample	\$555.44	\$0.00
35. Expert Data Interpretation & Report		each	\$551.20	\$0.00
L. Aquifer Characterization*				
1.1 Pumping Test		per hour	\$26.01	\$0.00
2.1 Slug Test		per test	\$216.03	\$0.00
3.1 Fractured Rock		per test	\$113.10	\$0.00
M. Free Product *				
1. Free Product Recovery Rate Test		each	\$42.98	\$0.00
N.				
O. Risk Evaluation				
1.1 Tier I Risk Evaluation		each	\$339.31	\$0.00
2.1 Tier II Risk Evaluation		each	\$113.10	\$0.00
P. Survey*				
1. Subsequent Survey		each	\$275.60	\$0.00
Q. Disposal (gallons or tons)*				
1.1 Wastewater		gallon	\$0.64	\$0.00
2.1 Free Product		gallon	\$0.56	\$0.00
3.1 Soil Treatment/Disposal		ton	\$67.86	\$0.00
4.1 Drilling fluids		gallon	\$0.48	\$0.00
R. Miscellaneous (attach receipts)				
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
T. Tier I Assessment (Use DHEC 3665 form)				
1.1 Southeast Region		standard	\$11,687.56	\$0.00
2.1 All Other Counties		standard	\$12,818.58	\$0.00
U. IGWA (Use DHEC 3666 form)				
1.1 Southeast Region		standard	\$4,031.18	\$0.00
2.1 All Other Counties		standard	\$4,370.38	\$0.00
V. Active Correction Action		PFP	Bid Cost	\$0.00
W. Aggressive Fluid & Vapor Recovery (AFVR)				
1.1 8-hour Event*		per event	\$1,655.00	\$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
6.1 Off-gas Treatment 24 hour		per event	\$272.50	\$0.00
7.1 Off-gas Treatment 48 hour		per event	\$357.50	\$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
13.1 AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.59	\$0.00
14.1 AFVR Site Reconnaissance		each	\$280.00	\$0.00
15. Additional Hook-ups		each	\$27.48	\$0.00
16.1 AFVR Effluent Disposal		gallon	\$0.49	\$0.00

18. Mobilization for absorbents/skimmers		each	\$531.25	\$0.00
19. Well sock 2" ID well		each	\$34.20	\$0.00
20. Well sock 4" ID well		each	\$45.40	\$0.00
21. pad (per pad)		each	\$46.25	\$0.00
22. 3" diameter x 10' length boom		each	\$100.00	\$0.00
23. 5" diameter x 10' length boom		each	\$123.00	\$0.00
24. New FPP recovery skimmer (2" wells)		each	\$732.50	\$0.00
25. New FPP recovery skimmer (4" wells)		each	\$1,155.00	\$0.00
26. Refurbished FPP recovery skimmer (2" or 4" wells)		each	\$704.00	\$0.00
27. Disposal of Absorbents		pound	\$3.80	\$0.00
28. Disposal of product from skimmers		gallon	\$0.46	\$0.00
X. Granulated Activated Carbon (GAC) filter system installation & service:				
1.1 New GAC System Installation*		each	\$2,148.94	\$0.00
2.1 Refurbished GAC Sys. Install*		each	\$1,017.92	\$0.00
3.1 Filter replacement/removal*		each	\$395.86	\$0.00
4.1 GAC System removal, cleaning, & refurbishment*		each	\$311.04	\$0.00
5.1 GAC System housing*		each	\$282.76	\$0.00
6.1 In-line particulate filter		each	\$169.65	\$0.00
7.1 Additional piping & fittings		foot	\$1.70	\$0.00
Y. Well Repair				
1.1 Additional Copies of the Report Delivered	1	each	\$56.55	\$56.55
2.1 Repair 2x2 MW pad*		each	\$56.55	\$0.00
3.1 Repair 4x4 MW pad*		each	\$99.53	\$0.00
4.1 Replace well vault*		each	\$133.46	\$0.00
5.1 Replace well cover bolts		each	\$2.94	\$0.00
6.1 Replace locking well cap & lock		each	\$16.96	\$0.00
7.1 Replace/Repair stick-up*		each	\$151.56	\$0.00
8.1 Convert Flush-mount to Stick-up*		each	\$169.65	\$0.00
9.1 Convert Stick-up to Flush-mount*		each	\$147.03	\$0.00
10.1 Replace missing/illegible well ID plate		each	\$13.57	\$0.00
11. Down-hole Camera		per foot	\$27.08	\$0.00
Z. High Resolution Site Characterization				
1. HRSC Screening Equipment Mobilization		each	\$1,360.00	\$0.00
2. HRSC Drilling Category 1		per foot	\$29.00	\$0.00
3. HRSC Drilling Category 2		per foot	\$33.50	\$0.00
4. HRSC Drilling Category 3		per foot	\$27.00	\$0.00
5. HRSC 3-D Model		each	\$4,040.00	\$0.00
S. Report Prep & Project Management	12%	percent	\$1,963.56	\$235.63
TOTAL				\$2,199.19



MAY 31 2023

BAHUCHAR ATA LLC
ATTN MIKE PATEL
311 OARMOTE CIRCLE
GREENWOOD SC 29649

Re: **Aggressive Fluid Vapor Recovery and Groundwater Sampling Notice to Proceed**
Quick Pantry 19, 1802 S Main St., Greenwood, SC
UST Permit #04785; CA #67125 and #67126; MWA #29424
Releases reported March 9, 2021, and September 28, 2021
Site Specific Work Plan received May 18, 2023
Greenwood County

Dear Mr. Patel:

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.

Pursuant to S.C. Code Ann. Section 44-2-40(D), "The SUPERB Account and the SUPERB Financial Responsibility Fund shall provide combined coverage for site rehabilitation and third-party claims, respectively, not to exceed one million dollars per occurrence".

According to UST Division records, approximately \$376,497.88 has been expended for Release #2 and \$133,319.65 for release #3 from the SUPERB Account to date. This scope of work, as recommended by your contractor, is anticipated to cost approximately \$103,522.24.

In accordance with Sections 280.64 and 280.65 of the South Carolina Underground Storage Tank Control Regulations R.61-92, The Recovery Well Installation and Aggressive Fluid Vapor Recovery (AFVR) events 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. All work must be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan and submitted SSWP, and all applicable regulations. The QAPP is available at scdhec.gov/Environment/Land-Waste/Underground-Storage-Tanks/Release-Assessment-Clean/Quality-Assurance.

Please note the following changes to the cost agreement and SSWP:

- The first gauging event should take place before the next AFVR event, and
- It is recommended that the proposed recovery wells be off-set from the monitoring wells at least 10 feet.

Any variance from the procedures will be approved on a site-specific basis and should be submitted to the UST Division in writing.

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 Recovery Well Installation and AFVR Report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the UST Division within one hundred-twenty (120) 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.

In accordance with Section IV.A.4.c of the SUPERB Site Rehabilitation & Fund Access Regulation (R.61-98), the contractor shall be required to indemnify the property owner, underground storage tank owner/operator and the State of South Carolina from and against all claims, damages, losses and expenses arising out of or resulting from activity conducted by the contractor, its agents, employees or subcontractors.

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.

If the report cannot be submitted by the required due date, an extension may be requested by submitting a written request, either via postal mail or email, to my attention prior to the due date. The Department will issue a Notice of Alleged Violation if the report is not submitted by the required due date.

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 concerning this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803) 898-0673, or by email at minerrs@dhec.sc.gov.

Sincerely,



Read S. Miner, P.G., Hydrogeologist
Corrective Action & Field Support Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement
Well Approval

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445 (w/ enc)
Technical file (w/ enc)



Monitoring Well Approval Form

Approval is hereby granted to: KLM Environmental LLC
(on behalf of): Bahuchar Mata LLC
Facility: Quick Pantry 19, 1802 S. Main St., Greenwood
UST Permit Number: 04785
County: Greenwood

This approval is for the installation of 4 recovery wells. The wells are to be installed in the approved locations. The wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. A Water Well Record Form or other form provided or approved by DHEC shall be completed and submitted to DHEC within 30 days after well completion or abandonment unless another schedule has been approved by DHEC. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
4. All analytical data and water levels obtained from each monitoring well shall be submitted to DHEC within 30 days of receipt of laboratory results unless another schedule has been approved by DHEC as required by R.61-71.H.1.d.
5. If any of the information provided to DHEC changes, notification to Read S. Miner (tel: (803) 898-0608 or e-mail: minerrs@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. DHEC approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated May 22, 2016. A copy of this approval should be on the site during well installation.

Date of Issuance: May 22, 2023

Approval #: UMW-29424

Read S Miner

Read S. Miner, P.G., Hydrogeologist
Corrective Action and Field Support Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Approved Cost Agreement

6/125

Facility: 04785 QUICK PANTRY 19

MINERFS

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION					
		1.1 SITE SPECIFIC WORK PLAN	0.5000	\$169.650	84.83
D MOB/DEMOB					
		1.1 EQUIPMENT	1.0000	\$1,153.640	1,153.64
		2.1 PERSONNEL	3.5000	\$478.420	1,674.47
		3.1 ADVERSE TERRAIN VEHICLE	0.5000	\$565.510	282.76
I WELL INSTALLATION					
		7.1 RECOVERY WELL (4" DIAMETER)	37.5000	\$50.900	1,908.75
J SAMPLE COLLECTION					
		5.1 GAUGE WELL ONLY	20.0000	\$7.920	158.40
Q DISPOSAL					
		3.1 SOIL TREATMENT DISPOSAL	2.0000	\$67.860	135.72
R MISCELLANEOUS					
		OIL ABSORBENT BOOMS	1.0000	\$250.000	250.00
S REPORT PROJECT MANAGEMENT					
		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$46,215.300	5,545.84
W AFVR					
		16.1 AFVR EFFLUENT DISPOSAL	5,000.0000	\$0.490	2,450.00
		17.1 AFVR MOB - DEMOB	2.5000	\$720.000	1,800.00
		19 WELL SOCK 2" ID WELL	20.0000	\$34.200	684.00
		4 96 HOUR EVENT	2.5000	\$13,409.520	33,523.80
		8 OFF GAS TREATMENT 96 HOUR	2.5000	\$832.260	2,080.65
Y WELL REPAIR					
		1.1 ADDITIONAL COPIES OF REPORT	0.5000	\$56.550	28.28
Total Amount					51,761.14

Approved Cost Agreement

07/120

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1.1 SITE SPECIFIC WORK PLAN	0.5000	\$169,650	84.83
D MOB/DEMOB		1.1 EQUIPMENT	1.0000	\$1,153.640	1,153.64
		2.1 PERSONNEL	3.5000	\$478.420	1,674.47
		3.1 ADVERSE TERRAIN VEHICLE	0.5000	\$565.510	282.76
I WELL INSTALLATION		7.1 RECOVERY WELL (4" DIAMETER)	37.5000	\$50.900	1,908.75
J SAMPLE COLLECTION		5.1 GAUGE WELL ONLY	20.0000	\$7.920	158.40
Q DISPOSAL		3.1 SOIL TREATMENT DISPOSAL	2.0000	\$67.860	135.72
R MISCELLANEOUS		OIL ABSORBENT BOOMS	1.0000	\$250.000	250.00
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$46,215.300	5,545.84
W AFVR		16.1 AFVR EFFLUENT DISPOSAL	5,000.0000	\$0.490	2,450.00
		17.1 AFVR MOB - DEMOB	2.5000	\$720.000	1,800.00
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		4 96 HOUR EVENT	2.5000	\$13,409.520	33,523.80
		8 OFF GAS TREATMENT 96 HOUR	2.5000	\$832.260	2,080.65
Y WELL REPAIR		1.1 ADDITIONAL COPIES OF REPORT	0.5000	\$56.550	28.28
				Total Amount	51,761.14

Document Receipt Information

04785
=

Hard Copy

CD

Date Received 6-26-23

Permit Number 04785

Project Manager Reed Miner

Name of Contractor KLM Env

Docket Title MWA report

Document Number 1824ch

Scanned _____

WELL ABANDONMENT REPORT
Quick Pantry # 19
Greenwood, South Carolina
Site ID# 04785



KLM Environmental, LLC

Phase I/Phase II Underground Storage Tanks/Soil & Water Sampling/Well Installation
PO Box 2704
Goose Creek, SC 29445
843-870-4285 Phone
843-797-1893 Fax

June 2nd, 2023

Prepared for:

Mr. Read Miner, PG
Remediation Section
SCDHEC-USMD
2600 Bull Street
Columbia, SC 29201

Prepared by:

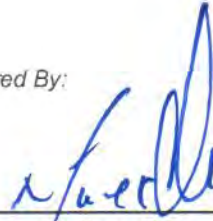
KLM Environmental, LLC.
PO Box 2704
Goose Creek, SC 29445
(843) 870-4285
UST Contractor # 345

Project # 21547.10

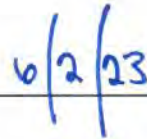
SIGNATURE PAGE

This report entitled "**WELL ABANDONMENT REPORT**" for **Quick Pantry # 19** has been prepared at the request of and for the exclusive use of the South Carolina Department of Health and Environmental Control. It has been prepared and reviewed by the undersigned.

Prepared By:



Mark L. Keller, PG
President



Date



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1.0 INTRODUCTION

The Quick Pantry # 19 site is located at 1802 South Main Street in Greenwood, South Carolina. A general site location map is provided as Figure 1 in Appendix A. Due to the large area needed for mapping, the site map has been split into Site Map One shown as Figure 2, and Site Map Two as Figure 2b. The property owner is SMVS Real Estate, LLC located at 1802 South Main Street in Greenwood, SC 29646. The UST responsible party is Bahuchar Mata, LLC located at 311 Oakmonte Circle in Greenwood, SC 29649; phone 864-378-6993. KLM Environmental is the Certified UST Site Rehabilitation Contractor performing the work (Certification # 345). KLM's address is PO Box 2704, Goose Creek, SC 29445; phone 843-870-4285.

The purpose of this report is to provide the required information pertaining to the abandonment of two monitoring wells associated with the site. These wells were abandoned to facilitate construction by the City of Greenwood on a park which is being funded by a Federal grant for environmentally impacted properties. The grant is not affiliated with contaminants from the Quick Pantry # 19, but from a prior foundry operation on an adjacent property near the Quick Pantry # 19. Monitoring wells were installed on the foundry site as part of the assessment work in relation to the Quick Pantry # 19 site.

2.0 ABANDONMENT INFORMATION

On May 31st, 2023 KLM personnel mobilized to the Quick Pantry # 19 site to abandon monitoring wells MW-15 and MW-21 as requested. Those wells were installed in an unpaved area so in addition to abandonment of the monitoring wells using neat cement grout to fill the wells, the well vaults and concrete securing the well vaults were required to be removed for proper abandonment under SCDHEC guidelines. That work was completed under South Carolina Drillers License # 1554 by Grandview Holdings, LLC. Data for those two wells is provided in the following table.

TABLE 1			
Well Data			
Quick Pantry # 19			
Greenwood, SC			
Monitoring Well	Date	TOC Elevation	Screened Interval
MW-15	5/31/23	610.20	5-15
MW-21	5/31/23	604.50	5-15

3.0 CONCLUSIONS

A general site location map and a site specific map are included in Appendix A as Figures 1 and 2 showing the locations of the abandoned wells. Figure 3 is provided showing photographs of the abandoned wells after the neat cement was emplaced and the well vaults/concrete had been removed. Abandonment logs are provided in Appendix E.

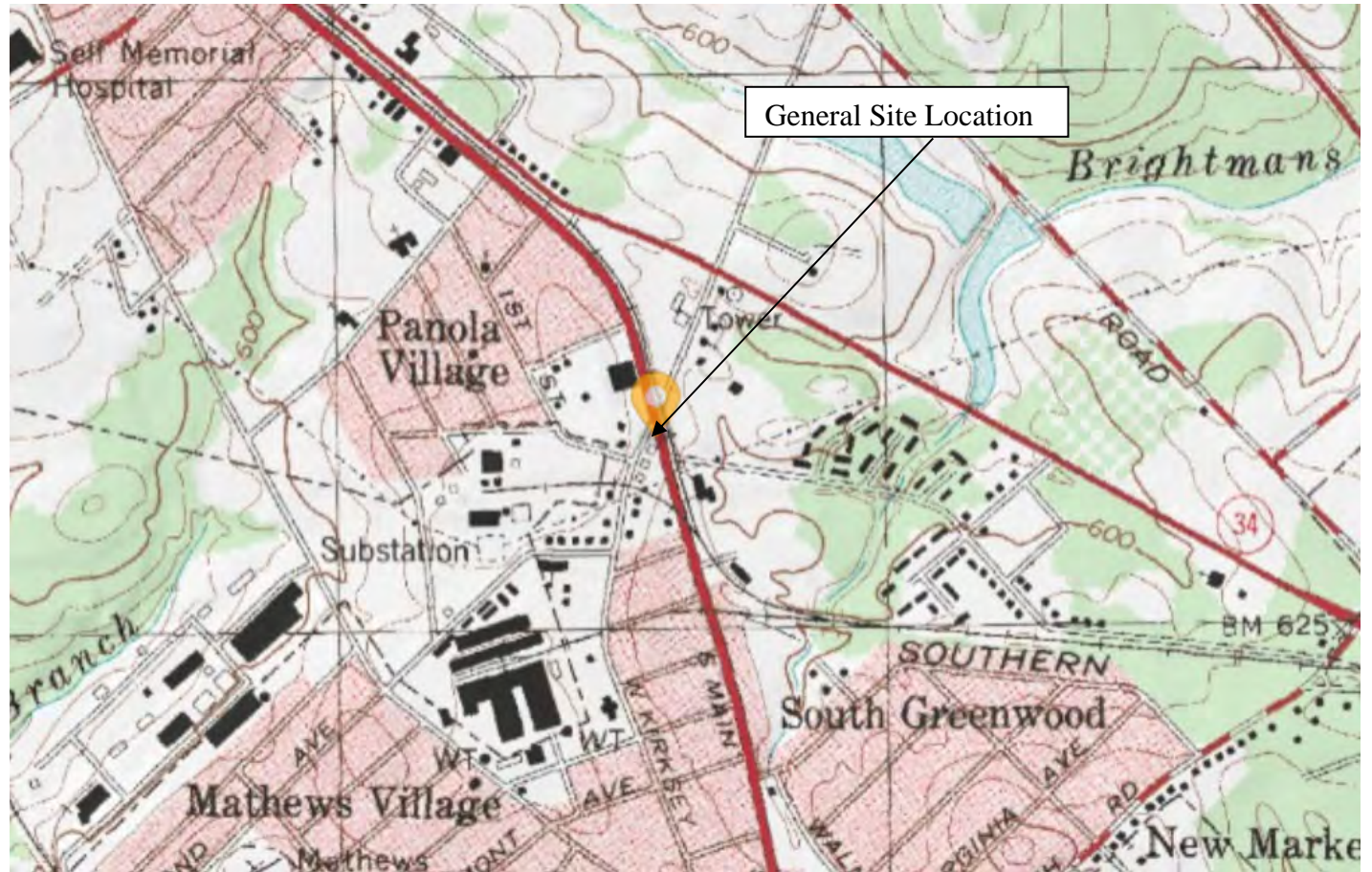
4.0 REFERENCES

KLM Environmental, LLC, *Monitoring Report*, November 2022.
KLM Environmental, LLC, *Monitoring Report*, September 2022.
KLM Environmental, LLC, *AFVR Report*, July 2022.
KLM Environmental, LLC, *Monitoring Report*, May 2022.
KLM Environmental, LLC, *Tier II Addendum Report*, February 2022.
KLM Environmental, LLC, *AFVR Report*, January 2022.
KLM Environmental, LLC, *Tier II Report*, October 2021.
KLM Environmental, LLC, *AFVR Report*, August 2021.
KLM Environmental, LLC, *AFVR Report*, June 2021.
KLM Environmental, LLC, *AFVR Report*, April 2021.
KLM Environmental, LLC, *Initial Containment Boom Report*, April 2021.
KLM Environmental, LLC, *Initial Sampling Report*, March 2021.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management Underground Storage Tank Program, *South Carolina Quality Assurance Program Plan Revision 4.0*, July 2020.

APPENDIX A

Figures



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1

USGS Map

Quick Pantry # 19

Greenwood, SC

UST # 04785

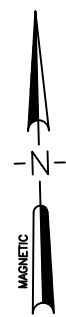


FIGURE 2

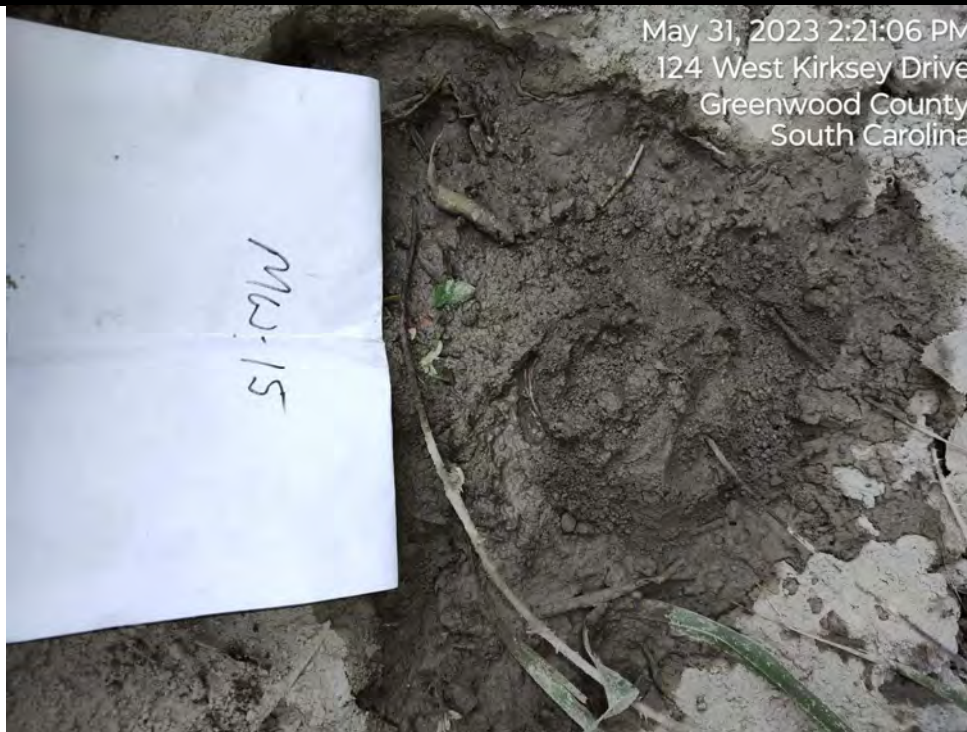
SITE MAP

QUICK PANTRY # 19

GREENWOOD, SC UST # 04785



KLM Environmental, LLC
Phase I Phase II: Underground Storage Tanks Soil & Water Sampling - Well Installation



May 31, 2023 2:21:06 PM
124 West Kirksey Drive
Greenwood County
South Carolina

MW-15 Abandoned



May 31, 2023 2:12:25 PM
2614 Edgefield Street
Greenwood County
South Carolina

MW-21 Abandoned



KLM Environmental, LLC
Phase I/Phase II Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 3
Photographs
Quick Pantry # 19
Greenwood, SC
UST # 04785

APPENDIX B

Laboratory Data / Sampling Sheets

APPENDIX C

AFVR Information

APPENDIX D

Field Screening Logs

APPENDIX E

Well Logs

APPENDIX F

Aquifer Calculations

APPENDIX G

Disposal Manifest

APPENDIX H

Zoning Information

APPENDIX I

Fate and Transport Modeling

APPENDIX J

Access Agreements

APPENDIX K

Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the No box should be checked and a thorough description of the reason must be provided.

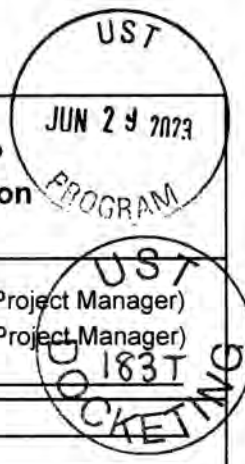
Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	✓		
2	Is UST Owner/Operator name, address, & phone number provided?	✓		
3	Is name, address, & phone number of current property owner provided?	✓		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	✓		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?	✓		
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?			✓
7	Has the facility history been summarized?			✓
8	Has the regional geology and hydrogeology been described?			✓
9	Are the receptor survey results provided as required?			✓
10	Has current use of the site and adjacent land been described?			✓
11	Has the site-specific geology and hydrogeology been described?			✓
12	Has the primary soil type been described?			✓
13	Have field screening results been described?			✓
14	Has a description of the soil sample collection and preservation been detailed?			✓
15	Has the field screening methodology and procedure been detailed?			✓
16	Has the monitoring well installation and development dates been provided?			✓
17	Has the method of well development been detailed?			✓
18	Has justification been provided for the locations of the monitoring wells?			✓
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?			✓
20	Has the groundwater sampling methodology been detailed?			✓
21	Have the groundwater sampling dates and groundwater measurements been provided?			✓
22	Has the purging methodology been detailed?			✓
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?			✓
24	If free-product is present, has the thickness been provided?			✓
25	Does the report include a brief discussion of the assessment done and the results?			✓
26	Does the report include a brief discussion of the aquifer evaluation and results?			✓
27	Does the report include a brief discussion of the fate & transport models used?			✓

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			✓
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			✓
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			✓
31	Have recommendations for further action been provided and explained?			✓
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			✓
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)			✓
34	Has the current and historical laboratory data been provided in tabular format?			✓
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			✓
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			✓
37	Has the topographic map been provided with all required elements? (Figure 1)	✓		
38	Has the site base map been provided with all required elements? (Figure 2)	✓		✓
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)			✓
40	Has the site potentiometric map been provided? (Figure 5)			✓
41	Have the geologic cross-sections been provided? (Figure 6)			✓
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			✓
43	Has the site survey been provided and include all necessary elements? (Appendix A)	✓		
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)			✓
45	Is the laboratory performing the analyses properly certified?			✓
46	Has the tax map been included with all necessary elements? (Appendix C)			✓
47	Have the soil boring/field screening logs been provided? (Appendix D)			✓
48	Have the well completion logs and SCDHEC Form 1903 been provided? (Appendix E)	✓		
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)			✓
50	Have the disposal manifests been provided? (Appendix G)			✓
51	Has a copy of the local zoning regulations been provided? (Appendix H)			✓
52	Has all fate and transport modeling been provided? (Appendix I)			✓
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			✓
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	✓		

Explanation for missing and incomplete information?



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



To: Read Miner, PG (SCDHEC Project Manager)
From: Mark L. Keller, PG (Contractor Project Manager)
Contractor: KLM Environmental, LLC UST Contractor Certification Number: 345

Facility Name: Quick Pantry # 19 UST Permit #: 04785
Facility Address: 1802 S. Main Street, Greenwood, SC
Responsible Party: Bahuchar Mata, LLC Phone: 864-378-6993
RP Address: 311 Oakmonte Circle, Greenwood, SC 29649
Property Owner (if different): SMVS Real Estate
Property Owner Address: 1802 S. Main Street, Greenwood, SC 29646
Current Use of Property: Convenience Store and Gasoline 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, Oxygenates, EDB, PAH, Lead, 8 RCRA Metals, TPH, pH, BOD, Nitrate, Sulfate, Other, Methane, Ethanol, Dissolved Iron
Drinking Water Supply Wells: BTEXNMDCA, Oxygenates & Ethanol, Mercury, RCRA Metals, EDB
Soil: BTEXNM, PAH, Lead, RCRA Metals, Oil & Grease, TPH-DRO, TPH-GRO, Grain Size, TOC
Air: BTEXN

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

Soil, Monitoring Wells, Water Supply Wells, Surface Water, Air, Duplicate, Field Blank, 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: 14 Estimated Footage: 15 feet per point
of deep wells: Estimated Footage: feet per point
of recovery wells: Estimated Footage: feet per point
Comments, if warranted: Well depths will vary based on historical water level data. Direct push will be used for well installation if possible.

UST Permit #: 04785 Facility Name: Quick Pantry # 19

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 60 DAYS Field Work Completion: 90 DAYS
Report Submittal: 120 DAYS # of Copies Provided to Property Owners: 4

Aquifer Characterization

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

Investigation Derived Waste Disposal

Soil: 6 Tons Purge Water: 250 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repared, well pads/bolts/caps to replace, details of AFVR event, etc.

Install shallow monitoring wells in the locations approved by SCDHEC. Sampling of the wells will be covered by an addendum to the open quarterly sampling directive.

The areas are wooded and clearing will be needed to access the locations. KLM proposes to use a front end loader to clear areas for a track rig to access for well installation. KLM proposes an equipment mobilization with adverse terrain for the drill rig, an equipment mobilization with adverse terrain for the front end loader, a personnel mobilization for the drill rig, and a personnel mobilization for the front end loader to cover the operator and time needed for clearing work.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

NA Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____
SCDHEC Certification Number: _____
Name of Laboratory Director: _____

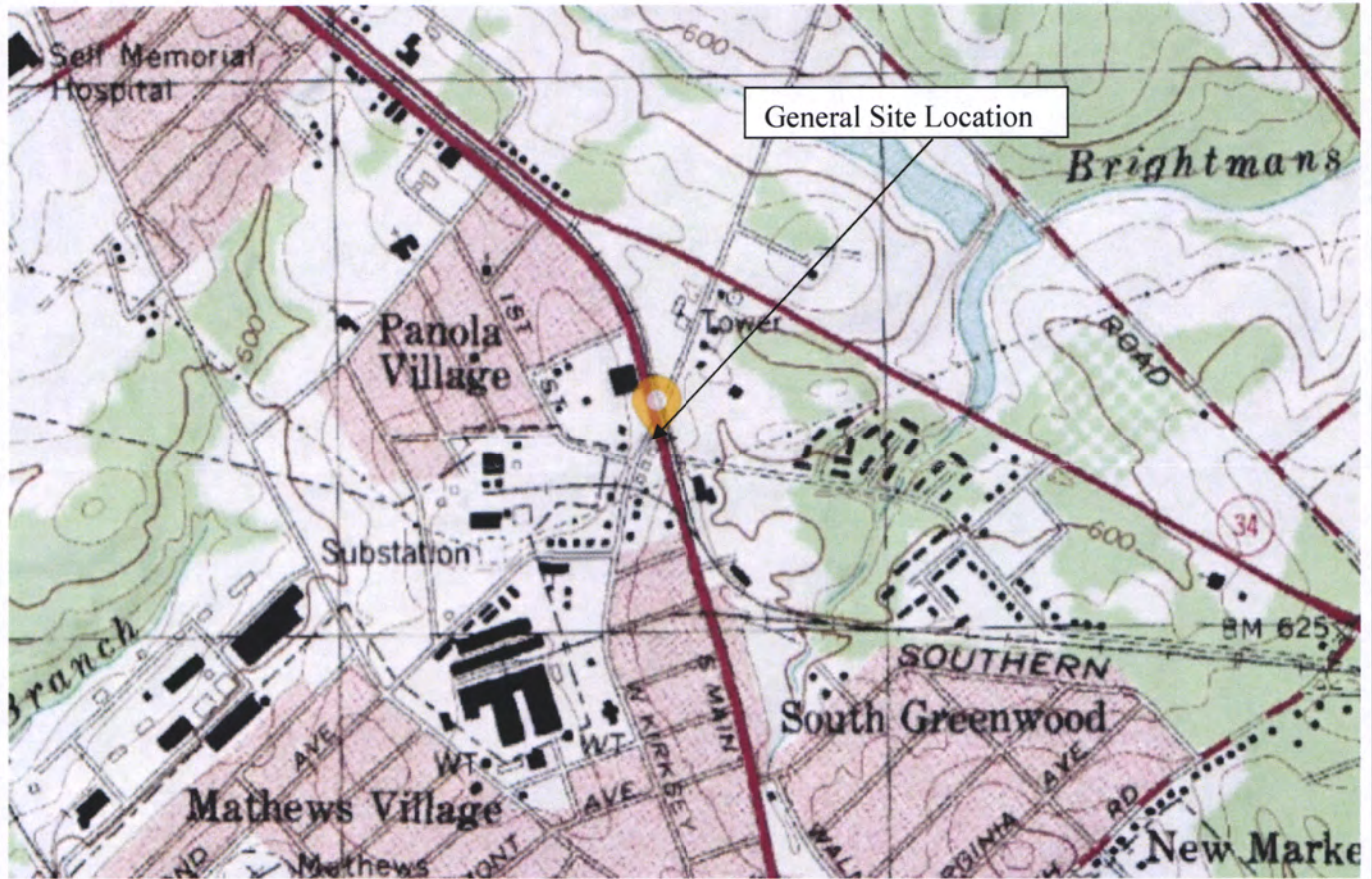
Yes Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

Name of Well Driller: _____
SCLLR Certification Number: _____

____ Other variations from ACQAP. Please describe below.

Attachments

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



KLM Environmental, LLC

Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation

Figure 1
USGS Map
Quick Pantry # 19
Greenwood, SC
UST # 04785



FIGURE 2
SITE MAP
QUICK PANTRY # 19
GREENWOOD, SC_UST # 04785



ASSESSMENT COMPONENT COST AGREEMENT

South Carolina

Department of Health and Environmental Control

Underground Storage Tank Management Division

State Underground Petroleum Environmental Response Bank Account

July 1, 2022

Facility Name: Quick Pantry # 19

UST Permit #: 04785

Cost Agreement #: _____

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
A. Plan Preparation				
1.1 Site-specific Work Plan	1	each	\$169.65	\$169.65
2.1 Tax Map		each	\$79.17	\$0.00
3.1 QAPP Contractor Addendum (App B)		each	\$250.00	\$0.00
B. Survey *				
1. Receptor Survey		each	\$623.20	\$0.00
C. Survey				
1.1 Comprehensive Survey		each	\$1,176.26	\$0.00
5. Ground Penetrating Radar Survey (100 x 100)		each	\$1,029.23	\$0.00
D. Mob/Demob				
1.1 Equipment A,H	2	each	\$1,153.64	\$2,307.28
2.1 Personnel A,H,P,Q	4	each	\$478.42	\$1,913.68
3.1 Adverse Terrain Vehicle A,H	2	each	\$565.51	\$1,131.02
E. Soil Borings*				
1. Soil Borings (hand auger)		foot	\$5.66	\$0.00
F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)*				
1.1 Standard		per foot	\$16.97	\$0.00
2.1 Fractured Rock		per foot	\$21.84	\$0.00
G.				
H. Well Abandonment (does not include Field Screening)*				
1.1 2" diameter or less		per foot	\$3.51	\$0.00
2.1 Greater than 2" to 6" diameter		per foot	\$5.09	\$0.00
3.1 Dug/Bored well (up to 6 feet diameter)		per foot	\$16.96	\$0.00
I. Well Installation (In accordance with R.61-71)*				
1.1 Water Table (hand augered)		per foot	\$11.99	\$0.00
2.A Water Table (drill rig) 2" Diameter	210	per foot	\$42.98	\$9,025.80
2.1 Single-cased 2" Diameter Monitoring Well >50ft		per foot	\$43.46	\$0.00
3.1 Telescoping		per foot	\$56.55	\$0.00
4.1 Rock Drilling		per foot	\$65.60	\$0.00
5.1 2" Rock Coring		per foot	\$34.95	\$0.00
6.1 Multi-sampling ports/screens		per foot	\$37.78	\$0.00
7.1 Recovery Well (4" diameter)		per foot	\$50.90	\$0.00
9.1 Rotosonic (2" diameter)		per foot	\$49.77	\$0.00
10.1 Re-develop Existing Well		per foot	\$12.44	\$0.00
J. Groundwater Sample Collection / Gauging Depth to Water/Product *				
1.1 Groundwater Purge		per well	\$67.86	\$0.00
2.1 Air or Vapors		sample	\$13.57	\$0.00

3.1 Water Supply Sample	sample	\$24.88	\$0.00
4.1 HydraSleeve	sample	\$53.00	\$0.00
4.2A No-purge Groundwater Sample/Surface water	sample	\$31.67	\$0.00
5.1 Gauge Well only	sample	\$7.92	\$0.00
6.1 Sample Below Product	sample	\$13.57	\$0.00
7.1 Passive Diffusion Bag	sample	\$29.40	\$0.00
8.1 Field Duplicates (MWs & WSWs) and Field Blanks	sample	\$27.83	\$0.00
9.1 Groundwater (low flow purge)	sample	\$102.93	\$0.00
10.1 Equipment Blank	sample	\$27.83	\$0.00
11. Sample Product	per well	\$48.76	\$0.00
K. Laboratory Analyses-Groundwater			
1.1 BTEXNM+Oxyg's+1,2 DCA+Eth(8260D)	per sample	\$137.98	\$0.00
2.1 Lead, Filtered	per sample	\$15.60	\$0.00
3.1 Rush EPA Method 8260B	per sample	\$173.72	\$0.00
4.1 Trimethal, Butyl, and Isopropyl Benzenes	per sample	\$31.67	\$0.00
5.1 PAH's	per sample	\$68.54	\$0.00
6.1 Lead	per sample	\$18.09	\$0.00
7.1 EDB by EPA 8011	per sample	\$51.12	\$0.00
8.1 EDB by EPA Method 8011 Rush	per sample	\$77.14	\$0.00
9.1 8 RCRA Metals	per sample	\$71.71	\$0.00
10.1 TPH (9070)	per sample	\$46.38	\$0.00
11.1 PH	per sample	\$5.88	\$0.00
12.1 BOD	per sample	\$22.62	\$0.00
13.1 Ethanol	per sample	\$16.74	\$0.00
K. Analyses-Drinking Water			
14.1 BTEXNM+1,2 DCA (524.2)	per sample	\$140.30	\$0.00
15.1 7-OXYGENATES & ETHANOL (8260D)	per sample	\$103.77	\$0.00
16.1 EDB (504.1)	per sample	\$89.92	\$0.00
17.1 RCRA METALS (200.8)	per sample	\$113.10	\$0.00
K. Analyses-Soil			
18.1 BTEX + Naphth.	per sample	\$72.39	\$0.00
19.1 PAH's	per sample	\$72.43	\$0.00
20.1 8 RCRA Metals	per sample	\$63.79	\$0.00
21.1 TPH-DRO (3550C/8015C)	per sample	\$45.24	\$0.00
22.1 TPH- GRO (5035B/8015C)	per sample	\$40.67	\$0.00
23.1 Grain size/hydrometer	per sample	\$117.63	\$0.00
24.1 Total Organic Carbon	per sample	\$34.61	\$0.00
K. Analyses-Air			
25.1 BTEX + Naphthalene	per sample	\$244.30	\$0.00
K. Hydrocarbon Fuel Identification			
27. C3-C44 Whole Oil (ASTM D3328)	per sample	\$431.42	\$0.00
28. Fuel Oxygenates (1624 Mod)	per sample	\$368.88	\$0.00
29. ALKYL Leads, EDB MMT (8080)	per sample	\$368.88	\$0.00
30. C8-C40 Full Scan (ASTM 5739)	per sample	\$583.00	\$0.00
31. Simulated Distillation (ASTM 2887)	per sample	\$368.88	\$0.00
32. Parent & Alk. PAH Com. (8270 SIM)	per sample	\$670.03	\$0.00
33. C3-C10 Piano (8260 MOD)	per sample	\$555.44	\$0.00
34. C10+Alkane Fingerprints	per sample	\$555.44	\$0.00
35. Expert Data Interpretation & Report	each	\$551.20	\$0.00

L. Aquifer Characterization*					
1.1 Pumping Test		per hour	\$26.01		\$0.00
2.1 Slug Test		per test	\$216.03		\$0.00
3.1 Fractured Rock		per test	\$113.10		\$0.00
M. Free Product *					
1. Free Product Recovery Rate Test		each	\$42.98		\$0.00
N.					
O. Risk Evaluation					
1.1 Tier I Risk Evaluation		each	\$339.31		\$0.00
2.1 Tier II Risk Evaluation		each	\$113.10		\$0.00
P. Survey*					
1. Subsequent Survey	1	each	\$275.60		\$275.60
Q. Disposal (gallons or tons)*					
1.1 Wastewater	250	gallon	\$0.64		\$160.00
2.1 Free Product		gallon	\$0.56		\$0.00
3.1 Soil Treatment/Disposal	6	ton	\$67.86		\$407.16
4.1 Drilling fluids		gallon	\$0.48		\$0.00
R. Miscellaneous (attach receipts)					
		each	\$0.00		\$0.00
		each	\$0.00		\$0.00
		each	\$0.00		\$0.00
T. Tier I Assessment (Use DHEC 3665 form)					
1.1 Southeast Region		standard	\$11,687.56		\$0.00
2.1 All Other Counties		standard	\$12,818.58		\$0.00
U. IGWA (Use DHEC 3666 form)					
1.1 Southeast Region		standard	\$4,031.18		\$0.00
2.1 All Other Counties		standard	\$4,370.38		\$0.00
V. Active Correction Action					
		PFP	Bid Cost		\$0.00
W. Aggressive Fluid & Vapor Recovery (AFVR)					
1.1 8-hour Event*		per event	\$1,655.00		\$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
6.1 Off-gas Treatment 24 hour		per event	\$272.50		\$0.00
7.1 Off-gas Treatment 48 hour		per event	\$357.50		\$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
13.1 AFVR Effluent Disposal(w/chlorinated compounds)		gallon	\$0.59		\$0.00
14.1 AFVR Site Reconnaissance		each	\$280.00		\$0.00
15. Additional Hook-ups		each	\$27.48		\$0.00
16.1 AFVR Effluent Disposal		gallon	\$0.49		\$0.00
17.1 AFVR Mobilization/Demobilization		each	\$720.00		\$0.00
18. Mobilization for absorbents/skimers		each	\$531.25		\$0.00
19. Well sock 2" ID well		each	\$34.20		\$0.00
20. Well sock 4" ID well		each	\$45.40		\$0.00

21. pad (per pad)		each	\$46.25	\$0.00
22. 3" diameter x 10' length boom		each	\$100.00	\$0.00
23. 5" diameter x 10' length boom		each	\$123.00	\$0.00
24. New FPP recovery skimmer (2" wells)		each	\$732.50	\$0.00
25. New FPP recovery skimmer (4" wells)		each	\$1,155.00	\$0.00
26. Refurbished FPP recovery skimmer (2" or 4" wells)		each	\$704.00	\$0.00
27. Disposal of Absorbents		pound	\$3.80	\$0.00
28. Disposal of product from skimmers		gallon	\$0.46	\$0.00
X. Granulated Activated Carbon (GAC) filter system installation & service:				
1.1 New GAC System Installation*		each	\$2,148.94	\$0.00
2.1 Refurbished GAC Sys. Install*		each	\$1,017.92	\$0.00
3.1 Filter replacement/removal*		each	\$395.86	\$0.00
4.1 GAC System removal, cleaning, & refurbishment*		each	\$311.04	\$0.00
5.1 GAC System housing*		each	\$282.76	\$0.00
6.1 In-line particulate filter		each	\$169.65	\$0.00
7.1 Additional piping & fittings		foot	\$1.70	\$0.00
Y. Well Repair				
1.1 Additional Copies of the Report Delivered	4	each	\$56.55	\$226.20
2.1 Repair 2x2 MW pad*		each	\$56.55	\$0.00
3.1 Repair 4x4 MW pad*		each	\$99.53	\$0.00
4.1 Replace well vault*		each	\$133.46	\$0.00
5.1 Replace well cover bolts		each	\$2.94	\$0.00
6.1 Replace locking well cap & lock		each	\$16.96	\$0.00
7.1 Replace/Repair stick-up*		each	\$151.56	\$0.00
8.1 Convert Flush-mount to Stick-up*		each	\$169.65	\$0.00
9.1 Convert Stick-up to Flush-mount*		each	\$147.03	\$0.00
10.1 Replace missing/illegible well ID plate		each	\$13.57	\$0.00
11. Down-hole Camera		per foot	\$27.08	\$0.00
Z. High Resolution Site Characterization				
1. HRSC Screening Equipment Mobilization		each	\$1,360.00	\$0.00
2. HRSC Drilling Category 1		per foot	\$29.00	\$0.00
3. HRSC Drilling Category 2		per foot	\$33.50	\$0.00
4. HRSC Drilling Category 3		per foot	\$27.00	\$0.00
5. HRSC 3-D Model		each	\$4,040.00	\$0.00
S. Report Prep & Project Management	12%	percent	\$15,616.39	\$1,873.97
TOTAL				\$17,490.36



JUL 18 2023



BAHUCHAR MATA LLC
ATTN MIKE PATEL
311 OARMOTE CIRCLE
GREENWOOD SC 29649

Re: **Additional Assessment Notice to Proceed**
Quick Pantry 19, 1802 S Main St, Greenwood, SC
UST Permit #04785; CA #67363 and #67364; UMW-29484
Release #2 reported March 9, 2021, and Release #3 September 28, 2021
Site Specific Work Plan received July 3, 2023
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site-Specific Work Plan (SSWP) submitted by your contractor. The assessment should begin immediately upon receipt of this letter. A monitoring well approval has been enclosed for the monitoring well installation. All work should be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and all applicable regulations. The QAPP is available at scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

Pursuant to S.C. Code Ann. Section 44-2-40(D), "The SUPERB Account and the SUPERB Financial Responsibility Fund shall provide combined coverage for site rehabilitation and third party claims, respectively, not to exceed one million dollars per occurrence". **According to UST Division records, approximately \$376,497.88 has been expended from the SUPERB Account to date for release #2 and \$133,319.65 for release #3.** This scope of work, as recommended by your contractor, is anticipated to cost approximately \$17,490.36 divided equally between the two releases.

Please note the following changes to the cost agreement and SSWP:

- No additional monitoring wells should be installed on city property located east of Foundry Road.

The contractor is responsible for ensuring that the subsurface is free of any obstructions (e.g. utilities, supply lines, etc.) prior to the installation of any boring or well.

The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

The Assessment report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the UST Division within ninety (90) days of the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the QAPP.

In accordance with Section IV.A.4.c of the SUPERB Site Rehabilitation & Fund Access Regulation (R.61-98), the contractor shall be required to indemnify the property owner, underground storage tank owner/operator and the State of South Carolina from and against all claims, damages, losses and expenses arising out of or resulting from activity conducted by the contractor, its agents, employees or subcontractors.

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

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

If the report cannot be submitted by the required due date, an extension may be requested by submitting a written request, either via postal mail or email, to my attention prior to the due date. The Department will issue a Notice of Alleged Violation if the report is not submitted by the required due date.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803) 898-0673, or by email at minerrs@dhec.sc.gov.

Sincerely,

Read S Miner

Read S. Miner, P.G., Hydrogeologist
Corrective Action & Field Support Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement
Monitoring Well Approval Form

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445 (w/ enc)
Technical file (w/ enc)



Monitoring Well Approval Form

Approval is hereby granted to: KLM Environmental LLC
(on behalf of): Bahuchar Mata LLC
Facility: Quick Pantry 19, 1802 S. Main St., Greenwood
UST Permit Number: 04785
County: Greenwood

This approval is for the installation of 14 monitoring wells. The wells are to be installed in the approved locations. The wells are to be installed following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. A Water Well Record Form or other form provided or approved by DHEC shall be completed and submitted to DHEC within 30 days after well completion or abandonment unless another schedule has been approved by DHEC. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
4. All analytical data and water levels obtained from each monitoring well shall be submitted to DHEC within 30 days of receipt of laboratory results unless another schedule has been approved by DHEC as required by R.61-71.H.1.d.
5. If any of the information provided to DHEC changes, notification to Read S. Miner (tel: (803) 898-0608 or e-mail: minerrs@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. DHEC approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina Well Standards and Regulations, dated May 22, 2016. A copy of this approval should be on the site during well installation.

Date of Issuance: July 10, 2023

Approval #: UMW-29484

Read S. Miner

Read S. Miner, P.G., Hydrogeologist
Corrective Action and Field Support Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Approved Cost Agreement**67363**

Facility: 04785 QUICK PANTRY 19

MINERRS

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
A PLAN PREPARATION		1.1 SITE SPECIFIC WORK PLAN	0.5000	\$169.650	84.83
D MOB/DEMOB		1.1 EQUIPMENT	1.0000	\$1,153.640	1,153.64
		2.1 PERSONNEL	2.0000	\$478.420	956.84
		3.1 ADVERSE TERRAIN VEHICLE	1.0000	\$565.510	565.51
I WELL INSTALLATION		2.A WATER TABLE DRILL RIG 2" DIA	105.0000	\$42.980	4,512.90
P SUBSEQUENT SURVEY		1 SUBSEQUENT SURVEY	0.5000	\$275.600	137.80
Q DISPOSAL		1.1 WASTEWATER	125.0000	\$0.640	80.00
		3.1 SOIL TREATMENT DISPOSAL	3.0000	\$67.860	203.58
S REPORT PROJECT MANAGEMENT		S REPORT PREP & PROJ. MANAGEMENT	0.1200	\$7,808.200	936.98
Y WELL REPAIR		1.1 ADDITIONAL COPIES OF REPORT	2.0000	\$56.550	113.10
			Total Amount		8,745.18

Approved Cost Agreement**67364**

Facility: 04785 QUICK PANTRY 19

MINERRS

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Document Receipt Information

Hard Copy

CD

Date Received 7-31-23

Permit Number 04785

Project Manager Reed Miner

Name of Contractor KLM Env

Docket Title Monitoring Report

Document Number 185 Feely

Scanned _____

MONITORING REPORT
Quick Pantry # 19
Greenwood, South Carolina
Site ID# 04785



KLM Environmental, LLC

Phase I Phase II Underground Storage Tanks Soil & Water Sampling Well Installation
PO Box 2704
Goose Creek, SC 29445
843-870-4285 Phone
843-797-1893 Fax

July 17th, 2023

Prepared for:

Mr. Read Miner, PG
Remediation Section
SCDHEC-USMD
2600 Bull Street
Columbia, SC 29201

Prepared by:

KLM Environmental, LLC.
PO Box 2704
Goose Creek, SC 29445
(843) 870-4285
UST Contractor # 345

Project # 21547.9 July 2023

SIGNATURE PAGE

This report entitled "**MONITORING REPORT**" for **Quick Pantry # 19** has been prepared at the request of and for the exclusive use of the South Carolina Department of Health and Environmental Control. It has been prepared and reviewed by the undersigned.

Prepared By:



Graham P. Robinson
Hydrogeologist

Reviewed By:



Mark L. Keller, PG
President

Date

7/24/23



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1.0 INTRODUCTION

The Quick Pantry # 19 site is located at 1802 South Main Street in Greenwood, South Carolina. A general site location map is provided as Figure 1 in Appendix A. Due to the large area needed for mapping, the site map has been split into Site Map One shown as Figure 2, and Site Map Two as Figure 2b. The property owner is SMVS Real Estate, LLC located at 1802 South Main Street in Greenwood, SC 29646. The UST responsible party is Bahuchar Mata, LLC located at 311 Oakmonte Circle in Greenwood, SC 29649; phone 864-378-6993. KLM Environmental is the Certified UST Site Rehabilitation Contractor performing the work (Certification # 345). KLM's address is PO Box 2704, Goose Creek, SC 29445; phone 843-870-4285. Analytical Environmental Services, Inc. is the certified laboratory used to analyze the samples for this work (Certification # 98016003). AES's main address is 3080 Presidential Drive, Atlanta, GA 30340, phone # 770-457-8177.

The Quick Pantry # 19 site is an active gasoline station surrounded by residential and commercial property. This site is zoned General Commercial by Greenwood County. A copy of the zoning information can be found on the Greenwood County website. The site currently contains three underground storage tanks consisting of two 4,000-gallon gasoline tanks and one 5,000-gallon gasoline tank. The 4,000-gallon tanks are in use, but the 5,000-gallon gasoline tank has been abandoned in place due to a failed tank tightness test in February of 2021. There are two dispensers associated with these tanks. The investigation of this site was prompted by reports of a petroleum smell near the housing complex on Foundry Road. The release was reported on March 9th, 2021 in response to a failed tank tightness test and the presence of free product around the tank pit. KLM Environmental was tasked with the emergency abatement of the release, and abatement actions were initiated by shutting down the leaking tank and installing a skimming system of oil-absorbent booms to catch the petroleum on the creek's surface. After the installation of the boom system, KLM Environmental began a series of long duration Aggressive Fluid and Vapor Recovery (AFVR) events along with coordination with the SCDHEC for the Tier II Assessment. A new release was reported on September 28th, 2021 by KLM Environmental after a fuel drop was completed in the previously failed UST. Corrective actions for that release are being conducted in conjunction with Release #1.

The subject site is primarily underlain by a sand clay mixture that transitions from sandy loam to clay loam and is further underlain by Charlotte Terrane meta-igneous rocks.

For a list of all previous work on this site, please refer to Section 4.0 of this report. This report serves to provide the results from the comprehensive sampling event conducted at the site as requested by the SCDHEC Project Manager.

2.0 ASSESSMENT INFORMATION

2.1 Groundwater Sampling

Figure 2 in Appendix A serves as the comprehensive site map showing the locations of the twenty-three monitoring wells, four telescoping deep wells, three recovery wells, six surface waters, and the interception trench. Monitoring wells MW-15 and MW-21 were abandoned in May of 2023 at the behest of the City of Greenwood in preparation for the construction of a park on the Foundry property. Monitoring well MW-10 was covered by standing water during both days of sampling activities, so no sample could be collected.

The SCDHEC Project Manager requested that KLM Environmental analyze the samples for MW-4 and seven additional monitoring wells for EDB as well as Benzene, Toluene, Ethylbenzene, total Xylenes (BTEX), Methyl-tert Butyl Ether (MTBE), Naphthalene, 1,2 DCA, and 8 Oxygenates. The remaining wells were not analyzed for EDB. Monitoring wells MW-4, RW-3, MW-3, MW-5, MW-7, MW-8, and MW-14 were selected for EDB analysis during this sampling event.

KLM personnel mobilized to the site on June 21st through 22nd 2023 to sample all wells associated with the Quick Pantry # 19 site. Samples were collected under the free product line in wells containing free product, and purging was performed on any wells that did not bracket the water table as directed by the SCHDEC Project Manager. A minimum of three well volumes were attempted to be purged from those wells prior to sample collection using an electric purge pump. The purge pump and hose were decontaminated between wells with a triple station rinse as outlined in the QAPP. Immediately after well purging was completed, groundwater samples were collected using disposable bottom entry sampling bailers, decanted into sterile glass sample containers provided by the analytical laboratory, and preserved in accordance with United States Environmental Protection Agency (USEPA) sampling protocol. Standard field parameters (pH, specific conductivity, temperature, dissolved oxygen, salinity, and turbidity) were measured with the Horiba U-52 (serial # W22MV13L) and recorded for each sample during well purging or at the time of collection. The Horiba U-52 was calibrated with Horiba 100-4 standard solution prior to use and the calibration records are recorded on the calibration sheet which are included in Appendix B. Following collection in the field, the groundwater samples were packed on wet ice in coolers supplied by the laboratory. Sample coolers were stored in a refrigerator to reduce ice melt until the sample coolers could be shipped to Analytical Environmental Services (SCDHEC Certification # 98016003) and analyzed for Benzene, Toluene, Ethylbenzene,

total Xylenes (BTEX), Methyl-tert Butyl Ether (MTBE), Naphthalene, 1,2 DCA, and 8 Oxygenates. Eight select samples were also analyzed for EDB at the request of the SCDHEC Project Manager.

Analytical results are provided in Tables 1 and 1B, and in Appendix B. Field sampling sheets are provided in Appendix B. A map is provided as Figure 3 in Appendix A showing the sample results along with the well locations, as well as the general locations of the surface water samples. A disposal manifest for 99 gallons of contaminated purge water is provided in Appendix G. Results for all wells sampled are as follows:

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	16000	38000	3100	16000	1300	<2500	<500	<0.021	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	25000	46000	3600	20000	3900	<2500	<500	<0.020	NS
	2/7/23	11000	30000	3300	16000	1400	870	<50	<0.020	NS
	6/21/23	5100	32000	9500	53000	<500	3600	<500	NS	NS
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	19000	48000	3500	18000	1000	<2500	<500	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	22000	56000	3500	17000	730	470	<50	<0.020	NS
	6/21/23	12000	61000	6500	27000	290	810	<50	NS	NS
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8800	32000	2300	16000	<50	530	<50	<0.020	NS
	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	8900	38000	2500	18000	<50	630	<50	<0.020	NS
	6/21/23	5200	17000	2200	15000	<10	610	<10	<0.020	NS
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	22000	59000	3800	33000	2700	560	<100	0.767	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	6100	21000	1800	13000	2100	670	<50	0.535	NS
	6/21/23	5600	10000	990	10000	880	420	<50	3.21	NS
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	12000	33000	2800	14000	<1.0	410	<1.0	<0.020	NS
	8/24/22	2600	3500	350	9700	<100	<500	<100	<0.020	NS
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	2900	1800	180	4400	<1.0	200	<1.0	<0.020	NS
	6/21/23	430	200	28	1100	<1.0	49	<1.0	<0.020	NS
MW-6	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	5.23
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/24/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020	NS
	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	5700	17000	1700	10000	180	310	<50	<0.020	NS
	8/24/22	1200	2200	210	2800	32	110	<1.0	<0.020	NS
	11/2/22	3000	4300	580	4100	69	170	<1.0	<0.020	NS
	2/7/23	5600	18000	1700	9800	190	430	<10	<0.020	NS
	6/21/23	4300	16000	2100	12000	160	480	<50	<0.020	NS

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	17000	38000	3000	17000	860	<2500	<500	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	5000	27000	3400	18000	110	720	<50	<0.020	NS
	6/21/23	7600	58000	65000	74000	<500	24000	<500	<0.020	NS
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8500	26000	3100	14000	<50	470	<50	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	8900	22000	2100	12000	<10	560	<10	<0.020	NS
	2/7/23	9300	27000	390	14000	<10	260	<10	<0.020	NS
	6/21/23	1800	2300	280	2900	<1.0	150	<1.0	NS	NS
MW-10	8/26/21	1.5	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/22/23	COV	COV	COV	COV	COV	COV	COV	COV	COV
MW-11	8/26/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	14000	35000	3500	17000	140	530	<50	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	12000	21000	2500	13000	220	500	<10	<0.020	NS
	2/7/23	6000	16000	1600	10000	95	400	<10	<0.020	NS
	6/21/23	150	570	69	480	2.0	23	<1.0	<0.020	NS
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	1800	11000	1400	8100	<1.0	260	<1.0	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	9400	21000	2100	11000	130	570	<1.0	<0.020	NS
	2/7/23	27	110	14	230	<1.0	18	<1.0	<0.020	NS
	6/21/23	180	290	81	600	8.2	33	<1.0	NS	NS
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	2900	10000	1600	9700	<50	660	<50	<0.020	NS
	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	1800	6800	940	4900	<10	290	<10	<0.020	NS
	2/7/23	3500	16000	1700	10000	<10	700	<10	<0.020	NS
	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-15	9/2/21	<1.0	<1.0	<1.0	1.7	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.4	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/21/23	ABND	ABND	ABND	ABND	ABND	ABND	ABND	ABND	ABND
MW-16	9/2/21	51	130	32	160	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	2.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/22/23	<1.0	<1.0	<1.0	1.5	<1.0	<5.0	<1.0	NS	NS
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	20	1.4	<1.0	2.9	120	<5.0	<1.0	<0.020	NS
	8/23/22	9.4	<1.0	<1.0	<1.0	120	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	<1.0	<1.0	130	<5.0	<1.0	<0.020	NS
	2/7/23	15	<1.0	<1.0	<1.0	110	<5.0	<1.0	<0.020	NS
	6/22/23	6.8	1.8	4.7	18	33	<5.0	<1.0	NS	NS
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/05/22	13000	31000	2900	15000	500	820	<50	<0.020	NS
	8/23/22	9300	19000	3100	21000	840	1400	<100	<0.020	NS
	11/2/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	2/7/23	11000	33000	2600	15000	280	820	<10	<0.020	NS
	6/22/23	12000	22000	1700	9500	350	430	<50	NS	NS
MW-19	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	4.3	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	710	15000	3700	16000	<50	790	<50	<0.020	NS
	6/22/23	5.2	1800	1100	6600	<1.0	230	<1.0	NS	NS
MW-20	9/2/21	2200	23	2.2	54	140	86	<1.0	<0.020	<1.00
	5/04/22	900	2.8	2.3	3.0	150	18	<1.0	<0.020	NS
	8/23/22	2700	4.2	6.6	34	590	95	<1.0	<0.020	NS
	11/3/22	940	<1.0	<1.0	1.1	540	23	<1.0	<0.021	NS
	2/7/23	400	4.8	2.7	16	380	10	<1.0	<0.020	NS
	6/22/23	860	2.4	<1.0	4.5	620	12	<1.0	NS	NS
MW-21	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/21/23	ABND	ABND	ABND	ABND	ABND	ABND	ABND	ABND	ABND

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
MW-22	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
MW-23	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
MW-24	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
MW-25	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/05/22	37	<1.0	4.5	6.3	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	2.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	2/7/23	270	170	110	290	<1.0	7.2	<1.0	<0.020	NS
	6/22/23	220	99	37	150	<1.0	<5.0	<1.0	NS	NS
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	18000	46000	3600	18000	1200	560	<100	<0.020	NS
	8/24/22	15000	51000	3900	21000	1300	560	<100	<0.020	NS
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	22000	52000	3100	21000	2700	670	<100	<0.020	NS
	6/21/23	13000	32000	1900	18000	2400	690	<100	NS	NS
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	370000	1700000	270000	1400000	9700	100000	<5000	<0.109	NS
	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	35000	72000	<5000	17000	<5000	<25000	<5000	<0.021	NS
	6/21/23	190000	950000	110000	540000	7300	51000	<5000	NS	NS
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP	FP
	5/04/22	8000	18000	2300	14000	1500	700	<100	<0.020	NS
	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP	FP
	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	24000	50000	2700	15000	3100	590	<50	<0.020	NS
	6/21/23	11000	23000	1600	13000	1800	600	<50	<0.020	NS

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
DW-1	8/26/21	2.1	4.8	5.0	25	3.2	<5.0	<1.0	<0.020	<1.00
	5/04/22	35	66	3.2	29	13	<5.0	<1.0	<0.020	NS
	8/23/22	48	110	3.1	22	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	15	19	<1.0	4.4	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	4.7	15	<1.0	5.0	<1.0	<5.0	<1.0	<0.020	NS
	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
DW-2	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
DW-3	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.019	<1.00
	5/04/22	<1.0	<1.0	<1.0	1.2	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	1.2	8.7	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
DW-4	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	<1.00
	5/04/22	<1.0	<1.0	<1.0	<1.0	2.6	<5.0	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	5.0	<5.0	<1.0	<0.020	NS
	11/2/22	<1.0	<1.0	1.5	12	12	<5.0	<1.0	<0.021	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	25	<5.0	<1.0	<0.020	NS
	6/22/23	<1.0	<1.0	<1.0	<1.0	27	<5.0	<1.0	NS	NS
SW-1	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	2.06
	5/05/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS
SW-2	9/2/21	4.7	<1.0	<1.0	2.1	<1.0	<5.0	<1.0	<0.020	30.2
	5/05/22	3200	6100	510	2500	6.5	30	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	1500	2700	160	920	4.2	16	<1.0	<0.020	NS
	6/22/23	39	49	5.1	25	<1.0	<5.0	<1.0	NS	NS
SW-3	9/2/21	3.2	2.1	<1.0	3.6	<1.0	<5.0	<1.0	<0.020	93.1
	5/05/22	4500	6700	490	3000	68	95	<1.0	<0.020	NS
	8/23/22	32	110	27	210	<1.0	7.7	<1.0	<0.020	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	590	980	54	380	6.4	7.4	<1.0	<0.020	NS
	6/22/23	22	35	5.4	32	<1.0	<5.0	<1.0	NS	NS

TABLE 1
Summary of Analytical Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB	Lead
RBSL	--	5	1000	700	10000	40	25	5	0.05	15
SW-4	9/2/21	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	5/05/22	180	170	8.4	190	15	8.9	<1.0	<0.020	NS
	8/23/22	<1.0	1.4	<1.0	7.4	<1.0	<5.0	<1.0	<0.021	NS
	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/7/23	330	550	24	210	5.1	<5.0	<1.0	<0.020	NS
	6/22/23	13	20	3.3	20	<1.0	<5.0	<1.0	NS	NS
SW-5	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	16.8
	5/05/22	3.8	12	1.5	130	1.7	8.8	<1.0	<0.021	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.021	NS
	11/3/22	<1.0	1.2	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	48	120	7.7	160	1.4	5.5	<1.0	<0.020	NS
	6/22/23	5.4	19	2.7	23	<1.0	<5.0	<1.0	NS	NS
SW-6	9/2/21	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	6.53
	5/05/22	<1.0	<1.0	<1.0	2.6	<1.0	<5.0	<1.0	<0.020	NS
	8/23/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	11/3/22	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	2/7/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
	6/22/23	1.1	4.0	<1.0	6.9	<1.0	<5.0	<1.0	NS	NS
Trench 1	6/22/23	17	25	1.7	290	1.8	8.1	<1.0	NS	NS
Trench 2	6/22/23	180	300	3.9	340	2.0	7.2	<1.0	NS	NS
QA / QC Data										
Duplicate 1 (MW-9)	6/21/23	3500	4100	560	5300	<50	<250	<50	NS	NS
Duplicate 2 (MW-13)	6/21/23	200	320	91	590	9.2	37	<1.0	NS	NS
Equipment Blank 1	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Equipment Blank 2	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Field Blank 1	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Field Blank 2	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020	NS
Trip Blank	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS	NS

Note: All results in µg/l. Numbers in bold exceed RBSL. FP = Free Product, ABND = Abandoned.

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	6/21/23	<5000	<5000	<5000	<50000	<50000	<50000	6700000	<50000
MW-2	6/21/23	<500	<500	2400	<5000	22000	<5000	<5000	<5000
MW-3	6/21/23	<100	<100	420	<1000	8600	<1000	<1000	<1000
MW-4	6/21/23	<500	<500	1700	<5000	8000	<5000	<5000	<5000
MW-5	6/21/23	<10	<10	37	<100	760	<100	<100	<100
MW-6	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	6/21/23	<500	<500	730	<5000	14000	<5000	<5000	<5000
MW-8	6/21/23	<5000	<5000	<5000	<50000	<50000	<50000	<50000	<50000
MW-9	6/21/23	<10	20	250	<100	1600	<100	<100	<100
MW-10	6/22/23	COV	COV	COV	COV	COV	COV	COV	COV
MW-11	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	6/21/23	<10	<10	25	<100	110	<100	<100	<100
MW-13	6/21/23	<10	<10	52	<100	450	<100	<100	<100
MW-14	6/22/23	<10	<10	<10	<100	<100	<100	110	<100
MW-15	6/21/23	ABND	ABND	ABND	ABND	ABND	ABND	ABND	ABND
MW-16	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	6/22/23	<10	11	160	<100	270	<100	<100	<100
MW-18	6/22/23	<500	<500	2600	<5000	<5000	<5000	<5000	<5000
MW-19	6/22/23	<10	<10	<10	<100	670	<100	<100	<100
MW-20	6/22/23	<10	100	1000	<100	1400	<100	<100	<100
MW-21	6/21/23	ABND	ABND	ABND	ABND	ABND	ABND	ABND	ABND
MW-22	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	6/22/23	<10	<10	51	<100	130	<100	<100	<100
RW-1	6/21/23	<1000	<1000	4000	<10000	65000	<10000	<10000	<10000
RW-2	6/21/23	<50000	<50000	<50000	<500000	<500000	<500000	4500000000	<500000
RW-3	6/21/23	<500	<500	4500	9000	120000	<5000	<5000	<5000
DW-1	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	6/22/23	<10	12	210	<100	250	<100	<100	<100
SW-1	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	6/22/23	<10	<10	10	<100	<100	<100	170	<100
SW-3	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
SW-4	6/22/23	<10	<10	<10	<100	<100	<100	130	<100
SW-5	6/22/23	<10	<10	<10	<100	<100	<100	470	<100
SW-6	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
Trench 1	6/22/23	<10	<10	66	<100	220	<100	<100	<100
Trench 2	6/22/23	<10	<10	120	<100	400	<100	<100	<100

TABLE 1B Cont. Summary of Oxygenate Data Quick Pantry # 19 Greenwood, SC									
Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	Ethanol	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
QA / QC Data									
Duplicate 1 (MW-9)	6/21/23	<500	<500	<500	<5000	<5000	<5000	<5000	<5000
Duplicate 2 (MW-13)	6/21/23	<10	<10	58	<100	470	<100	<100	<100
Equipment Blank 1	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
Equipment Blank 2	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
Field Blank 1	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
Field Blank 2	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
Trip Blank	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100

Note: All results in µg/l. Numbers in bold exceed RBSL. FP = Free Product, ABND = Abandoned.

2.2 Piezometric Data

Field sampling sheets for the well sampling event along with the calibration logs are provided in Appendix B. Groundwater elevation data for all monitoring wells associated with the release at the site can be found in Table 2. Historical groundwater data from the Quick Pantry # 19 site can be found in Appendix F. A shallow groundwater flow map was created utilizing the most recent groundwater elevation data and is included in Appendix A as Figure 4.

Groundwater elevation data from the recent sampling event are as follows:

TABLE 2
Groundwater Data (feet)
Quick Pantry # 19
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	GW Elevation
MW-1*	6/21/23	623.56	X-28.5	15.41	15.43	.02	FP
MW-2	6/21/23	623.38	10-20	--	15.22	--	608.16
MW-3	6/21/23	625.10	10-20	--	16.24	--	608.86
MW-4	6/21/23	623.30	10-20	--	15.06	--	608.24
MW-5	6/21/23	622.12	10-20	--	13.72	--	608.40
MW-6	6/21/23	622.84	10-20	--	9.51	--	613.33
MW-7	6/21/23	614.92	8-18	--	7.41	--	607.51
MW-8	6/21/23	615.10	5-15	--	7.66	--	607.44
MW-9	6/21/23	615.58	7.5-17.5	--	7.80	--	607.78
MW-10*	6/22/23	608.68	2-12	--	COV	--	COV
MW-11	6/22/23	606.78	4-14	--	3.13	--	603.65
MW-12	6/21/23	611.62	7-17	--	7.88	--	603.74
MW-13	6/21/23	610.45	5-15	--	6.24	--	604.21
MW-14	6/21/23	608.36	5-15	--	5.12	--	603.24
MW-15*	6/21/23	610.20	5-15	--	ABND	--	ABND
MW-16	6/21/23	605.95	5-15	--	5.31	--	600.64
MW-17	6/22/23	601.53	3-13	--	1.19	--	600.34
MW-18	6/22/23	604.03	4-14	--	3.63	--	600.40
MW-19*	6/22/23	605.81	5-15	4.19	4.63	.44	FP
MW-20	6/22/23	601.51	3-13	--	2.83	--	598.68
MW-21*	6/21/23	604.50	5-15	--	ABND	--	ABND
MW-22	6/22/23	600.57	5-15	--	6.53	--	594.04
MW-23	6/22/23	602.51	5-15	--	8.24	--	594.27
MW-24	6/22/23	602.73	5-15	--	8.73	--	594.00
MW-25	6/22/23	606.98	6-16	--	4.64	--	602.34
RW-1	6/21/23	624.54	10-20	--	16.33	--	608.21
RW-2	6/21/23	623.44	10-20	--	15.18	--	608.26
RW-3	6/21/23	623.34	10-20	--	15.41	--	607.93
DW-1*	6/21/23	624.84	40-45	--	16.57	--	608.27
DW-2*	6/21/23	611.79	35-40	--	6.81	--	604.98
DW-3*	6/21/23	610.33	35-40	--	5.92	--	604.41
DW-4*	6/22/23	602.27	20-25	--	7.52	--	594.75

*= wells not used to construct Shallow Groundwater Flow Map

Depths to fluid measurements were collected relative to the top of casing for each well. A hydrocarbon interface probe capable of detecting and measuring a hydrocarbon product thickness of 0.01 foot or 1/8 inch was used for depth to fluid measurements.

3.0 CONCLUSIONS

Results from the groundwater sampling event indicate contaminants exist at the Quick Pantry # 19 site in excess of the Risk Based Screening Levels (RBSLs) as established by the SCDHEC. Free product was present in monitoring wells MW-1 and MW-19. No other wells contained measurable free product during the sampling event on June 21st through 22nd, 2023. Contaminants above the RBSLs were found in monitoring wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-7, MW-8, MW-9, MW-12, MW-13, MW-17, MW-18, MW-19, MW-20, MW-25, RW-1, RW-2, RW-3 and DW-4. Contaminants above the RBSLs were also found in surface water samples SW-2, SW-3, SW-4, SW-5, Trench-1, and Trench-2. Contamination was also found in surface water sample SW-6, although below RBSLs. Contaminants have been found in surface water samples in the past, but based on the results from this sampling event and the previous event in February of 2023, surface water contamination is increasing in concentration and becoming more widespread as the contaminant plume migrates downgradient.

As is depicted in Figure 3 in Appendix A, the contaminant plume has begun to migrate across the creek to the east of the Quick Pantry # 19 site, and along the creek/drainage ditch to the Foundry site. The creek/drainage ditch continues on and has been confirmed to empty into the pond located on the Foundry site (see Figure 2B), which is the location of surface water SW-5. Samples collected from the pond on the Foundry site (SW-5) showed the presence of Benzene above regulatory limits, and samples from the creek near the interception trench (SW-2, SW-3, and SW-4) all contained contamination above regulatory limits. The contaminant plume is currently defined horizontally to the south due to the absence of contamination in MW-14, which has had contamination present in every previous event. The plume is currently undefined horizontally to the west as access to install wells on that property was denied but probing was completed during the Tier II and was defined at that time. The area to the northeast of MW-20 is currently not defined by monitoring wells but was defined during the Tier II with probing locations. The area to the north of MW-19 was defined during the Tier II Assessment with probing locations, but it appears that the edge of the contaminant plume has now spread past the initial Tier II probing locations. Additional delineation may be required to the east and northeast of the contaminant plume as the bulk of the contaminant plume continues to migrate to the east.

Contaminants above regulatory limits were identified in telescoping well DW-4. Vertical gradient calculations done during the Tier II with the deep wells near the center of the plume indicate a discharging aquifer. The previous lack of contaminants and the upward flow of water in the deep wells indicated that the contaminant plume will migrate along the top of the water table rather than diving deeper into the subsurface, but it appears that the contamination is beginning to dive. The telescoping wells should be observed frequently to ensure contaminants are not migrating further downward.

Aggressive Fluid Vapor Recovery (AFVR) events have proven extremely effective at this site. Thus far, a total of 1063.56 gallons of free product, 5,394.32 gallons of product as vapor, and a total of 34,713.54 gallons of contaminated ground water have been recovered during seventeen events at the site. The free product has greatly diminished in both depth and breadth since the Tier II Report was submitted in September of 2021. The recent AFVR events and petroleum recovery socks were extremely effective in removing free product, as only one monitoring well contained free product during the previous sampling event and only two monitoring wells contained free product during this event. The removal of the free product is still an abatement action that is ongoing. KLM will continue to remove free product at the site, as necessary.

Five AFVR events are already scheduled at the Quick Pantry # 19 site and work for those events has already commenced. Three additional sampling events are scheduled as part of this directive to track the progress of the AFVR events and to monitor the spread of the contaminant plume. Additional delineation of the plume to the east and northeast should be considered as that area is now undefined due to contaminant migration.

4.0 REFERENCES

KLM Environmental, LLC, *Well Abandonment Report*, June 2023.

KLM Environmental, LLC, *AFVR & Passive Recovery Report*, February 2023.

KLM Environmental, LLC, *Monitoring Report*, November 2022.

KLM Environmental, LLC, *Monitoring Report*, September 2022.

KLM Environmental, LLC, *AFVR Report*, July 2022.

KLM Environmental, LLC, *Monitoring Report*, May 2022.

KLM Environmental, LLC, *Tier II Addendum Report*, February 2022.

KLM Environmental, LLC, *AFVR Report*, January 2022.

KLM Environmental, LLC, *Tier II Report*, October 2021.

KLM Environmental, LLC, *AFVR Report*, August 2021.

KLM Environmental, LLC, *AFVR Report*, June 2021.

KLM Environmental, LLC, *AFVR Report*, April 2021.

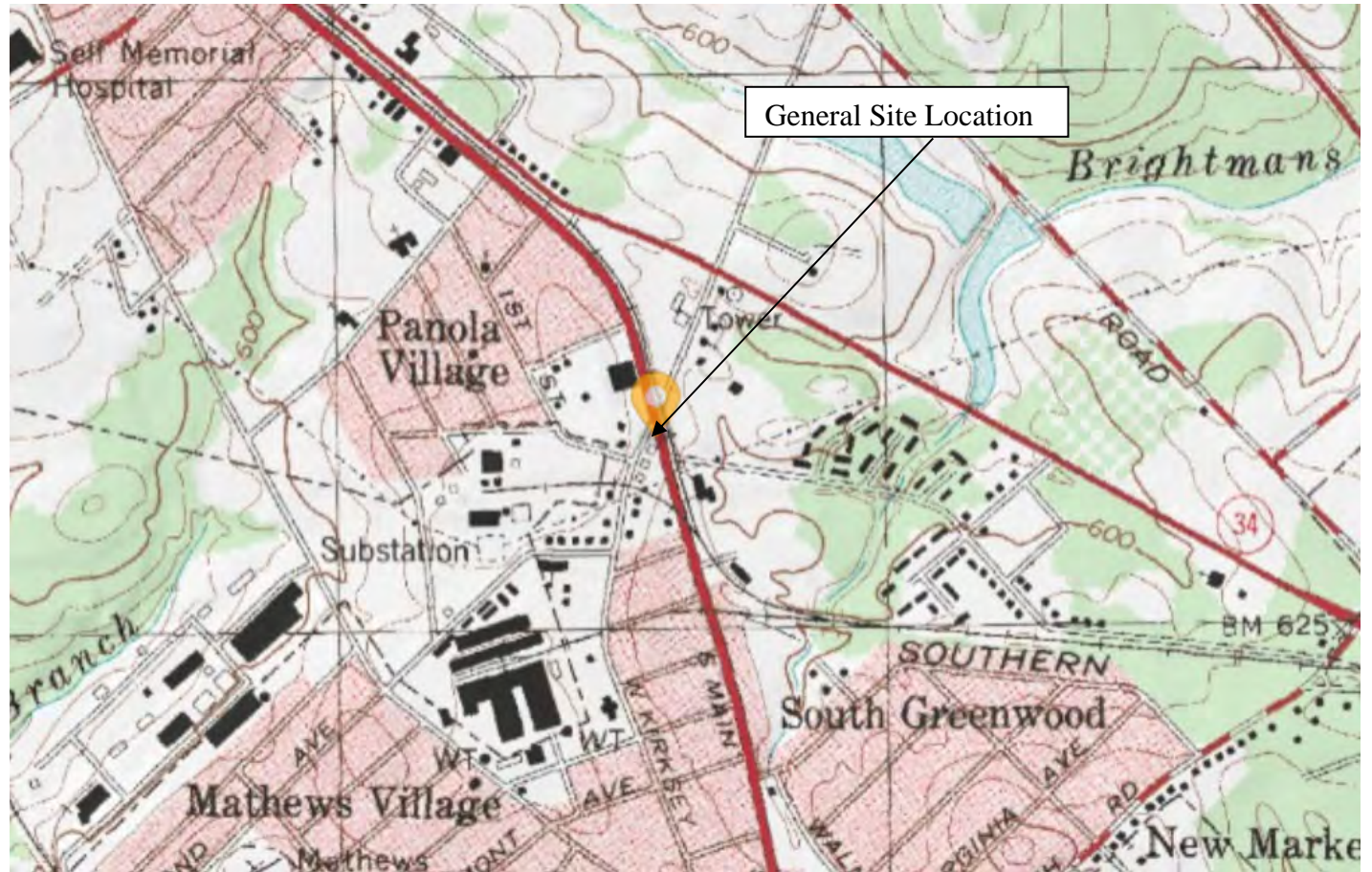
KLM Environmental, LLC, *Initial Containment Boom Report*, April 2021.

KLM Environmental, LLC, *Initial Sampling Report*, March 2021.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management Underground Storage Tank Program, *South Carolina Quality Assurance Program Plan Revision 4.0*, July 2020.

APPENDIX A

Figures



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1

USGS Map

Quick Pantry # 19

Greenwood, SC

UST # 04785

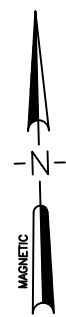
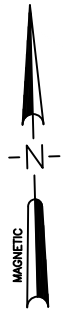


FIGURE 2
SITE MAP
QUICK PANTRY # 19
GREENWOOD, SC UST # 04785

KLM Environmental, LLC
 Phase I: Phase II: Underground Storage Tanks Soil & Water Sampling - Well Installation



TMS# 6855-562-314

TMS# 6855-550-186

TMS# 6855-550-186

CMF

FOUNDRY RD

SW-5

POND

OHIO CT

TMS# 6855-550-186

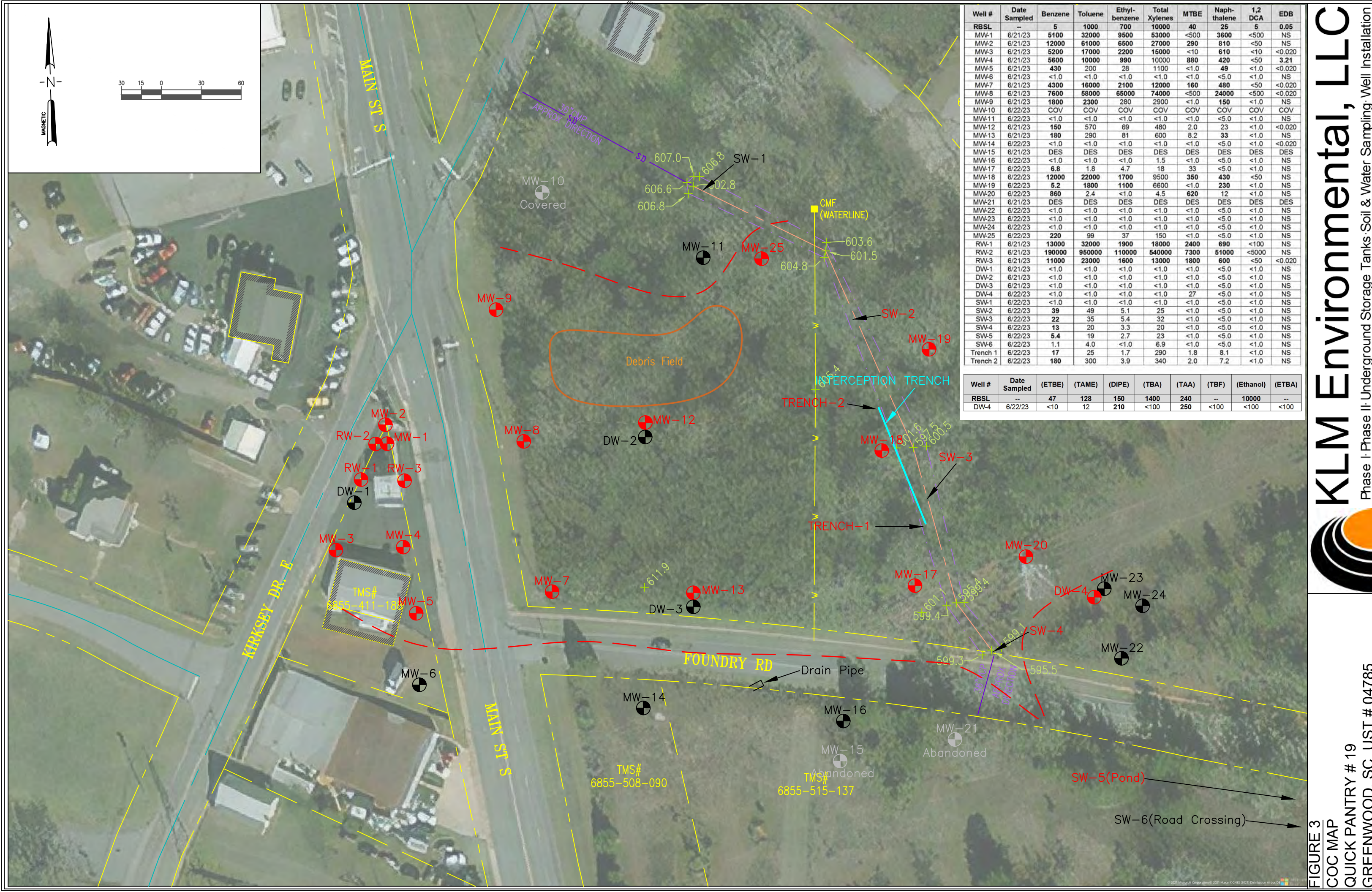
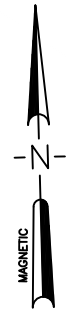
SW-6

NEW YORK CT

KLM Environmental, LLC
Phase I: Phase II: Underground Storage Tanks-Soil & Water Sampling-Well Installation



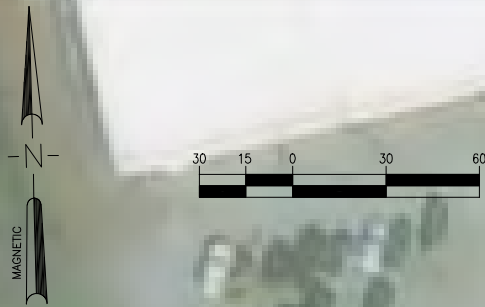
FIGURE 2B
SITE MAP TWO
QUICK PANTRY # 19
GREENWOOD, SC UST # 04785



Well #	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene	1,2 DCA	EDB
RBSL	--	5	1000	700	10000	40	25	5	0.05
MW-1	6/21/23	5100	32000	9500	53000	<500	3600	<500	NS
MW-2	6/21/23	12000	61000	6500	27000	290	810	<50	NS
MW-3	6/21/23	5200	17000	2200	15000	<10	610	<10	<0.020
MW-4	6/21/23	5600	10000	990	10000	880	420	<50	3.21
MW-5	6/21/23	430	200	28	1100	<1.0	49	<1.0	<0.020
MW-6	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
MW-7	6/21/23	4300	16000	2100	12000	160	480	<50	<0.020
MW-8	6/21/23	7600	58000	65000	74000	<500	24000	<500	<0.020
MW-9	6/21/23	1800	2300	280	2900	<1.0	160	<1.0	NS
MW-10	6/22/23	COV	COV	COV	COV	COV	COV	COV	COV
MW-11	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
MW-12	6/21/23	150	570	69	480	2.0	23	<1.0	<0.020
MW-13	6/21/23	180	290	81	600	8.2	33	<1.0	NS
MW-14	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<0.020
MW-15	6/21/23	DES	DES	DES	DES	DES	DES	DES	DES
MW-16	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
MW-17	6/22/23	6.8	1.8	4.7	15	33	<5.0	<1.0	NS
MW-18	6/22/23	12000	22000	1700	9500	350	430	<50	NS
MW-19	6/22/23	5.2	1800	1100	6600	<1.0	230	<1.0	NS
MW-20	6/22/23	860	2.4	<1.0	4.5	620	12	<1.0	NS
MW-21	6/21/23	DES	DES	DES	DES	DES	DES	DES	DES
MW-22	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
MW-23	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
MW-24	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
MW-25	6/22/23	220	99	37	150	<1.0	<5.0	<1.0	NS
RW-1	6/21/23	13000	32000	1900	18000	7300	690	<100	NS
RW-2	6/21/23	190000	950000	110000	540000	2400	51000	<5000	NS
RW-3	6/21/23	11000	23000	1600	13000	1800	600	<50	<0.020
DW-1	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
DW-2	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
DW-3	6/21/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
DW-4	6/22/23	<1.0	<1.0	<1.0	<1.0	27	<5.0	<1.0	NS
SW-1	6/22/23	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NS
SW-2	6/22/23	39	49	5.1	25	<1.0	<5.0	<1.0	NS
SW-3	6/22/23	22	35	5.4	32	<1.0	<5.0	<1.0	NS
SW-4	6/22/23	13	20	3.3	20	<1.0	<5.0	<1.0	NS
SW-5	6/22/23	5.4	19	2.7	23	<1.0	<5.0	<1.0	NS
SW-6	6/22/23	1.1	4.0	<1.0	6.9	<1.0	<5.0	<1.0	NS
Trench 1	6/22/23	17	25	1.7	290	1.8	8.1	<1.0	NS
Trench 2	6/22/23	180	300	3.9	340	2.0	7.2	<1.0	NS

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
DW-4	6/22/23	<10	12	210	<100	250	<100	<100	<100





Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	GW Elevation
MW-1*	6/21/23	623.56	X-28.5	15.41	15.43	.02	FP
MW-2	6/21/23	623.38	10-20	--	15.22	--	608.16
MW-3	6/21/23	625.10	10-20	--	16.24	--	608.86
MW-4	6/21/23	623.30	10-20	--	15.06	--	608.24
MW-5	6/21/23	622.12	10-20	--	13.72	--	608.40
MW-6	6/21/23	622.84	10-20	--	9.51	--	613.33
MW-7	6/21/23	614.92	8-18	--	7.41	--	607.51
MW-8	6/21/23	615.10	5-15	--	7.66	--	607.44
MW-9	6/21/23	615.58	7.5-17.5	--	7.80	--	607.78
MW-10*	6/22/23	608.68	2-12	--	COV	--	COV
MW-11	6/22/23	606.78	4-14	--	3.13	--	603.65
MW-12	6/21/23	611.62	7-17	--	7.88	--	603.74
MW-13	6/21/23	610.45	5-15	--	6.24	--	604.21
MW-14	6/21/23	608.36	5-15	--	5.12	--	603.24
MW-15*	6/21/23	610.20	5-15	--	DES	--	DES
MW-16	6/21/23	605.95	5-15	--	5.31	--	600.64
MW-17	6/22/23	601.53	3-13	--	1.19	--	600.34
MW-18	6/22/23	604.03	4-14	--	3.63	--	600.40
MW-19*	6/22/23	605.81	5-15	4.19	4.63	.44	FP
MW-20	6/22/23	601.51	3-13	--	2.83	--	598.68
MW-21*	6/21/23	604.50	5-15	--	DES	--	DES
MW-22	6/22/23	600.57	5-15	--	6.53	--	594.04
MW-23	6/22/23	602.51	5-15	--	8.24	--	594.27
MW-24	6/22/23	602.73	5-15	--	8.73	--	594.00
MW-25	6/22/23	606.98	6-16	--	4.64	--	602.34
RW-1	6/21/23	624.54	10-20	--	16.33	--	608.21
RW-2	6/21/23	623.44	10-20	--	15.18	--	608.26
RW-3	6/21/23	623.34	10-20	--	15.41	--	607.93
DW-1*	6/21/23	624.84	40-45	--	16.57	--	608.27
DW-2*	6/21/23	611.79	35-40	--	6.81	--	604.98
DW-3*	6/21/23	610.33	35-40	--	5.92	--	604.41
DW-4*	6/22/23	602.27	20-25	--	7.52	--	594.75





Jun 22, 2023 10:49:27 AM
2423 Main Street South
Greenwood County
South Carolina

SW-1 Location



Jun 22, 2023 9:40:57 AM
108 Kirksey Drive East
Greenwood County
South Carolina

SW-2 Location



Jun 22, 2023 9:38:48 AM
1911 Main Street South
Greenwood County
South Carolina

SW-3 Location



Jun 22, 2023 9:38:01 AM
2423 Main Street South
Greenwood County
South Carolina

SW-4 Location



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 5
Photographs
Quick Pantry # 19
Greenwood, SC
UST # 04785



Jun 22, 2023 10:19:44 AM
2016 Foundry Road
Greenwood County
South Carolina

SW-5 Location



Jun 22, 2023 10:26:01 AM
1038 S-24-681
Greenwood County
South Carolina

SW-6 Location



Jun 22, 2023 9:39:06 AM
1911 Main Street South
Greenwood County
South Carolina

Trench-1 Location



Jun 22, 2023 9:39:39 AM
1911 Main Street South
Greenwood County
South Carolina

Trench-2 Location



KLM Environmental, LLC
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 6
Photographs
Quick Pantry # 19
Greenwood, SC
UST # 04785



MW-1 Free Product



MW-19 Free Product



MW-10 Covered



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 7
Photographs
Quick Pantry # 19
Greenwood, SC
UST # 04785

APPENDIX B

Laboratory Data / Sampling Sheets



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 11, 2023

Mark Keller
KLM Environmental, LLC

P.O. Box 2704
Goose Creek SC 29445

RE: Quick Pantry # 19

Dear Mark Keller:

Order No: 2306V46

Analytical Environmental Services, Inc. received 44 samples on June 27, 2023 10:20 am for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES’ certifications are as follows:

-South Carolina Certification number 98016003 for Clean Water Act and for Solid and Hazardous Waste, effective until 6/30/23.

These results relate only to the items tested as received. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Eben Buchanan
Project Manager

CHAIN OF CUSTODY

COMPANY: <u>KLM Environmental LLC</u>		ADDRESS: <u>PO Box 2704</u> <u>Goose Creek, SC 29445</u>					ANALYSIS REQUESTED										Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AES Access account.		Number of Containers																																																											
PHONE:		EMAIL: <u>M.Keller131@comcast.net</u>					<table border="1" style="width:100%; height: 100%; text-align: center;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">STEX, N, M</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">L2 DIA 8 PKY</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">CDB</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="20">PRESERVATION (see codes)</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>													STEX, N, M	L2 DIA 8 PKY	CDB																			PRESERVATION (see codes)																																					
STEX, N, M	L2 DIA 8 PKY	CDB																																																																												
PRESERVATION (see codes)																																																																														
SAMPLED BY: <u>Graham Robinson</u>		SIGNATURE: <u>[Signature]</u>					SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	REMARKS																																																																		
#	SAMPLE ID	DATE	TIME																																																																											
1	<u>#04785</u> ——— <u>Field Blank-2</u>	<u>6/22/23</u>	<u>1355</u>	<u>X</u>		<u>W</u>																																																																								
2	<u>*</u> <u>Trip Blank</u>					<u>W</u>																																																																								
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RELINQUISHED BY: <u>[Signature]</u>		DATE/TIME: <u>6/26/23/1800</u>	RECEIVED BY: <u>[Signature]</u>	DATE/TIME: <u>06-27-23 1030</u>	PROJECT INFORMATION				RECEIPT	
1. <u>[Signature]</u>			1. <u>[Signature]</u>		PROJECT NAME: <u>Quick Pantry # 19</u>				Total # of Containers	
2.			2.		PROJECT #:				Turnaround Time (TAT) Request in Business Days	
3.			3.		SITE ADDRESS:				<input type="checkbox"/> Standard <input type="checkbox"/> 4-Day Rush* <input type="checkbox"/> 3-Day Rush* <input type="checkbox"/> 2-Day Rush* <input type="checkbox"/> Next Day Rush* <input type="checkbox"/> Other _____ <input type="checkbox"/> Same-Day Rush*(auth req.)	
SPECIAL INSTRUCTIONS/COMMENTS:			SHIPMENT METHOD		SEND REPORT TO: <u>Mark Keller</u>				*Surcharges apply for Rush TAT	
			OUT: / / VIA:		INVOICE TO (IF DIFFERENT FROM ABOVE):				REGULATORY PROGRAM (if any):	
			IN: / / VIA:		QUOTE #:				PO#:	
			Client <u>FedEx</u> UPS US mail courier		other: _____				DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O	

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Client: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2306V46

Case Narrative

Sample Receiving Nonconformance:

Vial 3 of 3 for sample 2306V46-11A and vials 2 and 3 of 3 for sample 2306V46-25A were received with headspace present as signified by >1/4 inch bubble present. Laboratory proceeded with analysis per client and project history.

Volatiles Organic Compounds Analysis by Method 8260D:

Due to sample matrix, sample 2306V46-001A, -002A, -003A, -004A, 007A, -008A, -016A, -023A, -024A, -025 A and -038A required dilution during preparation and/or analysis resulting in elevated reporting limits.

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-1

Project: Quick Pantry # 19

Collection Date: 6/21/2023 1:50:00 PM

Lab ID: 2306V46-001

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	5100	500		ug/L	359133	500	7/1/2023 4:35 AM
Toluene	32000	500		ug/L	359133	500	7/1/2023 4:35 AM
Ethylbenzene	9500	500		ug/L	359133	500	7/1/2023 4:35 AM
Methyl tert-butyl ether	BRL	500		ug/L	359133	500	7/1/2023 4:35 AM
1,2-Dichloroethane	BRL	500		ug/L	359133	500	7/1/2023 4:35 AM
tert-Butyl Alcohol	BRL	50000		ug/L	359133	500	7/1/2023 4:35 AM
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	359133	500	7/1/2023 4:35 AM
Ethanol	6700000	2000000		ug/L	359133	20000	7/3/2023 11:55 PM
Ethyl tert-butyl ether	BRL	5000		ug/L	359133	500	7/1/2023 4:35 AM
Isopropyl ether	BRL	5000		ug/L	359133	500	7/1/2023 4:35 AM
Naphthalene	3600	2500		ug/L	359133	500	7/1/2023 4:35 AM
tert-Amyl alcohol	BRL	50000		ug/L	359133	500	7/1/2023 4:35 AM
tert-Amyl methyl ether	BRL	5000		ug/L	359133	500	7/1/2023 4:35 AM
tert-Butyl formate	BRL	50000		ug/L	359133	500	7/1/2023 4:35 AM
Xylenes, Total	53000	500		ug/L	359133	500	7/1/2023 4:35 AM
Surr: 4-Bromofluorobenzene	91.6	70-126		%REC	359133	20000	7/3/2023 11:55 PM
Surr: 4-Bromofluorobenzene	91.9	70-126		%REC	359133	500	7/1/2023 4:35 AM
Surr: Dibromofluoromethane	94.2	77-121		%REC	359133	500	7/1/2023 4:35 AM
Surr: Dibromofluoromethane	96.0	77-121		%REC	359133	20000	7/3/2023 11:55 PM
Surr: Toluene-d8	93.1	78.6-119		%REC	359133	20000	7/3/2023 11:55 PM
Surr: Toluene-d8	93.4	78.6-119		%REC	359133	500	7/1/2023 4:35 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-2

Project: Quick Pantry # 19

Collection Date: 6/21/2023 2:05:00 PM

Lab ID: 2306V46-002

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	12000	5000		ug/L	359133	5000	7/1/2023 1:43 AM
Toluene	60000	5000		ug/L	359133	5000	7/1/2023 1:43 AM
Ethylbenzene	6500	50		ug/L	359133	50	7/5/2023 6:35 PM
Methyl tert-butyl ether	290	50		ug/L	359133	50	7/5/2023 6:35 PM
1,2-Dichloroethane	BRL	50		ug/L	359133	50	7/5/2023 6:35 PM
tert-Butyl Alcohol	BRL	5000		ug/L	359133	50	7/5/2023 6:35 PM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	359133	50	7/5/2023 6:35 PM
Ethanol	BRL	5000		ug/L	359133	50	7/5/2023 6:35 PM
Ethyl tert-butyl ether	BRL	500		ug/L	359133	50	7/5/2023 6:35 PM
Isopropyl ether	2400	500		ug/L	359133	50	7/5/2023 6:35 PM
Naphthalene	810	250		ug/L	359133	50	7/5/2023 6:35 PM
tert-Amyl alcohol	22000	5000		ug/L	359133	50	7/5/2023 6:35 PM
tert-Amyl methyl ether	BRL	500		ug/L	359133	50	7/5/2023 6:35 PM
tert-Butyl formate	BRL	5000		ug/L	359133	50	7/5/2023 6:35 PM
Xylenes, Total	27000	5000		ug/L	359133	5000	7/1/2023 1:43 AM
Surr: 4-Bromofluorobenzene	90.3	70-126		%REC	359133	5000	7/1/2023 1:43 AM
Surr: 4-Bromofluorobenzene	102	70-126		%REC	359133	50	7/5/2023 6:35 PM
Surr: Dibromofluoromethane	94.9	77-121		%REC	359133	5000	7/1/2023 1:43 AM
Surr: Dibromofluoromethane	96.4	77-121		%REC	359133	50	7/5/2023 6:35 PM
Surr: Toluene-d8	94.7	78.6-119		%REC	359133	5000	7/1/2023 1:43 AM
Surr: Toluene-d8	103	78.6-119		%REC	359133	50	7/5/2023 6:35 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-3

Project: Quick Pantry # 19

Collection Date: 6/21/2023 12:45:00 PM

Lab ID: 2306V46-003

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 7:16 PM
Surr: 4-Bromofluorobenzene	101	69.7-138		%REC	358882	1	6/28/2023 7:16 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	5200	500		ug/L	359133	500	7/4/2023 1:09 AM
Toluene	17000	500		ug/L	359133	500	7/4/2023 1:09 AM
Ethylbenzene	2200	500		ug/L	359133	500	7/4/2023 1:09 AM
Methyl tert-butyl ether	BRL	10		ug/L	359133	10	7/4/2023 12:44 AM
1,2-Dichloroethane	BRL	10		ug/L	359133	10	7/4/2023 12:44 AM
tert-Butyl Alcohol	BRL	1000		ug/L	359133	10	7/4/2023 12:44 AM
3,3-Dimethyl-1-butanol	BRL	1000		ug/L	359133	10	7/4/2023 12:44 AM
Ethanol	BRL	1000		ug/L	359133	10	7/4/2023 12:44 AM
Ethyl tert-butyl ether	BRL	100		ug/L	359133	10	7/4/2023 12:44 AM
Isopropyl ether	420	100		ug/L	359133	10	7/4/2023 12:44 AM
Naphthalene	610	50		ug/L	359133	10	7/4/2023 12:44 AM
tert-Amyl alcohol	8600	1000		ug/L	359133	10	7/4/2023 12:44 AM
tert-Amyl methyl ether	BRL	100		ug/L	359133	10	7/4/2023 12:44 AM
tert-Butyl formate	BRL	1000		ug/L	359133	10	7/4/2023 12:44 AM
Xylenes, Total	15000	500		ug/L	359133	500	7/4/2023 1:09 AM
Surr: 4-Bromofluorobenzene	91.6	70-126		%REC	359133	500	7/4/2023 1:09 AM
Surr: 4-Bromofluorobenzene	90.2	70-126		%REC	359133	10	7/4/2023 12:44 AM
Surr: Dibromofluoromethane	95.3	77-121		%REC	359133	500	7/4/2023 1:09 AM
Surr: Dibromofluoromethane	88.9	77-121		%REC	359133	10	7/4/2023 12:44 AM
Surr: Toluene-d8	90.1	78.6-119		%REC	359133	10	7/4/2023 12:44 AM
Surr: Toluene-d8	94.2	78.6-119		%REC	359133	500	7/4/2023 1:09 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-4

Project: Quick Pantry # 19

Collection Date: 6/21/2023 12:30:00 PM

Lab ID: 2306V46-004

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	3.21	0.988		ug/L	358882	50	6/29/2023 1:40 PM
Surr: 4-Bromofluorobenzene	124	69.7-138		%REC	358882	1	6/28/2023 7:33 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: OMA
Benzene	5600	50		ug/L	359133	50	7/5/2023 7:19 PM
Toluene	10000	500		ug/L	359133	500	7/1/2023 4:10 AM
Ethylbenzene	990	50		ug/L	359133	50	7/5/2023 7:19 PM
Methyl tert-butyl ether	880	50		ug/L	359133	50	7/5/2023 7:19 PM
1,2-Dichloroethane	BRL	50		ug/L	359133	50	7/5/2023 7:19 PM
tert-Butyl Alcohol	BRL	5000		ug/L	359133	50	7/5/2023 7:19 PM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	359133	50	7/5/2023 7:19 PM
Ethanol	BRL	5000		ug/L	359133	50	7/5/2023 7:19 PM
Ethyl tert-butyl ether	BRL	500		ug/L	359133	50	7/5/2023 7:19 PM
Isopropyl ether	1700	500		ug/L	359133	50	7/5/2023 7:19 PM
Naphthalene	420	250		ug/L	359133	50	7/5/2023 7:19 PM
tert-Amyl alcohol	8000	5000		ug/L	359133	50	7/5/2023 7:19 PM
tert-Amyl methyl ether	BRL	500		ug/L	359133	50	7/5/2023 7:19 PM
tert-Butyl formate	BRL	5000		ug/L	359133	50	7/5/2023 7:19 PM
Xylenes, Total	10000	500		ug/L	359133	500	7/1/2023 4:10 AM
Surr: 4-Bromofluorobenzene	91.3	70-126		%REC	359133	500	7/1/2023 4:10 AM
Surr: 4-Bromofluorobenzene	102	70-126		%REC	359133	50	7/5/2023 7:19 PM
Surr: Dibromofluoromethane	98.7	77-121		%REC	359133	50	7/5/2023 7:19 PM
Surr: Dibromofluoromethane	95.8	77-121		%REC	359133	500	7/1/2023 4:10 AM
Surr: Toluene-d8	94.6	78.6-119		%REC	359133	500	7/1/2023 4:10 AM
Surr: Toluene-d8	101	78.6-119		%REC	359133	50	7/5/2023 7:19 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-5

Project: Quick Pantry # 19

Collection Date: 6/21/2023 12:15:00 PM

Lab ID: 2306V46-005

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 7:50 PM
Surr: 4-Bromofluorobenzene	137	69.7-138		%REC	358882	1	6/28/2023 7:50 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	430	10		ug/L	359133	10	7/1/2023 7:49 AM
Toluene	200	10		ug/L	359133	10	7/1/2023 7:49 AM
Ethylbenzene	28	1.0		ug/L	359133	1	7/3/2023 10:17 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359133	1	7/3/2023 10:17 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/3/2023 10:17 PM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/3/2023 10:17 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/3/2023 10:17 PM
Ethanol	BRL	100		ug/L	359133	1	7/3/2023 10:17 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/3/2023 10:17 PM
Isopropyl ether	37	10		ug/L	359133	1	7/3/2023 10:17 PM
Naphthalene	49	5.0		ug/L	359133	1	7/3/2023 10:17 PM
tert-Amyl alcohol	760	100		ug/L	359133	1	7/3/2023 10:17 PM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	7/3/2023 10:17 PM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/3/2023 10:17 PM
Xylenes, Total	1100	10		ug/L	359133	10	7/1/2023 7:49 AM
Surr: 4-Bromofluorobenzene	91.5	70-126		%REC	359133	10	7/1/2023 7:49 AM
Surr: 4-Bromofluorobenzene	90.5	70-126		%REC	359133	1	7/3/2023 10:17 PM
Surr: Dibromofluoromethane	93.1	77-121		%REC	359133	10	7/1/2023 7:49 AM
Surr: Dibromofluoromethane	90.5	77-121		%REC	359133	1	7/3/2023 10:17 PM
Surr: Toluene-d8	90.9	78.6-119		%REC	359133	1	7/3/2023 10:17 PM
Surr: Toluene-d8	91.7	78.6-119		%REC	359133	10	7/1/2023 7:49 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-6

Project: Quick Pantry # 19

Collection Date: 6/21/2023 12:00:00 PM

Lab ID: 2306V46-006

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359136	1	7/3/2023 10:57 AM
Toluene	BRL	1.0		ug/L	359136	1	7/3/2023 10:57 AM
Ethylbenzene	BRL	1.0		ug/L	359136	1	7/3/2023 10:57 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/3/2023 10:57 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/3/2023 10:57 AM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/3/2023 10:57 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/3/2023 10:57 AM
Ethanol	BRL	100		ug/L	359136	1	7/3/2023 10:57 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/3/2023 10:57 AM
Isopropyl ether	BRL	10		ug/L	359136	1	7/3/2023 10:57 AM
Naphthalene	BRL	5.0		ug/L	359136	1	7/3/2023 10:57 AM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/3/2023 10:57 AM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/3/2023 10:57 AM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/3/2023 10:57 AM
Xylenes, Total	BRL	1.0		ug/L	359136	1	7/3/2023 10:57 AM
Surr: 4-Bromofluorobenzene	91.9	70-126		%REC	359136	1	7/3/2023 10:57 AM
Surr: Dibromofluoromethane	95.8	77-121		%REC	359136	1	7/3/2023 10:57 AM
Surr: Toluene-d8	94.8	78.6-119		%REC	359136	1	7/3/2023 10:57 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2306V46-007

Client Sample ID: #04785 MW-7
Collection Date: 6/21/2023 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 8:24 PM
Surr: 4-Bromofluorobenzene	103	69.7-138		%REC	358882	1	6/28/2023 8:24 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: OMA
Benzene	4300	50		ug/L	359133	50	7/5/2023 6:57 PM
Toluene	16000	500		ug/L	359133	500	7/1/2023 2:07 AM
Ethylbenzene	2100	50		ug/L	359133	50	7/5/2023 6:57 PM
Methyl tert-butyl ether	160	50		ug/L	359133	50	7/5/2023 6:57 PM
1,2-Dichloroethane	BRL	50		ug/L	359133	50	7/5/2023 6:57 PM
tert-Butyl Alcohol	BRL	5000		ug/L	359133	50	7/5/2023 6:57 PM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	359133	50	7/5/2023 6:57 PM
Ethanol	BRL	5000		ug/L	359133	50	7/5/2023 6:57 PM
Ethyl tert-butyl ether	BRL	500		ug/L	359133	50	7/5/2023 6:57 PM
Isopropyl ether	730	500		ug/L	359133	50	7/5/2023 6:57 PM
Naphthalene	480	250		ug/L	359133	50	7/5/2023 6:57 PM
tert-Amyl alcohol	14000	5000		ug/L	359133	50	7/5/2023 6:57 PM
tert-Amyl methyl ether	BRL	500		ug/L	359133	50	7/5/2023 6:57 PM
tert-Butyl formate	BRL	5000		ug/L	359133	50	7/5/2023 6:57 PM
Xylenes, Total	12000	50		ug/L	359133	50	7/5/2023 6:57 PM
Surr: 4-Bromofluorobenzene	91.5	70-126		%REC	359133	500	7/1/2023 2:07 AM
Surr: 4-Bromofluorobenzene	102	70-126		%REC	359133	50	7/5/2023 6:57 PM
Surr: Dibromofluoromethane	98.4	77-121		%REC	359133	50	7/5/2023 6:57 PM
Surr: Dibromofluoromethane	95.6	77-121		%REC	359133	500	7/1/2023 2:07 AM
Surr: Toluene-d8	102	78.6-119		%REC	359133	50	7/5/2023 6:57 PM
Surr: Toluene-d8	93.9	78.6-119		%REC	359133	500	7/1/2023 2:07 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-8

Project: Quick Pantry # 19

Collection Date: 6/21/2023 2:50:00 PM

Lab ID: 2306V46-008

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 8:58 PM
Surr: 4-Bromofluorobenzene	107	69.7-138		%REC	358882	1	6/28/2023 8:58 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	7600	500		ug/L	359133	500	7/1/2023 2:32 AM
Toluene	58000	1000		ug/L	359133	1000	7/5/2023 4:44 PM
Ethylbenzene	65000	500		ug/L	359133	500	7/1/2023 2:32 AM
Methyl tert-butyl ether	BRL	500		ug/L	359133	500	7/1/2023 2:32 AM
1,2-Dichloroethane	BRL	500		ug/L	359133	500	7/1/2023 2:32 AM
tert-Butyl Alcohol	BRL	50000		ug/L	359133	500	7/1/2023 2:32 AM
3,3-Dimethyl-1-butanol	BRL	50000		ug/L	359133	500	7/1/2023 2:32 AM
Ethanol	BRL	50000		ug/L	359133	500	7/1/2023 2:32 AM
Ethyl tert-butyl ether	BRL	5000		ug/L	359133	500	7/1/2023 2:32 AM
Isopropyl ether	BRL	5000		ug/L	359133	500	7/1/2023 2:32 AM
Naphthalene	24000	2500		ug/L	359133	500	7/1/2023 2:32 AM
tert-Amyl alcohol	BRL	50000		ug/L	359133	500	7/1/2023 2:32 AM
tert-Amyl methyl ether	BRL	5000		ug/L	359133	500	7/1/2023 2:32 AM
tert-Butyl formate	BRL	50000		ug/L	359133	500	7/1/2023 2:32 AM
Xylenes, Total	74000	1000		ug/L	359133	1000	7/5/2023 4:44 PM
Surr: 4-Bromofluorobenzene	103	70-126		%REC	359133	1000	7/5/2023 4:44 PM
Surr: 4-Bromofluorobenzene	93.1	70-126		%REC	359133	500	7/1/2023 2:32 AM
Surr: Dibromofluoromethane	101	77-121		%REC	359133	1000	7/5/2023 4:44 PM
Surr: Dibromofluoromethane	94.8	77-121		%REC	359133	500	7/1/2023 2:32 AM
Surr: Toluene-d8	94.3	78.6-119		%REC	359133	500	7/1/2023 2:32 AM
Surr: Toluene-d8	102	78.6-119		%REC	359133	1000	7/5/2023 4:44 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2306V46-009

Client Sample ID: #04785 MW-9
Collection Date: 6/21/2023 3:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	1800	10		ug/L	359133	10	7/3/2023 11:31 PM
Toluene	2300	50		ug/L	359133	50	7/5/2023 5:06 PM
Ethylbenzene	280	10		ug/L	359133	10	7/3/2023 11:31 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359133	1	7/3/2023 9:44 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/3/2023 9:44 AM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/3/2023 9:44 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/3/2023 9:44 AM
Ethanol	BRL	100		ug/L	359133	1	7/3/2023 9:44 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/3/2023 9:44 AM
Isopropyl ether	250	10		ug/L	359133	1	7/3/2023 9:44 AM
Naphthalene	150	5.0		ug/L	359133	1	7/3/2023 9:44 AM
tert-Amyl alcohol	1600	100		ug/L	359133	1	7/3/2023 9:44 AM
tert-Amyl methyl ether	20	10		ug/L	359133	1	7/3/2023 9:44 AM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/3/2023 9:44 AM
Xylenes, Total	2900	10		ug/L	359133	10	7/3/2023 11:31 PM
Surr: 4-Bromofluorobenzene	91.0	70-126		%REC	359133	10	7/3/2023 11:31 PM
Surr: 4-Bromofluorobenzene	88.8	70-126		%REC	359133	1	7/3/2023 9:44 AM
Surr: 4-Bromofluorobenzene	105	70-126		%REC	359133	50	7/5/2023 5:06 PM
Surr: Dibromofluoromethane	92.4	77-121		%REC	359133	10	7/3/2023 11:31 PM
Surr: Dibromofluoromethane	104	77-121		%REC	359133	50	7/5/2023 5:06 PM
Surr: Dibromofluoromethane	90.2	77-121		%REC	359133	1	7/3/2023 9:44 AM
Surr: Toluene-d8	101	78.6-119		%REC	359133	50	7/5/2023 5:06 PM
Surr: Toluene-d8	91.3	78.6-119		%REC	359133	10	7/3/2023 11:31 PM
Surr: Toluene-d8	92.8	78.6-119		%REC	359133	1	7/3/2023 9:44 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-11

Project: Quick Pantry # 19

Collection Date: 6/22/2023 12:35:00 PM

Lab ID: 2306V46-010

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: OMA
Benzene	BRL	1.0		ug/L	359133	1	7/5/2023 4:23 PM
Toluene	BRL	1.0		ug/L	359133	1	7/5/2023 4:23 PM
Ethylbenzene	BRL	1.0		ug/L	359133	1	7/5/2023 4:23 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359133	1	7/5/2023 4:23 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/5/2023 4:23 PM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/5/2023 4:23 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/5/2023 4:23 PM
Ethanol	BRL	100		ug/L	359133	1	7/5/2023 4:23 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/5/2023 4:23 PM
Isopropyl ether	BRL	10		ug/L	359133	1	7/5/2023 4:23 PM
Naphthalene	BRL	5.0		ug/L	359133	1	7/5/2023 4:23 PM
tert-Amyl alcohol	BRL	100		ug/L	359133	1	7/5/2023 4:23 PM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	7/5/2023 4:23 PM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/5/2023 4:23 PM
Xylenes, Total	BRL	1.0		ug/L	359133	1	7/5/2023 4:23 PM
Surr: 4-Bromofluorobenzene	103	70-126		%REC	359133	1	7/5/2023 4:23 PM
Surr: Dibromofluoromethane	99.7	77-121		%REC	359133	1	7/5/2023 4:23 PM
Surr: Toluene-d8	98.9	78.6-119		%REC	359133	1	7/5/2023 4:23 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2306V46-011

Client Sample ID: #04785 MW-12
Collection Date: 6/21/2023 3:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 9:15 PM
Surr: 4-Bromofluorobenzene	137	69.7-138		%REC	358882	1	6/28/2023 9:15 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	150	1.0		ug/L	359133	1	7/3/2023 10:08 AM
Toluene	570	10		ug/L	359133	10	7/5/2023 5:29 PM
Ethylbenzene	69	1.0		ug/L	359133	1	7/3/2023 10:08 AM
Methyl tert-butyl ether	2.0	1.0		ug/L	359133	1	7/3/2023 10:08 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/3/2023 10:08 AM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/3/2023 10:08 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/3/2023 10:08 AM
Ethanol	BRL	100		ug/L	359133	1	7/3/2023 10:08 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/3/2023 10:08 AM
Isopropyl ether	25	10		ug/L	359133	1	7/3/2023 10:08 AM
Naphthalene	23	5.0		ug/L	359133	1	7/3/2023 10:08 AM
tert-Amyl alcohol	110	100		ug/L	359133	1	7/3/2023 10:08 AM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	7/3/2023 10:08 AM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/3/2023 10:08 AM
Xylenes, Total	480	1.0		ug/L	359133	1	7/3/2023 10:08 AM
Surr: 4-Bromofluorobenzene	106	70-126		%REC	359133	10	7/5/2023 5:29 PM
Surr: 4-Bromofluorobenzene	91.0	70-126		%REC	359133	1	7/3/2023 10:08 AM
Surr: Dibromofluoromethane	96.6	77-121		%REC	359133	1	7/3/2023 10:08 AM
Surr: Dibromofluoromethane	102	77-121		%REC	359133	10	7/5/2023 5:29 PM
Surr: Toluene-d8	96.9	78.6-119		%REC	359133	1	7/3/2023 10:08 AM
Surr: Toluene-d8	100	78.6-119		%REC	359133	10	7/5/2023 5:29 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2306V46-012

Client Sample ID: #04785 MW-13
Collection Date: 6/21/2023 3:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	180	1.0		ug/L	359133	1	6/30/2023 11:42 PM
Toluene	290	10		ug/L	359133	10	7/3/2023 9:19 AM
Ethylbenzene	81	1.0		ug/L	359133	1	6/30/2023 11:42 PM
Methyl tert-butyl ether	8.2	1.0		ug/L	359133	1	6/30/2023 11:42 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	6/30/2023 11:42 PM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	6/30/2023 11:42 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	6/30/2023 11:42 PM
Ethanol	BRL	100		ug/L	359133	1	6/30/2023 11:42 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	6/30/2023 11:42 PM
Isopropyl ether	52	10		ug/L	359133	1	6/30/2023 11:42 PM
Naphthalene	33	5.0		ug/L	359133	1	6/30/2023 11:42 PM
tert-Amyl alcohol	450	100		ug/L	359133	1	6/30/2023 11:42 PM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	6/30/2023 11:42 PM
tert-Butyl formate	BRL	100		ug/L	359133	1	6/30/2023 11:42 PM
Xylenes, Total	600	1.0		ug/L	359133	1	6/30/2023 11:42 PM
Surr: 4-Bromofluorobenzene	92.7	70-126		%REC	359133	1	6/30/2023 11:42 PM
Surr: 4-Bromofluorobenzene	90.7	70-126		%REC	359133	10	7/3/2023 9:19 AM
Surr: Dibromofluoromethane	91.6	77-121		%REC	359133	1	6/30/2023 11:42 PM
Surr: Dibromofluoromethane	91.5	77-121		%REC	359133	10	7/3/2023 9:19 AM
Surr: Toluene-d8	93.4	78.6-119		%REC	359133	1	6/30/2023 11:42 PM
Surr: Toluene-d8	90.4	78.6-119		%REC	359133	10	7/3/2023 9:19 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
N	Analyte not NELAC certified	NC	Not Confirmed
B	Analyte detected in the associated Method Blank	<	Less than Result value
>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-14

Project: Quick Pantry # 19

Collection Date: 6/22/2023 1:20:00 PM

Lab ID: 2306V46-013

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 9:32 PM
Surr: 4-Bromofluorobenzene	101	69.7-138		%REC	358882	1	6/28/2023 9:32 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359133	1	7/3/2023 10:32 AM
Toluene	BRL	1.0		ug/L	359133	1	7/3/2023 10:32 AM
Ethylbenzene	BRL	1.0		ug/L	359133	1	7/3/2023 10:32 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359133	1	7/3/2023 10:32 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/3/2023 10:32 AM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/3/2023 10:32 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/3/2023 10:32 AM
Ethanol	110	100		ug/L	359133	1	7/3/2023 10:32 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/3/2023 10:32 AM
Isopropyl ether	BRL	10		ug/L	359133	1	7/3/2023 10:32 AM
Naphthalene	BRL	5.0		ug/L	359133	1	7/3/2023 10:32 AM
tert-Amyl alcohol	BRL	100		ug/L	359133	1	7/3/2023 10:32 AM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	7/3/2023 10:32 AM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/3/2023 10:32 AM
Xylenes, Total	BRL	1.0		ug/L	359133	1	7/3/2023 10:32 AM
Surr: 4-Bromofluorobenzene	91.9	70-126		%REC	359133	1	7/3/2023 10:32 AM
Surr: Dibromofluoromethane	96.5	77-121		%REC	359133	1	7/3/2023 10:32 AM
Surr: Toluene-d8	94.8	78.6-119		%REC	359133	1	7/3/2023 10:32 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-16

Project: Quick Pantry # 19

Collection Date: 6/22/2023 1:35:00 PM

Lab ID: 2306V46-014

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359133	1	7/1/2023 12:06 AM
Toluene	BRL	1.0		ug/L	359133	1	7/1/2023 12:06 AM
Ethylbenzene	BRL	1.0		ug/L	359133	1	7/1/2023 12:06 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359133	1	7/1/2023 12:06 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/1/2023 12:06 AM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/1/2023 12:06 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/1/2023 12:06 AM
Ethanol	BRL	100		ug/L	359133	1	7/1/2023 12:06 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/1/2023 12:06 AM
Isopropyl ether	BRL	10		ug/L	359133	1	7/1/2023 12:06 AM
Naphthalene	BRL	5.0		ug/L	359133	1	7/1/2023 12:06 AM
tert-Amyl alcohol	BRL	100		ug/L	359133	1	7/1/2023 12:06 AM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	7/1/2023 12:06 AM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/1/2023 12:06 AM
Xylenes, Total	1.5	1.0		ug/L	359133	1	7/1/2023 12:06 AM
Surr: 4-Bromofluorobenzene	91.2	70-126		%REC	359133	1	7/1/2023 12:06 AM
Surr: Dibromofluoromethane	95.3	77-121		%REC	359133	1	7/1/2023 12:06 AM
Surr: Toluene-d8	94.6	78.6-119		%REC	359133	1	7/1/2023 12:06 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-17

Project: Quick Pantry # 19

Collection Date: 6/22/2023 8:30:00 AM

Lab ID: 2306V46-015

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	6.8	1.0		ug/L	359133	1	7/3/2023 9:53 PM
Toluene	1.8	1.0		ug/L	359133	1	7/3/2023 9:53 PM
Ethylbenzene	4.7	1.0		ug/L	359133	1	7/3/2023 9:53 PM
Methyl tert-butyl ether	33	1.0		ug/L	359133	1	7/3/2023 9:53 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/3/2023 9:53 PM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/3/2023 9:53 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/3/2023 9:53 PM
Ethanol	BRL	100		ug/L	359133	1	7/3/2023 9:53 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/3/2023 9:53 PM
Isopropyl ether	160	10		ug/L	359133	1	7/3/2023 9:53 PM
Naphthalene	BRL	5.0		ug/L	359133	1	7/3/2023 9:53 PM
tert-Amyl alcohol	270	100		ug/L	359133	1	7/3/2023 9:53 PM
tert-Amyl methyl ether	11	10		ug/L	359133	1	7/3/2023 9:53 PM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/3/2023 9:53 PM
Xylenes, Total	18	1.0		ug/L	359133	1	7/3/2023 9:53 PM
Surr: 4-Bromofluorobenzene	91.7	70-126		%REC	359133	1	7/3/2023 9:53 PM
Surr: Dibromofluoromethane	91.2	77-121		%REC	359133	1	7/3/2023 9:53 PM
Surr: Toluene-d8	89.5	78.6-119		%REC	359133	1	7/3/2023 9:53 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-18

Project: Quick Pantry # 19

Collection Date: 6/22/2023 8:50:00 AM

Lab ID: 2306V46-016

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	12000	500		ug/L	359133	500	7/3/2023 11:06 PM
Toluene	22000	500		ug/L	359133	500	7/3/2023 11:06 PM
Ethylbenzene	1700	50		ug/L	359133	50	7/1/2023 6:37 AM
Methyl tert-butyl ether	350	50		ug/L	359133	50	7/1/2023 6:37 AM
1,2-Dichloroethane	BRL	50		ug/L	359133	50	7/1/2023 6:37 AM
tert-Butyl Alcohol	BRL	5000		ug/L	359133	50	7/1/2023 6:37 AM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	359133	50	7/1/2023 6:37 AM
Ethanol	BRL	5000		ug/L	359133	50	7/1/2023 6:37 AM
Ethyl tert-butyl ether	BRL	500		ug/L	359133	50	7/1/2023 6:37 AM
Isopropyl ether	2600	500		ug/L	359133	50	7/1/2023 6:37 AM
Naphthalene	430	250		ug/L	359133	50	7/1/2023 6:37 AM
tert-Amyl alcohol	BRL	5000		ug/L	359133	50	7/1/2023 6:37 AM
tert-Amyl methyl ether	BRL	500		ug/L	359133	50	7/1/2023 6:37 AM
tert-Butyl formate	BRL	5000		ug/L	359133	50	7/1/2023 6:37 AM
Xylenes, Total	9500	50		ug/L	359133	50	7/1/2023 6:37 AM
Surr: 4-Bromofluorobenzene	91.3	70-126		%REC	359133	500	7/3/2023 11:06 PM
Surr: 4-Bromofluorobenzene	90.0	70-126		%REC	359133	50	7/1/2023 6:37 AM
Surr: Dibromofluoromethane	93.0	77-121		%REC	359133	50	7/1/2023 6:37 AM
Surr: Dibromofluoromethane	93.8	77-121		%REC	359133	500	7/3/2023 11:06 PM
Surr: Toluene-d8	92.2	78.6-119		%REC	359133	500	7/3/2023 11:06 PM
Surr: Toluene-d8	91.9	78.6-119		%REC	359133	50	7/1/2023 6:37 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-19

Project: Quick Pantry # 19

Collection Date: 6/22/2023 1:05:00 PM

Lab ID: 2306V46-017

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: OMA
Benzene	5.2	1.0		ug/L	359133	1	7/5/2023 7:41 PM
Toluene	1800	50		ug/L	359133	50	7/1/2023 6:12 AM
Ethylbenzene	1100	50		ug/L	359133	50	7/1/2023 6:12 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359133	1	7/5/2023 7:41 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/5/2023 7:41 PM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/5/2023 7:41 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/5/2023 7:41 PM
Ethanol	BRL	100		ug/L	359133	1	7/5/2023 7:41 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/5/2023 7:41 PM
Isopropyl ether	BRL	10		ug/L	359133	1	7/5/2023 7:41 PM
Naphthalene	230	100		ug/L	359133	50	7/1/2023 6:12 AM
tert-Amyl alcohol	670	100		ug/L	359133	1	7/5/2023 7:41 PM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	7/5/2023 7:41 PM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/5/2023 7:41 PM
Xylenes, Total	6600	50		ug/L	359133	50	7/1/2023 6:12 AM
Surr: 4-Bromofluorobenzene	90.7	70-126		%REC	359133	50	7/1/2023 6:12 AM
Surr: 4-Bromofluorobenzene	99.1	70-126		%REC	359133	1	7/5/2023 7:41 PM
Surr: Dibromofluoromethane	90.0	77-121		%REC	359133	1	7/5/2023 7:41 PM
Surr: Dibromofluoromethane	95.2	77-121		%REC	359133	50	7/1/2023 6:12 AM
Surr: Toluene-d8	94.2	78.6-119		%REC	359133	50	7/1/2023 6:12 AM
Surr: Toluene-d8	103	78.6-119		%REC	359133	1	7/5/2023 7:41 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2306V46-018

Client Sample ID: #04785 MW-20
Collection Date: 6/22/2023 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	860	10		ug/L	359133	10	7/1/2023 7:01 AM
Toluene	2.4	1.0		ug/L	359133	1	7/3/2023 9:28 PM
Ethylbenzene	BRL	1.0		ug/L	359133	1	7/3/2023 9:28 PM
Methyl tert-butyl ether	620	10		ug/L	359133	10	7/1/2023 7:01 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/3/2023 9:28 PM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/3/2023 9:28 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/3/2023 9:28 PM
Ethanol	BRL	100		ug/L	359133	1	7/3/2023 9:28 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/3/2023 9:28 PM
Isopropyl ether	1000	10		ug/L	359133	1	7/3/2023 9:28 PM
Naphthalene	12	5.0		ug/L	359133	1	7/3/2023 9:28 PM
tert-Amyl alcohol	1400	100		ug/L	359133	1	7/3/2023 9:28 PM
tert-Amyl methyl ether	100	10		ug/L	359133	1	7/3/2023 9:28 PM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/3/2023 9:28 PM
Xylenes, Total	4.5	1.0		ug/L	359133	1	7/3/2023 9:28 PM
Surr: 4-Bromofluorobenzene	91.5	70-126		%REC	359133	10	7/1/2023 7:01 AM
Surr: 4-Bromofluorobenzene	90.9	70-126		%REC	359133	1	7/3/2023 9:28 PM
Surr: Dibromofluoromethane	91.2	77-121		%REC	359133	1	7/3/2023 9:28 PM
Surr: Dibromofluoromethane	94.2	77-121		%REC	359133	10	7/1/2023 7:01 AM
Surr: Toluene-d8	92.9	78.6-119		%REC	359133	10	7/1/2023 7:01 AM
Surr: Toluene-d8	90.2	78.6-119		%REC	359133	1	7/3/2023 9:28 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-22

Project: Quick Pantry # 19

Collection Date: 6/22/2023 10:15:00 AM

Lab ID: 2306V46-019

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359133	1	7/1/2023 12:30 AM
Toluene	BRL	1.0		ug/L	359133	1	7/1/2023 12:30 AM
Ethylbenzene	BRL	1.0		ug/L	359133	1	7/1/2023 12:30 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359133	1	7/1/2023 12:30 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/1/2023 12:30 AM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/1/2023 12:30 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/1/2023 12:30 AM
Ethanol	BRL	100		ug/L	359133	1	7/1/2023 12:30 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/1/2023 12:30 AM
Isopropyl ether	BRL	10		ug/L	359133	1	7/1/2023 12:30 AM
Naphthalene	BRL	5.0		ug/L	359133	1	7/1/2023 12:30 AM
tert-Amyl alcohol	BRL	100		ug/L	359133	1	7/1/2023 12:30 AM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	7/1/2023 12:30 AM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/1/2023 12:30 AM
Xylenes, Total	BRL	1.0		ug/L	359133	1	7/1/2023 12:30 AM
Surr: 4-Bromofluorobenzene	91.6	70-126		%REC	359133	1	7/1/2023 12:30 AM
Surr: Dibromofluoromethane	94.6	77-121		%REC	359133	1	7/1/2023 12:30 AM
Surr: Toluene-d8	93.9	78.6-119		%REC	359133	1	7/1/2023 12:30 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-23

Project: Quick Pantry # 19

Collection Date: 6/22/2023 10:45:00 AM

Lab ID: 2306V46-020

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359133	1	7/1/2023 12:54 AM
Toluene	BRL	1.0		ug/L	359133	1	7/1/2023 12:54 AM
Ethylbenzene	BRL	1.0		ug/L	359133	1	7/1/2023 12:54 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359133	1	7/1/2023 12:54 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/1/2023 12:54 AM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/1/2023 12:54 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/1/2023 12:54 AM
Ethanol	BRL	100		ug/L	359133	1	7/1/2023 12:54 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/1/2023 12:54 AM
Isopropyl ether	BRL	10		ug/L	359133	1	7/1/2023 12:54 AM
Naphthalene	BRL	5.0		ug/L	359133	1	7/1/2023 12:54 AM
tert-Amyl alcohol	BRL	100		ug/L	359133	1	7/1/2023 12:54 AM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	7/1/2023 12:54 AM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/1/2023 12:54 AM
Xylenes, Total	BRL	1.0		ug/L	359133	1	7/1/2023 12:54 AM
Surr: 4-Bromofluorobenzene	91.0	70-126		%REC	359133	1	7/1/2023 12:54 AM
Surr: Dibromofluoromethane	95.3	77-121		%REC	359133	1	7/1/2023 12:54 AM
Surr: Toluene-d8	94.0	78.6-119		%REC	359133	1	7/1/2023 12:54 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-24

Project: Quick Pantry # 19

Collection Date: 6/22/2023 10:30:00 AM

Lab ID: 2306V46-021

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359133	1	7/1/2023 1:18 AM
Toluene	BRL	1.0		ug/L	359133	1	7/1/2023 1:18 AM
Ethylbenzene	BRL	1.0		ug/L	359133	1	7/1/2023 1:18 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359133	1	7/1/2023 1:18 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359133	1	7/1/2023 1:18 AM
tert-Butyl Alcohol	BRL	100		ug/L	359133	1	7/1/2023 1:18 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359133	1	7/1/2023 1:18 AM
Ethanol	BRL	100		ug/L	359133	1	7/1/2023 1:18 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359133	1	7/1/2023 1:18 AM
Isopropyl ether	BRL	10		ug/L	359133	1	7/1/2023 1:18 AM
Naphthalene	BRL	5.0		ug/L	359133	1	7/1/2023 1:18 AM
tert-Amyl alcohol	BRL	100		ug/L	359133	1	7/1/2023 1:18 AM
tert-Amyl methyl ether	BRL	10		ug/L	359133	1	7/1/2023 1:18 AM
tert-Butyl formate	BRL	100		ug/L	359133	1	7/1/2023 1:18 AM
Xylenes, Total	BRL	1.0		ug/L	359133	1	7/1/2023 1:18 AM
Surr: 4-Bromofluorobenzene	90.0	70-126		%REC	359133	1	7/1/2023 1:18 AM
Surr: Dibromofluoromethane	95.3	77-121		%REC	359133	1	7/1/2023 1:18 AM
Surr: Toluene-d8	94.4	78.6-119		%REC	359133	1	7/1/2023 1:18 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 MW-25

Project: Quick Pantry # 19

Collection Date: 6/22/2023 12:50:00 PM

Lab ID: 2306V46-022

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	220	10		ug/L	359136	10	7/1/2023 11:06 PM
Toluene	99	1.0		ug/L	359136	1	7/1/2023 10:41 PM
Ethylbenzene	37	1.0		ug/L	359136	1	7/1/2023 10:41 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/1/2023 10:41 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 10:41 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 10:41 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 10:41 PM
Ethanol	BRL	100		ug/L	359136	1	7/1/2023 10:41 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 10:41 PM
Isopropyl ether	51	10		ug/L	359136	1	7/1/2023 10:41 PM
Naphthalene	BRL	5.0		ug/L	359136	1	7/1/2023 10:41 PM
tert-Amyl alcohol	130	100		ug/L	359136	1	7/1/2023 10:41 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/1/2023 10:41 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 10:41 PM
Xylenes, Total	150	1.0		ug/L	359136	1	7/1/2023 10:41 PM
Surr: 4-Bromofluorobenzene	91.8	70-126		%REC	359136	10	7/1/2023 11:06 PM
Surr: 4-Bromofluorobenzene	90.9	70-126		%REC	359136	1	7/1/2023 10:41 PM
Surr: Dibromofluoromethane	96.6	77-121		%REC	359136	10	7/1/2023 11:06 PM
Surr: Dibromofluoromethane	92.4	77-121		%REC	359136	1	7/1/2023 10:41 PM
Surr: Toluene-d8	91.8	78.6-119		%REC	359136	1	7/1/2023 10:41 PM
Surr: Toluene-d8	94.6	78.6-119		%REC	359136	10	7/1/2023 11:06 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 RW-1

Project: Quick Pantry # 19

Collection Date: 6/21/2023 1:20:00 PM

Lab ID: 2306V46-023

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	13000	100		ug/L	359123	100	7/2/2023 2:47 AM
Toluene	32000	500		ug/L	359123	500	7/2/2023 3:12 AM
Ethylbenzene	1800	100		ug/L	359123	100	7/2/2023 2:47 AM
Methyl tert-butyl ether	2400	100		ug/L	359123	100	7/2/2023 2:47 AM
1,2-Dichloroethane	BRL	100		ug/L	359123	100	7/2/2023 2:47 AM
tert-Butyl Alcohol	BRL	10000		ug/L	359123	100	7/2/2023 2:47 AM
3,3-Dimethyl-1-butanol	BRL	10000		ug/L	359123	100	7/2/2023 2:47 AM
Ethanol	BRL	10000		ug/L	359123	100	7/2/2023 2:47 AM
Ethyl tert-butyl ether	BRL	1000		ug/L	359123	100	7/2/2023 2:47 AM
Isopropyl ether	4000	1000		ug/L	359123	100	7/2/2023 2:47 AM
Naphthalene	690	500		ug/L	359123	100	7/2/2023 2:47 AM
tert-Amyl alcohol	65000	10000		ug/L	359123	100	7/2/2023 2:47 AM
tert-Amyl methyl ether	BRL	1000		ug/L	359123	100	7/2/2023 2:47 AM
tert-Butyl formate	BRL	10000		ug/L	359123	100	7/2/2023 2:47 AM
Xylenes, Total	18000	100		ug/L	359123	100	7/2/2023 2:47 AM
Surr: 4-Bromofluorobenzene	90.9	70-126		%REC	359123	500	7/2/2023 3:12 AM
Surr: 4-Bromofluorobenzene	90.3	70-126		%REC	359123	100	7/2/2023 2:47 AM
Surr: Dibromofluoromethane	90.3	77-121		%REC	359123	100	7/2/2023 2:47 AM
Surr: Dibromofluoromethane	93.8	77-121		%REC	359123	500	7/2/2023 3:12 AM
Surr: Toluene-d8	92.2	78.6-119		%REC	359123	500	7/2/2023 3:12 AM
Surr: Toluene-d8	89.6	78.6-119		%REC	359123	100	7/2/2023 2:47 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 RW-2

Project: Quick Pantry # 19

Collection Date: 6/21/2023 1:35:00 PM

Lab ID: 2306V46-024

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	190000	5000		ug/L	359123	5000	7/3/2023 2:24 AM
Toluene	950000	5000		ug/L	359123	5000	7/3/2023 2:24 AM
Ethylbenzene	110000	5000		ug/L	359123	5000	7/3/2023 2:24 AM
Methyl tert-butyl ether	7300	5000		ug/L	359123	5000	7/3/2023 2:24 AM
1,2-Dichloroethane	BRL	5000		ug/L	359123	5000	7/3/2023 2:24 AM
tert-Butyl Alcohol	BRL	500000		ug/L	359123	5000	7/3/2023 2:24 AM
3,3-Dimethyl-1-butanol	BRL	500000		ug/L	359123	5000	7/3/2023 2:24 AM
Ethanol	4500000000	200000000		ug/L	359123	2E+06	7/3/2023 7:12 PM
Ethyl tert-butyl ether	BRL	50000		ug/L	359123	5000	7/3/2023 2:24 AM
Isopropyl ether	BRL	50000		ug/L	359123	5000	7/3/2023 2:24 AM
Naphthalene	51000	25000		ug/L	359123	5000	7/3/2023 2:24 AM
tert-Amyl alcohol	BRL	500000		ug/L	359123	5000	7/3/2023 2:24 AM
tert-Amyl methyl ether	BRL	50000		ug/L	359123	5000	7/3/2023 2:24 AM
tert-Butyl formate	BRL	500000		ug/L	359123	5000	7/3/2023 2:24 AM
Xylenes, Total	540000	5000		ug/L	359123	5000	7/3/2023 2:24 AM
Surr: 4-Bromofluorobenzene	91.0	70-126		%REC	359123	2E+06	7/3/2023 7:12 PM
Surr: 4-Bromofluorobenzene	90.3	70-126		%REC	359123	5000	7/3/2023 2:24 AM
Surr: Dibromofluoromethane	91.0	77-121		%REC	359123	5000	7/3/2023 2:24 AM
Surr: Dibromofluoromethane	95.1	77-121		%REC	359123	2E+06	7/3/2023 7:12 PM
Surr: Toluene-d8	93.3	78.6-119		%REC	359123	2E+06	7/3/2023 7:12 PM
Surr: Toluene-d8	89.6	78.6-119		%REC	359123	5000	7/3/2023 2:24 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 RW-3

Project: Quick Pantry # 19

Collection Date: 6/21/2023 2:20:00 PM

Lab ID: 2306V46-025

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 9:50 PM
Surr: 4-Bromofluorobenzene	87.7	69.7-138		%REC	358882	1	6/28/2023 9:50 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	11000	500		ug/L	359123	500	7/2/2023 4:01 AM
Toluene	23000	500		ug/L	359123	500	7/2/2023 4:01 AM
Ethylbenzene	1600	50		ug/L	359123	50	7/2/2023 3:36 AM
Methyl tert-butyl ether	1800	50		ug/L	359123	50	7/2/2023 3:36 AM
1,2-Dichloroethane	BRL	50		ug/L	359123	50	7/2/2023 3:36 AM
tert-Butyl Alcohol	9000	5000		ug/L	359123	50	7/2/2023 3:36 AM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	359123	50	7/2/2023 3:36 AM
Ethanol	BRL	5000		ug/L	359123	50	7/2/2023 3:36 AM
Ethyl tert-butyl ether	BRL	500		ug/L	359123	50	7/2/2023 3:36 AM
Isopropyl ether	4500	500		ug/L	359123	50	7/2/2023 3:36 AM
Naphthalene	600	250		ug/L	359123	50	7/2/2023 3:36 AM
tert-Amyl alcohol	120000	5000		ug/L	359123	50	7/2/2023 3:36 AM
tert-Amyl methyl ether	BRL	500		ug/L	359123	50	7/2/2023 3:36 AM
tert-Butyl formate	BRL	5000		ug/L	359123	50	7/2/2023 3:36 AM
Xylenes, Total	13000	50		ug/L	359123	50	7/2/2023 3:36 AM
Surr: 4-Bromofluorobenzene	91.0	70-126		%REC	359123	50	7/2/2023 3:36 AM
Surr: 4-Bromofluorobenzene	91.4	70-126		%REC	359123	500	7/2/2023 4:01 AM
Surr: Dibromofluoromethane	91.3	77-121		%REC	359123	500	7/2/2023 4:01 AM
Surr: Dibromofluoromethane	89.9	77-121		%REC	359123	50	7/2/2023 3:36 AM
Surr: Toluene-d8	89.1	78.6-119		%REC	359123	50	7/2/2023 3:36 AM
Surr: Toluene-d8	90.0	78.6-119		%REC	359123	500	7/2/2023 4:01 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 DW-1

Project: Quick Pantry # 19

Collection Date: 6/21/2023 1:05:00 PM

Lab ID: 2306V46-026

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359136	1	7/1/2023 6:12 PM
Toluene	BRL	1.0		ug/L	359136	1	7/1/2023 6:12 PM
Ethylbenzene	BRL	1.0		ug/L	359136	1	7/1/2023 6:12 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/1/2023 6:12 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 6:12 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 6:12 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 6:12 PM
Ethanol	BRL	100		ug/L	359136	1	7/1/2023 6:12 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 6:12 PM
Isopropyl ether	BRL	10		ug/L	359136	1	7/1/2023 6:12 PM
Naphthalene	BRL	5.0		ug/L	359136	1	7/1/2023 6:12 PM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/1/2023 6:12 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/1/2023 6:12 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 6:12 PM
Xylenes, Total	BRL	1.0		ug/L	359136	1	7/1/2023 6:12 PM
Surr: 4-Bromofluorobenzene	91.9	70-126		%REC	359136	1	7/1/2023 6:12 PM
Surr: Dibromofluoromethane	95.7	77-121		%REC	359136	1	7/1/2023 6:12 PM
Surr: Toluene-d8	94.2	78.6-119		%REC	359136	1	7/1/2023 6:12 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2306V46-027

Client Sample ID: #04785 DW-2
Collection Date: 6/21/2023 4:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359136	1	7/1/2023 6:36 PM
Toluene	BRL	1.0		ug/L	359136	1	7/1/2023 6:36 PM
Ethylbenzene	BRL	1.0		ug/L	359136	1	7/1/2023 6:36 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/1/2023 6:36 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 6:36 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 6:36 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 6:36 PM
Ethanol	BRL	100		ug/L	359136	1	7/1/2023 6:36 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 6:36 PM
Isopropyl ether	BRL	10		ug/L	359136	1	7/1/2023 6:36 PM
Naphthalene	BRL	5.0		ug/L	359136	1	7/1/2023 6:36 PM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/1/2023 6:36 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/1/2023 6:36 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 6:36 PM
Xylenes, Total	BRL	1.0		ug/L	359136	1	7/1/2023 6:36 PM
Surr: 4-Bromofluorobenzene	91.9	70-126		%REC	359136	1	7/1/2023 6:36 PM
Surr: Dibromofluoromethane	95.9	77-121		%REC	359136	1	7/1/2023 6:36 PM
Surr: Toluene-d8	94.1	78.6-119		%REC	359136	1	7/1/2023 6:36 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 DW-3

Project: Quick Pantry # 19

Collection Date: 6/21/2023 3:40:00 PM

Lab ID: 2306V46-028

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359136	1	7/1/2023 7:01 PM
Toluene	BRL	1.0		ug/L	359136	1	7/1/2023 7:01 PM
Ethylbenzene	BRL	1.0		ug/L	359136	1	7/1/2023 7:01 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/1/2023 7:01 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 7:01 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 7:01 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 7:01 PM
Ethanol	BRL	100		ug/L	359136	1	7/1/2023 7:01 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 7:01 PM
Isopropyl ether	BRL	10		ug/L	359136	1	7/1/2023 7:01 PM
Naphthalene	BRL	5.0		ug/L	359136	1	7/1/2023 7:01 PM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/1/2023 7:01 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/1/2023 7:01 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 7:01 PM
Xylenes, Total	BRL	1.0		ug/L	359136	1	7/1/2023 7:01 PM
Surr: 4-Bromofluorobenzene	91.5	70-126		%REC	359136	1	7/1/2023 7:01 PM
Surr: Dibromofluoromethane	96.3	77-121		%REC	359136	1	7/1/2023 7:01 PM
Surr: Toluene-d8	94.0	78.6-119		%REC	359136	1	7/1/2023 7:01 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 DW-4

Project: Quick Pantry # 19

Collection Date: 6/22/2023 11:05:00 AM

Lab ID: 2306V46-029

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359136	1	7/1/2023 7:26 PM
Toluene	BRL	1.0		ug/L	359136	1	7/1/2023 7:26 PM
Ethylbenzene	BRL	1.0		ug/L	359136	1	7/1/2023 7:26 PM
Methyl tert-butyl ether	27	1.0		ug/L	359136	1	7/1/2023 7:26 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 7:26 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 7:26 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 7:26 PM
Ethanol	BRL	100		ug/L	359136	1	7/1/2023 7:26 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 7:26 PM
Isopropyl ether	210	10		ug/L	359136	1	7/1/2023 7:26 PM
Naphthalene	BRL	5.0		ug/L	359136	1	7/1/2023 7:26 PM
tert-Amyl alcohol	250	100		ug/L	359136	1	7/1/2023 7:26 PM
tert-Amyl methyl ether	12	10		ug/L	359136	1	7/1/2023 7:26 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 7:26 PM
Xylenes, Total	BRL	1.0		ug/L	359136	1	7/1/2023 7:26 PM
Surr: 4-Bromofluorobenzene	91.6	70-126		%REC	359136	1	7/1/2023 7:26 PM
Surr: Dibromofluoromethane	95.2	77-121		%REC	359136	1	7/1/2023 7:26 PM
Surr: Toluene-d8	93.0	78.6-119		%REC	359136	1	7/1/2023 7:26 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 SW-1

Project: Quick Pantry # 19

Collection Date: 6/22/2023 12:20:00 PM

Lab ID: 2306V46-030

Matrix: SURFACE WATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359136	1	7/1/2023 7:50 PM
Toluene	BRL	1.0		ug/L	359136	1	7/1/2023 7:50 PM
Ethylbenzene	BRL	1.0		ug/L	359136	1	7/1/2023 7:50 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/1/2023 7:50 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 7:50 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 7:50 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 7:50 PM
Ethanol	BRL	100		ug/L	359136	1	7/1/2023 7:50 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 7:50 PM
Isopropyl ether	BRL	10		ug/L	359136	1	7/1/2023 7:50 PM
Naphthalene	BRL	5.0		ug/L	359136	1	7/1/2023 7:50 PM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/1/2023 7:50 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/1/2023 7:50 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 7:50 PM
Xylenes, Total	BRL	1.0		ug/L	359136	1	7/1/2023 7:50 PM
Surr: 4-Bromofluorobenzene	91.7	70-126		%REC	359136	1	7/1/2023 7:50 PM
Surr: Dibromofluoromethane	96.6	77-121		%REC	359136	1	7/1/2023 7:50 PM
Surr: Toluene-d8	95.1	78.6-119		%REC	359136	1	7/1/2023 7:50 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 SW-2

Project: Quick Pantry # 19

Collection Date: 6/22/2023 9:00:00 AM

Lab ID: 2306V46-031

Matrix: SURFACE WATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	39	1.0		ug/L	359136	1	7/1/2023 11:30 PM
Toluene	49	1.0		ug/L	359136	1	7/1/2023 11:30 PM
Ethylbenzene	5.1	1.0		ug/L	359136	1	7/1/2023 11:30 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/1/2023 11:30 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 11:30 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 11:30 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 11:30 PM
Ethanol	170	100		ug/L	359136	1	7/1/2023 11:30 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 11:30 PM
Isopropyl ether	10	10		ug/L	359136	1	7/1/2023 11:30 PM
Naphthalene	BRL	5.0		ug/L	359136	1	7/1/2023 11:30 PM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/1/2023 11:30 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/1/2023 11:30 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 11:30 PM
Xylenes, Total	25	1.0		ug/L	359136	1	7/1/2023 11:30 PM
Surr: 4-Bromofluorobenzene	91.2	70-126		%REC	359136	1	7/1/2023 11:30 PM
Surr: Dibromofluoromethane	92.9	77-121		%REC	359136	1	7/1/2023 11:30 PM
Surr: Toluene-d8	92.1	78.6-119		%REC	359136	1	7/1/2023 11:30 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 SW-3

Project: Quick Pantry # 19

Collection Date: 6/22/2023 9:45:00 AM

Lab ID: 2306V46-032

Matrix: SURFACE WATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	22	1.0		ug/L	359136	1	7/2/2023 12:19 AM
Toluene	35	1.0		ug/L	359136	1	7/2/2023 12:19 AM
Ethylbenzene	5.4	1.0		ug/L	359136	1	7/2/2023 12:19 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/2/2023 12:19 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/2/2023 12:19 AM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/2/2023 12:19 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/2/2023 12:19 AM
Ethanol	BRL	100		ug/L	359136	1	7/2/2023 12:19 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/2/2023 12:19 AM
Isopropyl ether	BRL	10		ug/L	359136	1	7/2/2023 12:19 AM
Naphthalene	BRL	5.0		ug/L	359136	1	7/2/2023 12:19 AM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/2/2023 12:19 AM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/2/2023 12:19 AM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/2/2023 12:19 AM
Xylenes, Total	32	1.0		ug/L	359136	1	7/2/2023 12:19 AM
Surr: 4-Bromofluorobenzene	91.4	70-126		%REC	359136	1	7/2/2023 12:19 AM
Surr: Dibromofluoromethane	95.2	77-121		%REC	359136	1	7/2/2023 12:19 AM
Surr: Toluene-d8	93.3	78.6-119		%REC	359136	1	7/2/2023 12:19 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 SW-4

Project: Quick Pantry # 19

Collection Date: 6/22/2023 10:00:00 AM

Lab ID: 2306V46-033

Matrix: SURFACE WATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	13	1.0		ug/L	359136	1	7/2/2023 1:08 AM
Toluene	20	1.0		ug/L	359136	1	7/2/2023 1:08 AM
Ethylbenzene	3.3	1.0		ug/L	359136	1	7/2/2023 1:08 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/2/2023 1:08 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/2/2023 1:08 AM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/2/2023 1:08 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/2/2023 1:08 AM
Ethanol	130	100		ug/L	359136	1	7/2/2023 1:08 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/2/2023 1:08 AM
Isopropyl ether	BRL	10		ug/L	359136	1	7/2/2023 1:08 AM
Naphthalene	BRL	5.0		ug/L	359136	1	7/2/2023 1:08 AM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/2/2023 1:08 AM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/2/2023 1:08 AM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/2/2023 1:08 AM
Xylenes, Total	20	1.0		ug/L	359136	1	7/2/2023 1:08 AM
Surr: 4-Bromofluorobenzene	91.3	70-126		%REC	359136	1	7/2/2023 1:08 AM
Surr: Dibromofluoromethane	94.2	77-121		%REC	359136	1	7/2/2023 1:08 AM
Surr: Toluene-d8	91.3	78.6-119		%REC	359136	1	7/2/2023 1:08 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 SW-5

Project: Quick Pantry # 19

Collection Date: 6/22/2023 11:35:00 AM

Lab ID: 2306V46-034

Matrix: SURFACE WATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	5.4	1.0		ug/L	359136	1	7/1/2023 8:15 PM
Toluene	19	1.0		ug/L	359136	1	7/1/2023 8:15 PM
Ethylbenzene	2.7	1.0		ug/L	359136	1	7/1/2023 8:15 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/1/2023 8:15 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 8:15 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 8:15 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 8:15 PM
Ethanol	470	100		ug/L	359136	1	7/1/2023 8:15 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 8:15 PM
Isopropyl ether	BRL	10		ug/L	359136	1	7/1/2023 8:15 PM
Naphthalene	BRL	5.0		ug/L	359136	1	7/1/2023 8:15 PM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/1/2023 8:15 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/1/2023 8:15 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 8:15 PM
Xylenes, Total	23	1.0		ug/L	359136	1	7/1/2023 8:15 PM
Surr: 4-Bromofluorobenzene	91.5	70-126		%REC	359136	1	7/1/2023 8:15 PM
Surr: Dibromofluoromethane	96.3	77-121		%REC	359136	1	7/1/2023 8:15 PM
Surr: Toluene-d8	94.2	78.6-119		%REC	359136	1	7/1/2023 8:15 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 SW-6

Project: Quick Pantry # 19

Collection Date: 6/22/2023 11:50:00 AM

Lab ID: 2306V46-035

Matrix: SURFACE WATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	1.1	1.0		ug/L	359136	1	7/1/2023 8:39 PM
Toluene	4.0	1.0		ug/L	359136	1	7/1/2023 8:39 PM
Ethylbenzene	BRL	1.0		ug/L	359136	1	7/1/2023 8:39 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359136	1	7/1/2023 8:39 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 8:39 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 8:39 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 8:39 PM
Ethanol	BRL	100		ug/L	359136	1	7/1/2023 8:39 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 8:39 PM
Isopropyl ether	BRL	10		ug/L	359136	1	7/1/2023 8:39 PM
Naphthalene	BRL	5.0		ug/L	359136	1	7/1/2023 8:39 PM
tert-Amyl alcohol	BRL	100		ug/L	359136	1	7/1/2023 8:39 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/1/2023 8:39 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 8:39 PM
Xylenes, Total	6.9	1.0		ug/L	359136	1	7/1/2023 8:39 PM
Surr: 4-Bromofluorobenzene	91.4	70-126		%REC	359136	1	7/1/2023 8:39 PM
Surr: Dibromofluoromethane	95.7	77-121		%REC	359136	1	7/1/2023 8:39 PM
Surr: Toluene-d8	93.7	78.6-119		%REC	359136	1	7/1/2023 8:39 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2306V46-036

Client Sample ID: #04785 TRENCH-1
Collection Date: 6/22/2023 9:30:00 AM
Matrix: SURFACE WATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	17	1.0		ug/L	359136	1	7/1/2023 9:03 PM
Toluene	25	1.0		ug/L	359136	1	7/1/2023 9:03 PM
Ethylbenzene	1.7	1.0		ug/L	359136	1	7/1/2023 9:03 PM
Methyl tert-butyl ether	1.8	1.0		ug/L	359136	1	7/1/2023 9:03 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/1/2023 9:03 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/1/2023 9:03 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/1/2023 9:03 PM
Ethanol	BRL	100		ug/L	359136	1	7/1/2023 9:03 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/1/2023 9:03 PM
Isopropyl ether	66	10		ug/L	359136	1	7/1/2023 9:03 PM
Naphthalene	8.1	5.0		ug/L	359136	1	7/1/2023 9:03 PM
tert-Amyl alcohol	220	100		ug/L	359136	1	7/1/2023 9:03 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/1/2023 9:03 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/1/2023 9:03 PM
Xylenes, Total	290	1.0		ug/L	359136	1	7/1/2023 9:03 PM
Surr: 4-Bromofluorobenzene	91.4	70-126		%REC	359136	1	7/1/2023 9:03 PM
Surr: Dibromofluoromethane	93.8	77-121		%REC	359136	1	7/1/2023 9:03 PM
Surr: Toluene-d8	92.6	78.6-119		%REC	359136	1	7/1/2023 9:03 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 TRENCH-2

Project: Quick Pantry # 19

Collection Date: 6/22/2023 9:15:00 AM

Lab ID: 2306V46-037

Matrix: SURFACE WATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: OMA
Benzene	180	1.0		ug/L	359136	1	7/5/2023 5:51 PM
Toluene	300	10		ug/L	359136	10	7/5/2023 6:13 PM
Ethylbenzene	3.9	1.0		ug/L	359136	1	7/5/2023 5:51 PM
Methyl tert-butyl ether	2.0	1.0		ug/L	359136	1	7/5/2023 5:51 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359136	1	7/5/2023 5:51 PM
tert-Butyl Alcohol	BRL	100		ug/L	359136	1	7/5/2023 5:51 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359136	1	7/5/2023 5:51 PM
Ethanol	BRL	100		ug/L	359136	1	7/5/2023 5:51 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359136	1	7/5/2023 5:51 PM
Isopropyl ether	120	10		ug/L	359136	1	7/5/2023 5:51 PM
Naphthalene	7.2	5.0		ug/L	359136	1	7/5/2023 5:51 PM
tert-Amyl alcohol	400	100		ug/L	359136	1	7/5/2023 5:51 PM
tert-Amyl methyl ether	BRL	10		ug/L	359136	1	7/5/2023 5:51 PM
tert-Butyl formate	BRL	100		ug/L	359136	1	7/5/2023 5:51 PM
Xylenes, Total	340	1.0		ug/L	359136	1	7/5/2023 5:51 PM
Surr: 4-Bromofluorobenzene	103	70-126		%REC	359136	10	7/5/2023 6:13 PM
Surr: 4-Bromofluorobenzene	103	70-126		%REC	359136	1	7/5/2023 5:51 PM
Surr: Dibromofluoromethane	99.5	77-121		%REC	359136	1	7/5/2023 5:51 PM
Surr: Dibromofluoromethane	99.8	77-121		%REC	359136	10	7/5/2023 6:13 PM
Surr: Toluene-d8	102	78.6-119		%REC	359136	10	7/5/2023 6:13 PM
Surr: Toluene-d8	102	78.6-119		%REC	359136	1	7/5/2023 5:51 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 DUP-1

Project: Quick Pantry # 19

Collection Date: 6/21/2023 3:10:00 PM

Lab ID: 2306V46-038

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	3500	50		ug/L	359123	50	7/2/2023 1:58 AM
Toluene	4100	50		ug/L	359123	50	7/2/2023 1:58 AM
Ethylbenzene	560	50		ug/L	359123	50	7/2/2023 1:58 AM
Methyl tert-butyl ether	BRL	50		ug/L	359123	50	7/2/2023 1:58 AM
1,2-Dichloroethane	BRL	50		ug/L	359123	50	7/2/2023 1:58 AM
tert-Butyl Alcohol	BRL	5000		ug/L	359123	50	7/2/2023 1:58 AM
3,3-Dimethyl-1-butanol	BRL	5000		ug/L	359123	50	7/2/2023 1:58 AM
Ethanol	BRL	5000		ug/L	359123	50	7/2/2023 1:58 AM
Ethyl tert-butyl ether	BRL	500		ug/L	359123	50	7/2/2023 1:58 AM
Isopropyl ether	BRL	500		ug/L	359123	50	7/2/2023 1:58 AM
Naphthalene	BRL	250		ug/L	359123	50	7/2/2023 1:58 AM
tert-Amyl alcohol	BRL	5000		ug/L	359123	50	7/2/2023 1:58 AM
tert-Amyl methyl ether	BRL	500		ug/L	359123	50	7/2/2023 1:58 AM
tert-Butyl formate	BRL	5000		ug/L	359123	50	7/2/2023 1:58 AM
Xylenes, Total	5300	50		ug/L	359123	50	7/2/2023 1:58 AM
Surr: 4-Bromofluorobenzene	91.3	70-126		%REC	359123	50	7/2/2023 1:58 AM
Surr: Dibromofluoromethane	92.0	77-121		%REC	359123	50	7/2/2023 1:58 AM
Surr: Toluene-d8	89.6	78.6-119		%REC	359123	50	7/2/2023 1:58 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 DUP-2

Project: Quick Pantry # 19

Collection Date: 6/21/2023 3:25:00 PM

Lab ID: 2306V46-039

Matrix: GROUNDWATER

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	200	1.0		ug/L	359123	1	7/4/2023 3:11 AM
Toluene	320	50		ug/L	359123	50	7/2/2023 2:22 AM
Ethylbenzene	91	1.0		ug/L	359123	1	7/4/2023 3:11 AM
Methyl tert-butyl ether	9.2	1.0		ug/L	359123	1	7/4/2023 3:11 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359123	1	7/4/2023 3:11 AM
tert-Butyl Alcohol	BRL	100		ug/L	359123	1	7/4/2023 3:11 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359123	1	7/4/2023 3:11 AM
Ethanol	BRL	100		ug/L	359123	1	7/4/2023 3:11 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359123	1	7/4/2023 3:11 AM
Isopropyl ether	58	10		ug/L	359123	1	7/4/2023 3:11 AM
Naphthalene	37	5.0		ug/L	359123	1	7/4/2023 3:11 AM
tert-Amyl alcohol	470	100		ug/L	359123	1	7/4/2023 3:11 AM
tert-Amyl methyl ether	BRL	10		ug/L	359123	1	7/4/2023 3:11 AM
tert-Butyl formate	BRL	100		ug/L	359123	1	7/4/2023 3:11 AM
Xylenes, Total	590	50		ug/L	359123	50	7/2/2023 2:22 AM
Surr: 4-Bromofluorobenzene	91.9	70-126		%REC	359123	1	7/4/2023 3:11 AM
Surr: 4-Bromofluorobenzene	91.8	70-126		%REC	359123	50	7/2/2023 2:22 AM
Surr: Dibromofluoromethane	90.2	77-121		%REC	359123	1	7/4/2023 3:11 AM
Surr: Dibromofluoromethane	94.9	77-121		%REC	359123	50	7/2/2023 2:22 AM
Surr: Toluene-d8	89.9	78.6-119		%REC	359123	1	7/4/2023 3:11 AM
Surr: Toluene-d8	93.0	78.6-119		%REC	359123	50	7/2/2023 2:22 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 EQ. BLANK-1

Project: Quick Pantry # 19

Collection Date: 6/21/2023 4:30:00 PM

Lab ID: 2306V46-040

Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 10:24 PM
Surr: 4-Bromofluorobenzene	96.2	69.7-138		%REC	358882	1	6/28/2023 10:24 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359123	1	7/3/2023 11:21 AM
Toluene	BRL	1.0		ug/L	359123	1	7/3/2023 11:21 AM
Ethylbenzene	BRL	1.0		ug/L	359123	1	7/3/2023 11:21 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359123	1	7/3/2023 11:21 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359123	1	7/3/2023 11:21 AM
tert-Butyl Alcohol	BRL	100		ug/L	359123	1	7/3/2023 11:21 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359123	1	7/3/2023 11:21 AM
Ethanol	BRL	100		ug/L	359123	1	7/3/2023 11:21 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359123	1	7/3/2023 11:21 AM
Isopropyl ether	BRL	10		ug/L	359123	1	7/3/2023 11:21 AM
Naphthalene	BRL	5.0		ug/L	359123	1	7/3/2023 11:21 AM
tert-Amyl alcohol	BRL	100		ug/L	359123	1	7/3/2023 11:21 AM
tert-Amyl methyl ether	BRL	10		ug/L	359123	1	7/3/2023 11:21 AM
tert-Butyl formate	BRL	100		ug/L	359123	1	7/3/2023 11:21 AM
Xylenes, Total	BRL	1.0		ug/L	359123	1	7/3/2023 11:21 AM
Surr: 4-Bromofluorobenzene	92.3	70-126		%REC	359123	1	7/3/2023 11:21 AM
Surr: Dibromofluoromethane	97.0	77-121		%REC	359123	1	7/3/2023 11:21 AM
Surr: Toluene-d8	95.1	78.6-119		%REC	359123	1	7/3/2023 11:21 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC
Project: Quick Pantry # 19
Lab ID: 2306V46-041

Client Sample ID: #04785 EQ. BLANK-2
Collection Date: 6/22/2023 1:50:00 PM
Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 10:41 PM
Surr: 4-Bromofluorobenzene	98.7	69.7-138		%REC	358882	1	6/28/2023 10:41 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359123	1	7/3/2023 11:45 AM
Toluene	BRL	1.0		ug/L	359123	1	7/3/2023 11:45 AM
Ethylbenzene	BRL	1.0		ug/L	359123	1	7/3/2023 11:45 AM
Methyl tert-butyl ether	BRL	1.0		ug/L	359123	1	7/3/2023 11:45 AM
1,2-Dichloroethane	BRL	1.0		ug/L	359123	1	7/3/2023 11:45 AM
tert-Butyl Alcohol	BRL	100		ug/L	359123	1	7/3/2023 11:45 AM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359123	1	7/3/2023 11:45 AM
Ethanol	BRL	100		ug/L	359123	1	7/3/2023 11:45 AM
Ethyl tert-butyl ether	BRL	10		ug/L	359123	1	7/3/2023 11:45 AM
Isopropyl ether	BRL	10		ug/L	359123	1	7/3/2023 11:45 AM
Naphthalene	BRL	5.0		ug/L	359123	1	7/3/2023 11:45 AM
tert-Amyl alcohol	BRL	100		ug/L	359123	1	7/3/2023 11:45 AM
tert-Amyl methyl ether	BRL	10		ug/L	359123	1	7/3/2023 11:45 AM
tert-Butyl formate	BRL	100		ug/L	359123	1	7/3/2023 11:45 AM
Xylenes, Total	BRL	1.0		ug/L	359123	1	7/3/2023 11:45 AM
Surr: 4-Bromofluorobenzene	92.4	70-126		%REC	359123	1	7/3/2023 11:45 AM
Surr: Dibromofluoromethane	97.2	77-121		%REC	359123	1	7/3/2023 11:45 AM
Surr: Toluene-d8	95.4	78.6-119		%REC	359123	1	7/3/2023 11:45 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 FIELD BLANK -1

Project: Quick Pantry # 19

Collection Date: 6/21/2023 4:35:00 PM

Lab ID: 2306V46-042

Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 10:58 PM
Surr: 4-Bromofluorobenzene	97.7	69.7-138		%REC	358882	1	6/28/2023 10:58 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359123	1	7/3/2023 12:10 PM
Toluene	BRL	1.0		ug/L	359123	1	7/3/2023 12:10 PM
Ethylbenzene	BRL	1.0		ug/L	359123	1	7/3/2023 12:10 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359123	1	7/3/2023 12:10 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359123	1	7/3/2023 12:10 PM
tert-Butyl Alcohol	BRL	100		ug/L	359123	1	7/3/2023 12:10 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359123	1	7/3/2023 12:10 PM
Ethanol	BRL	100		ug/L	359123	1	7/3/2023 12:10 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359123	1	7/3/2023 12:10 PM
Isopropyl ether	BRL	10		ug/L	359123	1	7/3/2023 12:10 PM
Naphthalene	BRL	5.0		ug/L	359123	1	7/3/2023 12:10 PM
tert-Amyl alcohol	BRL	100		ug/L	359123	1	7/3/2023 12:10 PM
tert-Amyl methyl ether	BRL	10		ug/L	359123	1	7/3/2023 12:10 PM
tert-Butyl formate	BRL	100		ug/L	359123	1	7/3/2023 12:10 PM
Xylenes, Total	BRL	1.0		ug/L	359123	1	7/3/2023 12:10 PM
Surr: 4-Bromofluorobenzene	91.6	70-126		%REC	359123	1	7/3/2023 12:10 PM
Surr: Dibromofluoromethane	96.0	77-121		%REC	359123	1	7/3/2023 12:10 PM
Surr: Toluene-d8	94.2	78.6-119		%REC	359123	1	7/3/2023 12:10 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: #04785 FIELD BLANK-2

Project: Quick Pantry # 19

Collection Date: 6/22/2023 1:55:00 PM

Lab ID: 2306V46-043

Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011					(SW8011)		Analyst: TBE
1,2-Dibromoethane	BRL	0.020		ug/L	358882	1	6/28/2023 11:15 PM
Surr: 4-Bromofluorobenzene	92.0	69.7-138		%REC	358882	1	6/28/2023 11:15 PM
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359123	1	7/3/2023 12:34 PM
Toluene	BRL	1.0		ug/L	359123	1	7/3/2023 12:34 PM
Ethylbenzene	BRL	1.0		ug/L	359123	1	7/3/2023 12:34 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359123	1	7/3/2023 12:34 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359123	1	7/3/2023 12:34 PM
tert-Butyl Alcohol	BRL	100		ug/L	359123	1	7/3/2023 12:34 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359123	1	7/3/2023 12:34 PM
Ethanol	BRL	100		ug/L	359123	1	7/3/2023 12:34 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359123	1	7/3/2023 12:34 PM
Isopropyl ether	BRL	10		ug/L	359123	1	7/3/2023 12:34 PM
Naphthalene	BRL	5.0		ug/L	359123	1	7/3/2023 12:34 PM
tert-Amyl alcohol	BRL	100		ug/L	359123	1	7/3/2023 12:34 PM
tert-Amyl methyl ether	BRL	10		ug/L	359123	1	7/3/2023 12:34 PM
tert-Butyl formate	BRL	100		ug/L	359123	1	7/3/2023 12:34 PM
Xylenes, Total	BRL	1.0		ug/L	359123	1	7/3/2023 12:34 PM
Surr: 4-Bromofluorobenzene	92.0	70-126		%REC	359123	1	7/3/2023 12:34 PM
Surr: Dibromofluoromethane	96.3	77-121		%REC	359123	1	7/3/2023 12:34 PM
Surr: Toluene-d8	94.5	78.6-119		%REC	359123	1	7/3/2023 12:34 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

Analytical Environmental Services, Inc.

Date: 11-Jul-23

CLIENT: KLM Environmental, LLC

Client Sample ID: TRIP BLANK

Project: Quick Pantry # 19

Collection Date: 6/21/2023

Lab ID: 2306V46-044

Matrix: AQUEOUS

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS SW8260D					(SW5030B)		Analyst: AVA
Benzene	BRL	1.0		ug/L	359123	1	7/3/2023 12:59 PM
Toluene	BRL	1.0		ug/L	359123	1	7/3/2023 12:59 PM
Ethylbenzene	BRL	1.0		ug/L	359123	1	7/3/2023 12:59 PM
Methyl tert-butyl ether	BRL	1.0		ug/L	359123	1	7/3/2023 12:59 PM
1,2-Dichloroethane	BRL	1.0		ug/L	359123	1	7/3/2023 12:59 PM
tert-Butyl Alcohol	BRL	100		ug/L	359123	1	7/3/2023 12:59 PM
3,3-Dimethyl-1-butanol	BRL	100		ug/L	359123	1	7/3/2023 12:59 PM
Ethanol	BRL	100		ug/L	359123	1	7/3/2023 12:59 PM
Ethyl tert-butyl ether	BRL	10		ug/L	359123	1	7/3/2023 12:59 PM
Isopropyl ether	BRL	10		ug/L	359123	1	7/3/2023 12:59 PM
Naphthalene	BRL	5.0		ug/L	359123	1	7/3/2023 12:59 PM
tert-Amyl alcohol	BRL	100		ug/L	359123	1	7/3/2023 12:59 PM
tert-Amyl methyl ether	BRL	10		ug/L	359123	1	7/3/2023 12:59 PM
tert-Butyl formate	BRL	100		ug/L	359123	1	7/3/2023 12:59 PM
Xylenes, Total	BRL	1.0		ug/L	359123	1	7/3/2023 12:59 PM
Surr: 4-Bromofluorobenzene	92.6	70-126		%REC	359123	1	7/3/2023 12:59 PM
Surr: Dibromofluoromethane	95.6	77-121		%REC	359123	1	7/3/2023 12:59 PM
Surr: Toluene-d8	94.2	78.6-119		%REC	359123	1	7/3/2023 12:59 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	E	Estimated (Value above quantitation range)
	BRL	Below Reporting Limit	S	Spike Recovery outside limits due to matrix
	H	Holding times for preparation or analysis exceeded	Narr	See Case Narrative
	N	Analyte not NELAC certified	NC	Not Confirmed
	B	Analyte detected in the associated Method Blank	<	Less than Result value
	>	Greater than Result value		

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: **KLM Environmental, LLC**

AES Work Order Number: **2306V46**

2. Carrier: FedEx UPS USPS Client Courier Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/>	
4. Custody seals present on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
5. Custody seals intact on shipping container?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
6. Temperature blanks present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Cooling initiated for recently collected samples / ice present <input type="checkbox"/>	
8. Chain of Custody (COC) present?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
9. Chain of Custody signed, dated, and timed when relinquished and received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
10. Sampler name and/or signature on COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
11. Were all samples received within holding time?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
12. TAT marked on the COC?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input checked="" type="checkbox"/>	

13. Cooler 1 Temperature 0.8 °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
 14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). DE 6/27/23

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
17. Custody seals present on sample containers?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		
18. Custody seals intact on sample containers?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
19. Do sample container labels match the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/>	
20. Are analyses requested indicated on the COC?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
21. Were all of the samples listed on the COC received?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/>	
22. Was the sample collection date/time noted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
23. Did we receive sufficient sample volume for indicated analyses?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
24. Were samples received in appropriate containers?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
25. Were VOA samples received without headspace (< 1/4" bubble)?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		#04785 MW-12 5/5 and RW-2 2-3/3 had headspace
26. Were trip blanks submitted?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	listed on COC <input checked="" type="checkbox"/> not listed on COC <input type="checkbox"/>	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). DE 6/27/23

This section only applies to samples where pH can be checked at Sample Receipt.

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
29. Containers meet preservation guidelines?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
30. Was pH adjusted at Sample Receipt?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

I certify that I have completed sections 28-30 (dated initials). DE 6/27/23

Locked

Client: KLM Environmental, LLC
 Project Name: Quick Pantry # 19
 Lab Order: 2306V46

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2306V46-001A	#04785 MW-1	6/21/2023 1:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-001A	#04785 MW-1	6/21/2023 1:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023
2306V46-002A	#04785 MW-2	6/21/2023 2:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-002A	#04785 MW-2	6/21/2023 2:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/05/2023
2306V46-003A	#04785 MW-3	6/21/2023 12:45:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/04/2023
2306V46-003B	#04785 MW-3	6/21/2023 12:45:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-004A	#04785 MW-4	6/21/2023 12:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-004A	#04785 MW-4	6/21/2023 12:30:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/05/2023
2306V46-004B	#04785 MW-4	6/21/2023 12:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-004B	#04785 MW-4	6/21/2023 12:30:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/29/2023
2306V46-005A	#04785 MW-5	6/21/2023 12:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-005A	#04785 MW-5	6/21/2023 12:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023
2306V46-005B	#04785 MW-5	6/21/2023 12:15:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-006A	#04785 MW-6	6/21/2023 12:00:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023
2306V46-007A	#04785 MW-7	6/21/2023 2:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-007A	#04785 MW-7	6/21/2023 2:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/05/2023
2306V46-007B	#04785 MW-7	6/21/2023 2:35:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-008A	#04785 MW-8	6/21/2023 2:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-008A	#04785 MW-8	6/21/2023 2:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/05/2023
2306V46-008B	#04785 MW-8	6/21/2023 2:50:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-009A	#04785 MW-9	6/21/2023 3:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023
2306V46-009A	#04785 MW-9	6/21/2023 3:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/05/2023
2306V46-010A	#04785 MW-11	6/22/2023 12:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/05/2023
2306V46-011A	#04785 MW-12	6/21/2023 3:55:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023
2306V46-011A	#04785 MW-12	6/21/2023 3:55:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/05/2023
2306V46-011B	#04785 MW-12	6/21/2023 3:55:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-012A	#04785 MW-13	6/21/2023 3:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	06/30/2023
2306V46-012A	#04785 MW-13	6/21/2023 3:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023
2306V46-013A	#04785 MW-14	6/22/2023 1:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023

Client: KLM Environmental, LLC
 Project Name: Quick Pantry # 19
 Lab Order: 2306V46

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2306V46-013B	#04785 MW-14	6/22/2023 1:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-014A	#04785 MW-16	6/22/2023 1:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-015A	#04785 MW-17	6/22/2023 8:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023
2306V46-016A	#04785 MW-18	6/22/2023 8:50:00AM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-016A	#04785 MW-18	6/22/2023 8:50:00AM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023
2306V46-017A	#04785 MW-19	6/22/2023 1:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-017A	#04785 MW-19	6/22/2023 1:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/05/2023
2306V46-018A	#04785 MW-20	6/22/2023 11:20:00AM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-018A	#04785 MW-20	6/22/2023 11:20:00AM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/03/2023
2306V46-019A	#04785 MW-22	6/22/2023 10:15:00AM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-020A	#04785 MW-23	6/22/2023 10:45:00AM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-021A	#04785 MW-24	6/22/2023 10:30:00AM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-022A	#04785 MW-25	6/22/2023 12:50:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-023A	#04785 RW-1	6/21/2023 1:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/02/2023
2306V46-024A	#04785 RW-2	6/21/2023 1:35:00PM	Groundwater	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/03/2023
2306V46-025A	#04785 RW-3	6/21/2023 2:20:00PM	Groundwater	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/02/2023
2306V46-025B	#04785 RW-3	6/21/2023 2:20:00PM	Groundwater	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-026A	#04785 DW-1	6/21/2023 1:05:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-027A	#04785 DW-2	6/21/2023 4:15:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-028A	#04785 DW-3	6/21/2023 3:40:00PM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-029A	#04785 DW-4	6/22/2023 11:05:00AM	Groundwater	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-030A	#04785 SW-1	6/22/2023 12:20:00PM	Surface Water	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-031A	#04785 SW-2	6/22/2023 9:00:00AM	Surface Water	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-032A	#04785 SW-3	6/22/2023 9:45:00AM	Surface Water	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/02/2023
2306V46-033A	#04785 SW-4	6/22/2023 10:00:00AM	Surface Water	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/02/2023
2306V46-034A	#04785 SW-5	6/22/2023 11:35:00AM	Surface Water	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-035A	#04785 SW-6	6/22/2023 11:50:00AM	Surface Water	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-036A	#04785 TRENCH-1	6/22/2023 9:30:00AM	Surface Water	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/01/2023
2306V46-037A	#04785 TRENCH-2	6/22/2023 9:15:00AM	Surface Water	Volatile Organic Compounds by GC/MS		6/30/2023 8:24:00PM	07/05/2023

Client: KLM Environmental, LLC
 Project Name: Quick Pantry # 19
 Lab Order: 2306V46

Dates Report

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
2306V46-038A	#04785 DUP-1	6/21/2023 3:10:00PM	Groundwater	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/02/2023
2306V46-039A	#04785 DUP-2	6/21/2023 3:25:00PM	Groundwater	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/02/2023
2306V46-039A	#04785 DUP-2	6/21/2023 3:25:00PM	Groundwater	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/04/2023
2306V46-040A	#04785 EQ. BLANK-1	6/21/2023 4:30:00PM	Aqueous	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/03/2023
2306V46-040B	#04785 EQ. BLANK-1	6/21/2023 4:30:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-041A	#04785 EQ. BLANK-2	6/22/2023 1:50:00PM	Aqueous	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/03/2023
2306V46-041B	#04785 EQ. BLANK-2	6/22/2023 1:50:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-042A	#04785 FIELD BLANK -1	6/21/2023 4:35:00PM	Aqueous	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/03/2023
2306V46-042B	#04785 FIELD BLANK -1	6/21/2023 4:35:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-043A	#04785 FIELD BLANK-2	6/22/2023 1:55:00PM	Aqueous	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/03/2023
2306V46-043B	#04785 FIELD BLANK-2	6/22/2023 1:55:00PM	Aqueous	MICRO-EXTRACTABLE VOCs		6/28/2023 12:57:04PM	06/28/2023
2306V46-044A	TRIP BLANK	6/21/2023 12:00:00AM	Aqueous	Volatile Organic Compounds by GC/MS		7/1/2023 4:32:00PM	07/03/2023

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 358882

Sample ID: MB-358882	Client ID:	Units: ug/L	Prep Date: 06/28/2023	Run No: 520123							
SampleType: MBLK	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 358882	Analysis Date: 06/28/2023	Seq No: 12289519							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	BRL	0.020									
Surr: 4-Bromofluorobenzene	4.679	0	5.000		93.6	70	130				

Sample ID: LCS-358882	Client ID:	Units: ug/L	Prep Date: 06/28/2023	Run No: 520123							
SampleType: LCS	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 358882	Analysis Date: 06/28/2023	Seq No: 12289520							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.1020	0.020	0.1000		102	60	140				
Surr: 4-Bromofluorobenzene	5.096	0	5.000		102	70	130				

Sample ID: LCSD-358882	Client ID:	Units: ug/L	Prep Date: 06/28/2023	Run No: 520123							
SampleType: LCSD	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 358882	Analysis Date: 06/28/2023	Seq No: 12289521							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.1010	0.020	0.1000		101	60	140	0.1020	0.985	15.6	
Surr: 4-Bromofluorobenzene	4.694	0	5.000		93.9	70	130	5.096	0	0	

Sample ID: 2306V46-005BMS	Client ID: #04785 MW-5	Units: ug/L	Prep Date: 06/28/2023	Run No: 520123							
SampleType: MS	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 358882	Analysis Date: 06/28/2023	Seq No: 12289526							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	0.09078	0.020	0.0987		92.0	67.7	130				
Surr: 4-Bromofluorobenzene	6.671	0	4.934		135	69.7	138				

Sample ID: 2306V46-025BDUP	Client ID: #04785 RW-3	Units: ug/L	Prep Date: 06/28/2023	Run No: 520123							
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 358882	Analysis Date: 06/28/2023	Seq No: 12289533							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dibromoethane	BRL	0.020						0	0	30	
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Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 358882

Sample ID: 2306V46-025BDUP	Client ID: #04785 RW-3	Units: ug/L	Prep Date: 06/28/2023	Run No: 520123
SampleType: DUP	TestCode: MICRO-EXTRACTABLE VOLATILE ORGANICS SW8011	BatchID: 358882	Analysis Date: 06/28/2023	Seq No: 12289533

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	4.951	0	4.999		99.0	69.7	138	4.365	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359123

Sample ID: MB-359123	Client ID:	Units: ug/L	Prep Date: 07/01/2023	Run No: 520471							
SampleType: MBLK	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359123	Analysis Date: 07/01/2023	Seq No: 12298029							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	45.80	0	50.00		91.6	70	126				
Surr: Dibromofluoromethane	48.62	0	50.00		97.2	77	121				
Surr: Toluene-d8	47.84	0	50.00		95.7	78.6	119				

Sample ID: LCS-359123	Client ID:	Units: ug/L	Prep Date: 07/01/2023	Run No: 520471							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359123	Analysis Date: 07/01/2023	Seq No: 12298031							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	47.88	1.0	50.00		95.8	74.5	128				
3,3-Dimethyl-1-butanol	447.2	100	500.0		89.4	65.9	123				
Benzene	49.23	1.0	50.00		98.5	78.8	120				
Ethanol	488.1	100	500.0		97.6	60.1	128				
Ethyl tert-butyl ether	86.93	10	100.0		86.9	79.6	125				

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359123

Sample ID: LCS-359123	Client ID:	Units: ug/L	Prep Date: 07/01/2023	Run No: 520471							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359123	Analysis Date: 07/01/2023	Seq No: 12298031							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	50.23	1.0	50.00		100	81.1	122				
Isopropyl ether	91.19	10	100.0		91.2	78	125				
Methyl tert-butyl ether	45.46	1.0	50.00		90.9	76.6	124				
Naphthalene	50.34	5.0	50.00		101	67.6	126				
tert-Amyl alcohol	456.0	100	500.0		91.2	67.6	130				
tert-Amyl methyl ether	85.52	10	100.0		85.5	78.6	123				
tert-Butyl Alcohol	463.5	100	500.0		92.7	69.7	132				
tert-Butyl formate	464.3	100	500.0		92.9	67	131				
Toluene	50.44	1.0	50.00		101	76.6	125				
Xylenes, Total	149.0	1.0	150.0		99.3	79.8	123				
Surr: 4-Bromofluorobenzene	45.71	0	50.00		91.4	70	126				
Surr: Dibromofluoromethane	48.59	0	50.00		97.2	77	121				
Surr: Toluene-d8	47.67	0	50.00		95.3	78.6	119				

Sample ID: 2306Q17-003AMS	Client ID:	Units: ug/L	Prep Date: 07/01/2023	Run No: 520471							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359123	Analysis Date: 07/03/2023	Seq No: 12299235							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	52.06	1.0	50.00		104	72.1	135				
3,3-Dimethyl-1-butanol	523.7	100	500.0		105	64.6	131				
Benzene	55.24	1.0	50.00		110	71.4	135				
Ethanol	554.3	100	500.0		111	54.6	139				
Ethyl tert-butyl ether	100.4	10	100.0		100	70.2	129				
Ethylbenzene	53.81	1.0	50.00		108	77	131				
Isopropyl ether	104.0	10	100.0		104	65	132				
Methyl tert-butyl ether	50.32	1.0	50.00	0.3100	100	68.9	135				
Naphthalene	55.97	5.0	50.00		112	60.2	132				
tert-Amyl alcohol	521.2	100	500.0		104	56.4	139				

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359123

Sample ID: 2306Q17-003AMS	Client ID:	Units: ug/L	Prep Date: 07/01/2023	Run No: 520471							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359123	Analysis Date: 07/03/2023	Seq No: 12299235							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	98.77	10	100.0		98.8	69	130				
tert-Butyl Alcohol	653.5	100	500.0		131	66.5	137				
tert-Butyl formate	218.7	100	500.0		43.7	50.2	129				S
Toluene	53.06	1.0	50.00		106	70.3	136				
Xylenes, Total	158.7	1.0	150.0		106	70.1	137				
Surr: 4-Bromofluorobenzene	45.45	0	50.00		90.9	70	126				
Surr: Dibromofluoromethane	47.35	0	50.00		94.7	77	121				
Surr: Toluene-d8	47.01	0	50.00		94.0	78.6	119				

Sample ID: 2306Q17-002ADUP	Client ID:	Units: ug/L	Prep Date: 07/01/2023	Run No: 520471							
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359123	Analysis Date: 07/03/2023	Seq No: 12299234							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0						0	0	30	
3,3-Dimethyl-1-butanol	BRL	100						0	0	30	
Benzene	BRL	1.0						0	0	30	
Ethanol	BRL	100						0	0	30	
Ethyl tert-butyl ether	BRL	10						0	0	30	
Ethylbenzene	BRL	1.0						0	0	30	
Isopropyl ether	BRL	10						0	0	30	
Methyl tert-butyl ether	BRL	1.0						0	0	30	
Naphthalene	BRL	5.0						0	0	30	
tert-Amyl alcohol	BRL	100						0	0	30	
tert-Amyl methyl ether	BRL	10						0	0	30	
tert-Butyl Alcohol	BRL	100						0	0	30	
tert-Butyl formate	BRL	100						0	0	30	
Toluene	BRL	1.0						0	0	30	
Xylenes, Total	BRL	1.0						0	0	30	

Qualifiers: > Greater than Result value < Less than Result value B Analyte detected in the associated method blank
 BRL Below reporting limit E Estimated (value above quantitation range) H Holding times for preparation or analysis exceeded
 J Estimated value detected below Reporting Limit N Analyte not NELAC certified R RPD outside limits due to matrix
 Rpt Lim Reporting Limit S Spike Recovery outside limits due to matrix

Client: KLM Environmental, LLC
 Project Name: Quick Pantry # 19
 Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359123

Sample ID: 2306Q17-002ADUP	Client ID:	Units: ug/L	Prep Date: 07/01/2023	Run No: 520471							
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359123	Analysis Date: 07/03/2023	Seq No: 12299234							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: 4-Bromofluorobenzene	45.96	0				70	126	45.93	0	30	
Surr: Dibromofluoromethane	48.26	0				77	121	46.87	0	30	
Surr: Toluene-d8	47.05	0				78.6	119	46.02	0	30	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359133

Sample ID: MB-359133	Client ID:	Units: ug/L	Prep Date: 06/30/2023	Run No: 520441							
SampleType: MBLK	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359133	Analysis Date: 06/30/2023	Seq No: 12297499							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	46.30	0	50.00		92.6	70	126				
Surr: Dibromofluoromethane	47.94	0	50.00		95.9	77	121				
Surr: Toluene-d8	47.26	0	50.00		94.5	78.6	119				

Sample ID: LCS-359133	Client ID:	Units: ug/L	Prep Date: 06/30/2023	Run No: 520441							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359133	Analysis Date: 06/30/2023	Seq No: 12297519							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	54.31	1.0	50.00		109	74.5	128				
3,3-Dimethyl-1-butanol	537.3	100	500.0		107	65.9	123				
Benzene	54.54	1.0	50.00		109	78.8	120				
Ethanol	575.0	100	500.0		115	60.1	128				
Ethyl tert-butyl ether	99.15	10	100.0		99.2	79.6	125				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359133

Sample ID: LCS-359133	Client ID:	Units: ug/L	Prep Date: 06/30/2023	Run No: 520441							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359133	Analysis Date: 06/30/2023	Seq No: 12297519							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	56.01	1.0	50.00		112	81.1	122				
Isopropyl ether	103.0	10	100.0		103	78	125				
Methyl tert-butyl ether	52.16	1.0	50.00		104	76.6	124				
Naphthalene	59.32	5.0	50.00		119	67.6	126				
tert-Amyl alcohol	522.7	100	500.0		105	67.6	130				
tert-Amyl methyl ether	98.03	10	100.0		98.0	78.6	123				
tert-Butyl Alcohol	521.2	100	500.0		104	69.7	132				
tert-Butyl formate	543.2	100	500.0		109	67	131				
Toluene	55.41	1.0	50.00		111	76.6	125				
Xylenes, Total	166.2	1.0	150.0		111	79.8	123				
Surr: 4-Bromofluorobenzene	45.80	0	50.00		91.6	70	126				
Surr: Dibromofluoromethane	48.35	0	50.00		96.7	77	121				
Surr: Toluene-d8	47.42	0	50.00		94.8	78.6	119				

Sample ID: 2306V46-003AMS	Client ID: #04785 MW-3	Units: ug/L	Prep Date: 06/30/2023	Run No: 520441							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359133	Analysis Date: 07/04/2023	Seq No: 12299515							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	24450	500	25000		97.8	72.1	135				
3,3-Dimethyl-1-butanol	221400	50000	250000		88.5	64.6	131				
Benzene	30490	500	25000	5240	101	71.4	135				
Ethanol	218000	50000	250000		87.2	54.6	139				
Ethyl tert-butyl ether	47820	5000	50000		95.6	70.2	129				
Ethylbenzene	27740	500	25000	2150	102	77	131				
Isopropyl ether	50550	5000	50000		101	65	132				
Methyl tert-butyl ether	24420	500	25000		97.7	68.9	135				
Naphthalene	26630	2500	25000		106	60.2	132				
tert-Amyl alcohol	240800	50000	250000		96.3	56.4	139				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359133

Sample ID: 2306V46-003AMS	Client ID: #04785 MW-3	Units: ug/L	Prep Date: 06/30/2023	Run No: 520441							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359133	Analysis Date: 07/04/2023	Seq No: 12299515							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	48350	5000	50000		96.7	69	130				
tert-Butyl Alcohol	216100	50000	250000		86.4	66.5	137				
tert-Butyl formate	256100	50000	250000		102	50.2	129				
Toluene	40370	500	25000	16780	94.3	70.3	136				
Xylenes, Total	91270	500	75000	14720	102	70.1	137				
Surr: 4-Bromofluorobenzene	22720	0	25000		90.9	70	126				
Surr: Dibromofluoromethane	22760	0	25000		91.0	77	121				
Surr: Toluene-d8	22490	0	25000		90.0	78.6	119				

Sample ID: 2306V46-003AMSD	Client ID: #04785 MW-3	Units: ug/L	Prep Date: 06/30/2023	Run No: 520441							
SampleType: MSD	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359133	Analysis Date: 07/04/2023	Seq No: 12299517							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	24710	500	25000		98.8	72.1	135	24450	1.08	33.9	
3,3-Dimethyl-1-butanol	238500	50000	250000		95.4	64.6	131	221400	7.46	28.8	
Benzene	30120	500	25000	5240	99.5	71.4	135	30490	1.24	31.6	
Ethanol	265400	50000	250000		106	54.6	139	218000	19.6	49.3	
Ethyl tert-butyl ether	48100	5000	50000		96.2	70.2	129	47820	0.594	20.8	
Ethylbenzene	27680	500	25000	2150	102	77	131	27740	0.217	26	
Isopropyl ether	50220	5000	50000		100	65	132	50550	0.665	22.1	
Methyl tert-butyl ether	24750	500	25000		99.0	68.9	135	24420	1.34	27.5	
Naphthalene	27790	2500	25000		111	60.2	132	26630	4.28	31	
tert-Amyl alcohol	256500	50000	250000		103	56.4	139	240800	6.32	42.7	
tert-Amyl methyl ether	48980	5000	50000		98.0	69	130	48350	1.29	23.4	
tert-Butyl Alcohol	230700	50000	250000		92.3	66.5	137	216100	6.53	31.3	
tert-Butyl formate	265700	50000	250000		106	50.2	129	256100	3.66	35	
Toluene	39830	500	25000	16780	92.2	70.3	136	40370	1.33	32	
Xylenes, Total	90780	500	75000	14720	101	70.1	137	91270	0.538	26.4	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359133

Sample ID: **2306V46-003AMSD** Client ID: **#04785 MW-3** Units: **ug/L** Prep Date: **06/30/2023** Run No: **520441**
 SampleType: **MSD** TestCode: **Volatile Organic Compounds SW8260D** BatchID: **359133** Analysis Date: **07/04/2023** Seq No: **12299517**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 4-Bromofluorobenzene	22900	0	25000		91.6	70	126	22720	0	0	
Surr: Dibromofluoromethane	22800	0	25000		91.2	77	121	22760	0	0	
Surr: Toluene-d8	22390	0	25000		89.5	78.6	119	22490	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359136

Sample ID: MB-359136	Client ID:	Units: ug/L	Prep Date: 06/30/2023	Run No: 520466							
SampleType: MBLK	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359136	Analysis Date: 06/30/2023	Seq No: 12297920							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0									
3,3-Dimethyl-1-butanol	BRL	100									
Benzene	BRL	1.0									
Ethanol	BRL	100									
Ethyl tert-butyl ether	BRL	10									
Ethylbenzene	BRL	1.0									
Isopropyl ether	BRL	10									
Methyl tert-butyl ether	BRL	1.0									
Naphthalene	BRL	5.0									
tert-Amyl alcohol	BRL	100									
tert-Amyl methyl ether	BRL	10									
tert-Butyl Alcohol	BRL	100									
tert-Butyl formate	BRL	100									
Toluene	BRL	1.0									
Xylenes, Total	BRL	1.0									
Surr: 4-Bromofluorobenzene	45.96	0	50.00		91.9	70	126				
Surr: Dibromofluoromethane	47.26	0	50.00		94.5	77	121				
Surr: Toluene-d8	47.36	0	50.00		94.7	78.6	119				

Sample ID: LCS-359136	Client ID:	Units: ug/L	Prep Date: 06/30/2023	Run No: 520466							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359136	Analysis Date: 06/30/2023	Seq No: 12297895							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	53.67	1.0	50.00		107	74.5	128				
3,3-Dimethyl-1-butanol	515.8	100	500.0		103	65.9	123				
Benzene	52.54	1.0	50.00		105	78.8	120				
Ethanol	505.0	100	500.0		101	60.1	128				
Ethyl tert-butyl ether	98.21	10	100.0		98.2	79.6	125				

Qualifiers:	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
BRL	Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359136

Sample ID: LCS-359136	Client ID:	Units: ug/L	Prep Date: 06/30/2023	Run No: 520466							
SampleType: LCS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359136	Analysis Date: 06/30/2023	Seq No: 12297895							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ethylbenzene	53.79	1.0	50.00		108	81.1	122				
Isopropyl ether	101.9	10	100.0		102	78	125				
Methyl tert-butyl ether	51.15	1.0	50.00		102	76.6	124				
Naphthalene	56.89	5.0	50.00		114	67.6	126				
tert-Amyl alcohol	503.9	100	500.0		101	67.6	130				
tert-Amyl methyl ether	96.95	10	100.0		97.0	78.6	123				
tert-Butyl Alcohol	516.4	100	500.0		103	69.7	132				
tert-Butyl formate	529.2	100	500.0		106	67	131				
Toluene	53.58	1.0	50.00		107	76.6	125				
Xylenes, Total	159.6	1.0	150.0		106	79.8	123				
Surr: 4-Bromofluorobenzene	45.26	0	50.00		90.5	70	126				
Surr: Dibromofluoromethane	48.12	0	50.00		96.2	77	121				
Surr: Toluene-d8	47.46	0	50.00		94.9	78.6	119				

Sample ID: 2306V46-028AMS	Client ID: #04785 DW-3	Units: ug/L	Prep Date: 06/30/2023	Run No: 520466							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359136	Analysis Date: 07/04/2023	Seq No: 12299381							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	51.25	1.0	50.00		102	72.1	135				
3,3-Dimethyl-1-butanol	494.3	100	500.0		98.9	64.6	131				
Benzene	53.32	1.0	50.00		107	71.4	135				
Ethanol	585.6	100	500.0		117	54.6	139				
Ethyl tert-butyl ether	99.47	10	100.0		99.5	70.2	129				
Ethylbenzene	53.95	1.0	50.00		108	77	131				
Isopropyl ether	103.3	10	100.0		103	65	132				
Methyl tert-butyl ether	50.49	1.0	50.00		101	68.9	135				
Naphthalene	57.30	5.0	50.00		115	60.2	132				
tert-Amyl alcohol	504.8	100	500.0		101	56.4	139				

Qualifiers:

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359136

Sample ID: 2306V46-028AMS	Client ID: #04785 DW-3	Units: ug/L	Prep Date: 06/30/2023	Run No: 520466							
SampleType: MS	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359136	Analysis Date: 07/04/2023	Seq No: 12299381							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

tert-Amyl methyl ether	100.0	10	100.0		100	69	130				
tert-Butyl Alcohol	749.0	100	500.0		150	66.5	137				S
tert-Butyl formate	BRL	100	500.0		0	50.2	129				S
Toluene	51.46	1.0	50.00		103	70.3	136				
Xylenes, Total	160.0	1.0	150.0		107	70.1	137				
Surr: 4-Bromofluorobenzene	45.53	0	50.00		91.1	70	126				
Surr: Dibromofluoromethane	45.56	0	50.00		91.1	77	121				
Surr: Toluene-d8	44.80	0	50.00		89.6	78.6	119				

Sample ID: 2306V46-026ADUP	Client ID: #04785 DW-1	Units: ug/L	Prep Date: 06/30/2023	Run No: 520466							
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359136	Analysis Date: 07/03/2023	Seq No: 12299378							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	1.0						0	0	30	
3,3-Dimethyl-1-butanol	BRL	100						0	0	30	
Benzene	BRL	1.0						0.2900	0	30	
Ethanol	BRL	100						0	0	30	
Ethyl tert-butyl ether	BRL	10						0	0	30	
Ethylbenzene	BRL	1.0						0	0	30	
Isopropyl ether	BRL	10						0	0	30	
Methyl tert-butyl ether	BRL	1.0						0	0	30	
Naphthalene	BRL	5.0						0	0	30	
tert-Amyl alcohol	BRL	100						0	0	30	
tert-Amyl methyl ether	BRL	10						0	0	30	
tert-Butyl Alcohol	BRL	100						0	0	30	
tert-Butyl formate	BRL	100						0	0	30	
Toluene	BRL	1.0						0.7600	0	30	
Xylenes, Total	BRL	1.0						0	0	30	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: KLM Environmental, LLC
Project Name: Quick Pantry # 19
Workorder: 2306V46

ANALYTICAL QC SUMMARY REPORT

BatchID: 359136

Sample ID: 2306V46-026ADUP	Client ID: #04785 DW-1	Units: ug/L	Prep Date: 06/30/2023	Run No: 520466							
SampleType: DUP	TestCode: Volatile Organic Compounds SW8260D	BatchID: 359136	Analysis Date: 07/03/2023	Seq No: 12299378							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: 4-Bromofluorobenzene	46.03	0				70	126	45.96	0	30	
Surr: Dibromofluoromethane	46.03	0				77	121	47.85	0	30	
Surr: Toluene-d8	45.05	0				78.6	119	47.10	0	30	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Water Quality Meter Calibration Sheet

Project: Quick Panty # 19

Personnel: G. Roberson, G. Long, C. Austin, C. Wankowski

Calibration Date: 6/21/23

Time: 1130

Meter Horiba U-52

Serial # W22MV13L

pH= 4.01 (100-4 Standard Solution)

Spec. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU (100-4 Standard Solution)

D.O. = 7.12 mg/L (Air)

Signature GK.

Water Quality Meter Calibration Sheet

Project: Quick Pentry #19

Personnel: G. Robinson, G. Long, C. Austin, C. Wroblewski

Calibration Date: 6/22/23

Time: 8:10

Meter Horiba U-52

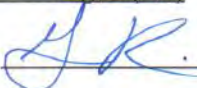
Serial # W22MV13L

pH = 4.01 (100-4 Standard Solution)

Spec. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU (100-4 Standard Solution)

D.O. = 7.11 mg/L (Air)

Signature 

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-1

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 28.5 ft.
 Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: 1350

FP-15.41-15.43

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>6 / 21 / 23</u> Field Personnel <u>G. Long, Cody W., G. Robinson, C. Austin</u> General Weather Condition <u>Cloudy</u> Ambient Air Temperature <u>75°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-2</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>20</u> ft. Depth to GW (DWG) <u>15.22</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
---	--

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>15.22</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1405</u>
Water Temp (°F)								<u>69.8</u>
pH (s.u.)								<u>5.81</u>
Specific Cond. (mS/cm)								<u>0.268</u>
Turbidity (NTU)								<u>283</u>
Dissolved Oxygen (mg/L)								<u>1.71</u>
Salinity								<u>0.1</u>
OVA								<u> / </u>

Sample Time: 1405

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-3

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 16.24 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>16.24</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1245</u>
Water Temp (°F)								<u>68.2</u>
pH (s.u.)								<u>5.79</u>
Specific Cond. (mS/cm)								<u>0.280</u>
Turbidity (NTU)								<u>74.8</u>
Dissolved Oxygen (mg/L)								<u>1.78</u>
Salinity								<u>0.1</u>
OVA								<u> </u>

Sample Time: 1245

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-4

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 15.06 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								15.06
Volume Purged (gallons)								0
Time (military)								1230
Water Temp (°F)								68.0
pH (s.u.)								5.60
Specific Cond. (mS/cm)								0.403
Turbidity (NTU)								93.9
Dissolved Oxygen (mg/L)								1.81
Salinity								0.2
OVA								<u> </u>

Sample Time: 1230

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-5

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) ~~14.00~~ 20 ft.

Depth to GW (DWG) 13.72 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>13.72</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1215</u>
Water Temp (°F)								<u>67.4</u>
pH (s.u.)								<u>5.81</u>
Specific Cond. (mS/cm)								<u>0.117</u>
Turbidity (NTU)								<u>136</u>
Dissolved Oxygen (mg/L)								<u>1.76</u>
Salinity								<u>0.1</u>
OVA								<u>—</u>

Sample Time: 1215

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-6

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 9.51 ft.

Length of Water Column (LWC=TWD-DGW) 10.49 ft.

1 Csg. Volume (LWC*C)= 10.49 x .163 = 1.7 gals.

3 Csg. Volumes = 3 x 1.7 = 5.1 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 5.5 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>9.51</u>	<u>12.33</u>	<u>13.92</u>	<u>14.20</u>				
Volume Purged (gallons)	<u>0</u>	<u>2</u>	<u>4</u>	<u>5.5</u>				
Time (military)	<u>1145</u>	<u>1150</u>	<u>1155</u>	<u>1200</u>				
Water Temp (°F)	<u>71.3</u>	<u>69.2</u>	<u>68.6</u>	<u>68.2</u>				
pH (s.u.)	<u>7.13</u>	<u>6.43</u>	<u>6.31</u>	<u>6.26</u>				
Specific Cond. (mS/cm)	<u>0.413</u>	<u>0.343</u>	<u>0.327</u>	<u>0.321</u>				
Turbidity (NTU)	<u>102</u>	<u>166</u>	<u>8.9</u>	<u>8.4</u>				
Dissolved Oxygen (mg/L)	<u>1.88</u>	<u>1.71</u>	<u>1.71</u>	<u>1.69</u>				
Salinity	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>				
OVA	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>				

Sample Time: 1200

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-7

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 18 ft.

Depth to GW (DWG) 7.41 ft.

Length of Water Column (LWC=TWD-DWG) 10.59 ft.

1 Csg. Volume (LWC*C) = 10.59 x .163 = 1.73 gals.

3 Csg. Volumes = 3 x 1.73 = 5.2 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 5.5 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	7.41	10.86	12.23	12.69				
Volume Purged (gallons)	0	2	4	5.5				
Time (military)	1420 1420	1425 1425	1430	1435				
Water Temp (°F)	67.5	66.3	65.6	65.4				
pH (s.u.)	5.66	5.23	5.17	5.01				
Specific Cond. (mS/cm)	0.105	0.127	0.144	0.148				
Turbidity (NTU)	58.3	32.2	7.3	6.9				
Dissolved Oxygen (mg/L)	1.76	1.79	1.79	1.76				
Salinity	0.1	0.1	0.1	0.1				
OVA	/	/	/	/				

Sample Time: 1435

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW- 8

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 7.66 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:
 Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>7.66</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1450</u>
Water Temp (°F)								<u>65.8</u>
pH (s.u.)								<u>5.65</u>
Specific Cond. (mS/cm)								<u>0.240</u>
Turbidity (NTU)								<u>265</u>
Dissolved Oxygen (mg/L)								<u>1.62</u>
Salinity								<u>0.1</u>
OVA								<u>✓</u>

Sample Time: 1450

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-9 Dup-1

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 17.5 ft.

Depth to GW (DWG) 7.80 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								7.80
Volume Purged (gallons)								0
Time (military)								1505
Water Temp (°F)								65.4
pH (s.u.)								5.62
Specific Cond. (mS/cm)								0.379
Turbidity (NTU)								49.3
Dissolved Oxygen (mg/L)								1.84
Salinity								0.2
OVA								✓

Sample Time: 1505

Dup-1 @ 1510

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) ²² 6 / 21 / 23</p> <p>Field Personnel <u>G. Long, Cody W., G. Robinson, C. Austin</u></p> <p>General Weather Condition <u>Cloudy</u></p> <p>Ambient Air Temperature <u>75°</u></p> <p>Facility Name <u>Quick Pantry # 19</u></p> <p>Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW- 10</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143*(D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>12</u> ft.</p> <p>Depth to GW (DWG) _____ ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals.</p> <p>3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: ~~12:05~~

Covered by water

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) ²² 6 / ~~21~~ / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-11

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 14 ft.

Depth to GW (DWG) 3.13 ft.

Length of Water Column (LWC=TWD-DGW) 10.87 ft.

1 Csg. Volume (LWC*C) = 10.87 x .163 = 1.77 gals.

3 Csg. Volumes = 3 x 1.77 = 5.31 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 5.5 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	3.13	5.47	6.63	6.94				
Volume Purged (gallons)	0	2	4	5.5				
Time (military)	1220	1225	1230	1235				
Water Temp (°F)	66.7	65.5	64.6	64.2				
pH (s.u.)	6.02	6.16	6.11	6.11				
Specific Cond. (mS/cm)	0.650	0.689	0.703	0.691				
Turbidity (NTU)	86.6	251	6.8	6.5				
Dissolved Oxygen (mg/L)	1.71	1.78	1.77	1.79				
Salinity	0.3	0.3	0.2	0.2				
OVA	—	—	—	—				

Sample Time: 1235

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-12

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 17 ft.

Depth to GW (DWG) 7.88 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>7.88</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1555</u>
Water Temp (°F)								<u>64.6</u>
pH (s.u.)								<u>5.71</u>
Specific Cond. (mS/cm)								<u>0.372</u>
Turbidity (NTU)								<u>75.6</u>
Dissolved Oxygen (mg/L)								<u>1.79</u>
Salinity								<u>0.2</u>
OVA								<u> </u>

Sample Time: 1555

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-13 Dup-2

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 15 ft.
 Depth to GW (DWG) 6.24 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>6.24</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1520</u>
Water Temp (°F)								<u>65.1</u>
pH (s.u.)								<u>9.69</u>
Specific Cond. (mS/cm)								<u>0.553</u>
Turbidity (NTU)								<u>34.2</u>
Dissolved Oxygen (mg/L)								<u>1.83</u>
Salinity								<u>0.3</u>
OVA								<u> </u>

Sample Time: 1520
Dup-2 @ 1525

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>6 / 21 / 23</u> Field Personnel <u>G. Long, Cody W., G. Robinson, C. Austin</u> General Weather Condition <u>Cloudy</u> Ambient Air Temperature <u>75°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u></p> <p style="text-align: center;"><u>Quality Assurance:</u></p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW-14</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>15</u> ft. Depth to GW (DWG) <u>5.12</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
--	--

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>5.12</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1320</u>
Water Temp (°F)								<u>66.7</u>
pH (s.u.)								<u>6.08</u>
Specific Cond. (mS/cm)								<u>0.261</u>
Turbidity (NTU)								<u>374</u>
Dissolved Oxygen (mg/L)								<u>1.71</u>
Salinity								<u>0.1</u>
OVA								<u>/</u>

Sample Time: 1320

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-16

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 5.31 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>5.31</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1335</u>
Water Temp (°F)								<u>65.0</u>
pH (s.u.)								<u>6.10</u>
Specific Cond. (mS/cm)								<u>0.313</u>
Turbidity (NTU)								<u>17.3</u>
Dissolved Oxygen (mg/L)								<u>1.79</u>
Salinity								<u>0.1</u>
OVA								<u>—</u>

Sample Time: 1335

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / ²⁷~~24~~ / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-17

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 13 ft.
 Depth to GW (DWG) 1.19 ft.

Length of Water Column (LWC=TWD-DGW) 11.81 ft.

1 Csg. Volume (LWC*C)= 11.81 x .163 = 1.93 gals.
 3 Csg. Volumes = 3 x 1.93 = 5.8 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 6 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	1.19	5.49	7.06	7.51				
Volume Purged (gallons)	0	2	4	6				
Time (military)	815	820	825	830				
Water Temp (°F)	67.0	66.6	66.0	65.7				
pH (s.u.)	5.89	5.45	5.43	5.37				
Specific Cond. (mS/cm)	0.234	0.338	0.346	0.351				
Turbidity (NTU)	32.9	12.4	6.9	6.6				
Dissolved Oxygen (mg/L)	1.95	1.82	1.77	1.74				
Salinity	0.1	0.2	0.2	0.2				
OVA	—	—	—	—				

Sample Time: 830

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / ~~24~~ / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-18

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 14 ft.

Depth to GW (DWG) 3.63 ft.

Length of Water Column (LWC=TWD-DGW) 10.37 ft.

1 Csg. Volume (LWC*C) = 10.37 x .163 = 1.7 gals.

3 Csg. Volumes = 3 x 1.7 = 5.1 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 7 gals.

Quality Assurance:
Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	3.63	5.61	5.96	6.24	6.39			
Volume Purged (gallons)	0	2	4	5.5	7			
Time (military)	830	835	840	845	850			
Water Temp (°F)	67.2	65.4	65.2	65.2	65.1			
pH (s.u.)	5.56	5.86	5.93	5.91	5.93			
Specific Cond. (mS/cm)	0.325	0.784	0.611	0.632	0.628			
Turbidity (NTU)	357	172	29.3	8.1	7.7			
Dissolved Oxygen (mg/L)	1.83	1.76	1.67	1.65	1.69			
Salinity	0.2	0.4	0.2	0.2	0.2			
OVA	/	/	/	/	/			

Sample Time: 850

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 22 6 / ~~21~~ / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-19

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 15 ft.
 Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								
Volume Purged (gallons)								
Time (military)								
Water Temp (°F)								
pH (s.u.)								
Specific Cond. (mS/cm)								
Turbidity (NTU)								
Dissolved Oxygen (mg/L)								
Salinity								
OVA								

Sample Time: 1305
F.P. 4.19-4.63

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 21 6 / ~~24~~ / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-20

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 13 ft.

Depth to GW (DWG) 2.83 ft.

Length of Water Column (LWC=TWD-DGW) 10.17 ft.

1 Csg. Volume (LWC*C) = 10.17 x .163 = 1.66 gals.

3 Csg. Volumes = 3 x 1.66 = 4.98 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 5 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>2.83</u>	<u>4.38</u>	<u>4.88</u>	<u>5.21</u>				
Volume Purged (gallons)	<u>0</u>	<u>2</u>	<u>3.5</u>	<u>5</u>				
Time (military)	<u>1105</u>	<u>1110</u>	<u>1115</u>	<u>1120</u>				
Water Temp (°F)	<u>68.4</u>	<u>65.8</u>	<u>65.3</u>	<u>65.0</u>				
pH (s.u.)	<u>5.91</u>	<u>5.77</u>	<u>5.73</u>	<u>5.61</u>				
Specific Cond. (mS/cm)	<u>0.210</u>	<u>0.410</u>	<u>0.447</u>	<u>0.462</u>				
Turbidity (NTU)	<u>264</u>	<u>77.3</u>	<u>8.4</u>	<u>7.9</u>				
Dissolved Oxygen (mg/L)	<u>1.64</u>	<u>1.68</u>	<u>1.73</u>	<u>1.75</u>				
Salinity	<u>0.1</u>	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>				
OVA	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>				

Sample Time: 1120

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>6 / 21 / 23</u> Field Personnel <u>G. Long, Cody W., G. Robinson, C. Austin</u> General Weather Condition <u>Cloudy</u> Ambient Air Temperature <u>75°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>MW- 22</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>15</u> ft. Depth to GW (DWG) <u>6.53</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
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	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>6.53</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1015</u>
Water Temp (°F)								<u>66.6</u>
pH (s.u.)								<u>6.05</u>
Specific Cond. (mS/cm)								<u>2.477</u>
Turbidity (NTU)								<u>48.8</u>
Dissolved Oxygen (mg/L)								<u>1.68</u>
Salinity								<u>0.2</u>
OVA								<u> </u>

Sample Time: 1015

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / ²⁷20 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # MW-23

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 15 ft.
 Depth to GW (DWG) 8.24 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								8.24
Volume Purged (gallons)								0
Time (military)								1045
Water Temp (°F)								64.5
pH (s.u.)								6.09
Specific Cond. (mS/cm)								0.194
Turbidity (NTU)								101
Dissolved Oxygen (mg/L)								1.68
Salinity								0.1
OVA								<u>✓</u>

Sample Time: 1045

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 22 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-24

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 15 ft.

Depth to GW (DWG) 8.73 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								8.73
Volume Purged (gallons)								0
Time (military)								1030
Water Temp (°F)								69.1
pH (s.u.)								6.14
Specific Cond. (mS/cm)								0.197
Turbidity (NTU)								220
Dissolved Oxygen (mg/L)								1.73
Salinity								0.1
OVA								/

Sample Time: 1030

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) ²² 6 / 14 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # MW-25

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 16 ft.

Depth to GW (DWG) 4.64 ft.

Length of Water Column (LWC=TWD-DGW) 11.36 ft.

1 Csg. Volume (LWC*C)= 11.36 x .163 = 1.85 gals.

3 Csg. Volumes = 3 x 1.85 = 5.55 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 8 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>4.64</u>	<u>6.92</u>	<u>7.54</u>	<u>7.76</u>	<u>8.03</u>			
Volume Purged (gallons)	<u>0</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>8</u>			
Time (military)	<u>1235</u>	<u>1240</u>	<u>1245</u>	<u>1250</u>	<u>1255</u>			
Water Temp (°F)	<u>64.8</u>	<u>63.7</u>	<u>63.6</u>	<u>63.3</u>	<u>63.2</u>			
pH (s.u.)	<u>6.25</u>	<u>6.18</u>	<u>6.16</u>	<u>6.16</u>	<u>6.13</u>			
Specific Cond. (mS/cm)	<u>0.531</u>	<u>0.805</u>	<u>0.783</u>	<u>0.766</u>	<u>0.771</u>			
Turbidity (NTU)	<u>98.3</u>	<u>142</u>	<u>18.1</u>	<u>7.2</u>	<u>7.5</u>			
Dissolved Oxygen (mg/L)	<u>1.83</u>	<u>1.76</u>	<u>1.73</u>	<u>1.70</u>	<u>1.72</u>			
Salinity	<u>0.3</u>	<u>0.4</u>	<u>0.2</u>	<u>0.2</u>	<u>0.2</u>			
OVA	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>/</u>			

Sample Time: 1255

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # AW MW-1

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 16-33 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								16.33 16.33
Volume Purged (gallons)								0
Time (military)								1320
Water Temp (°F)								68.5
pH (s.u.)								5.73
Specific Cond. (mS/cm)								0.443
Turbidity (NTU)								22.4
Dissolved Oxygen (mg/L)								1.75
Salinity								0.2
OVA								/

Sample Time: 1320

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>6 / 21 / 23</u> Field Personnel <u>G. Long, Cody W., G. Robinson, C. Austin</u> General Weather Condition <u>Cloudy</u> Ambient Air Temperature <u>75°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u></p> <p style="text-align: center;"><u>Quality Assurance:</u></p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>RW MW-2</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) <u>20</u> ft. Depth to GW (DWG) <u>15.18</u> ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>																																																																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;"></th> <th style="width: 10%;">Initial</th> <th style="width: 10%;">1st vol.</th> <th style="width: 10%;">2nd vol.</th> <th style="width: 10%;">3rd vol.</th> <th style="width: 10%;">4th vol.</th> <th style="width: 10%;">5th vol.</th> <th style="width: 10%;">Post</th> <th style="width: 10%;">Sampling</th> </tr> </thead> <tbody> <tr> <td>Depth to GW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u>15.18</u></td> </tr> <tr> <td>Volume Purged (gallons)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u>0</u></td> </tr> <tr> <td>Time (military)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u>1335</u></td> </tr> <tr> <td>Water Temp (°F)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u>69.4</u></td> </tr> <tr> <td>pH (s.u.)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u>5.55</u></td> </tr> <tr> <td>Specific Cond. (mS/cm)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u>0.150</u></td> </tr> <tr> <td>Turbidity (NTU)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u>2.83</u></td> </tr> <tr> <td>Dissolved Oxygen (mg/L)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u>1.68</u></td> </tr> <tr> <td>Salinity</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u>0.1</u></td> </tr> <tr> <td>OVA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;"><u> </u></td> </tr> </tbody> </table>										Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling	Depth to GW								<u>15.18</u>	Volume Purged (gallons)								<u>0</u>	Time (military)								<u>1335</u>	Water Temp (°F)								<u>69.4</u>	pH (s.u.)								<u>5.55</u>	Specific Cond. (mS/cm)								<u>0.150</u>	Turbidity (NTU)								<u>2.83</u>	Dissolved Oxygen (mg/L)								<u>1.68</u>	Salinity								<u>0.1</u>	OVA								<u> </u>
	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling																																																																																																			
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Sample Time: 1335

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # RH MW-3

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 20 ft.

Depth to GW (DWG) 15.41 ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>15.41</u>
Volume Purged (gallons)								<u>0</u>
Time (military)								<u>1420</u>
Water Temp (°F)								<u>68.9</u>
pH (s.u.)								<u>5.90</u>
Specific Cond. (mS/cm)								<u>0.606</u>
Turbidity (NTU)								<u>20.8</u>
Dissolved Oxygen (mg/L)								<u>1.87</u>
Salinity								<u>0.3</u>
OVA								<u>✓</u>

Sample Time: 1420

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # DW MW-1

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 45 ft.
 Depth to GW (DWG) 16.57 ft.

Length of Water Column (LWC=TWD-DGW) 28.43 ft.

1 Csg. Volume (LWC*C)= 28.43 x .163 = 4.63 gals.
 3 Csg. Volumes = 3 x 4.63 = 13.89 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 14 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	16.57	38.21	40.86	41.43				
Volume Purged (gallons)	0	5	9.5	14				
Time (military)	1250	1255	1300	1305				
Water Temp (°F)	70.9	69.7	68.1	67.7				
pH (s.u.)	6.51	6.31	6.19	6.08				
Specific Cond. (mS/cm)	0.332	0.313	0.299	0.284				
Turbidity (NTU)	186	42.6	6.4	6.7				
Dissolved Oxygen (mg/L)	1.66	1.54	1.52	1.54				
Salinity	0.2	0.2	0.2	0.2				
OVA	—	—	—	—				

Sample Time: 1305

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # DW MW-2

Well Diameter(D) 2 Inches or _____ feet

conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) 40 ft.

Depth to GW (DWG) 6.81 ft.

Length of Water Column (LWC=TWD-DGW) 33.19 ft.

1 Csg. Volume (LWC*C)= 33.19 x .163 = 5.4 gals.

3 Csg. Volumes = 3 x 5.4 = 16.2 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling ~~16.2~~ 16.5 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>6.81</u>	<u>34.61</u>	<u>35.55</u>	<u>36.10</u>				
Volume Purged (gallons)	<u>0</u>	<u>5.5</u>	<u>11</u>	<u>16.5</u>				
Time (military)	<u>1600</u>	<u>1605</u>	<u>1610</u>	<u>1615</u>				
Water Temp (°F)	<u>66.0</u>	<u>65.5</u>	<u>65.4</u>	<u>65.0</u>				
pH (s.u.)	<u>5.93</u>	<u>6.11</u>	<u>6.03</u>	<u>6.10</u>				
Specific Cond. (mS/cm)	<u>0.304</u>	<u>0.308</u>	<u>0.291</u>	<u>0.279</u>				
Turbidity (NTU)	<u>16.2</u>	<u>39.6</u>	<u>5.5</u>	<u>6.0</u>				
Dissolved Oxygen (mg/L)	<u>1.68</u>	<u>1.64</u>	<u>1.61</u>	<u>1.64</u>				
Salinity	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>				
OVA	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>				

Sample Time: 1615

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # 2W MW-3

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 40 ft.
 Depth to GW (DWG) 5.92 ft.

Length of Water Column (LWC=TWD-DGW) 34.08 ft.

1 Csg. Volume (LWC*C)= 34.08 x .163 = 5.6 gals.
 3 Csg. Volumes = 3 x 5.6 = 16.8 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 17 gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	5.92	33.36	35.41	36.21				
Volume Purged (gallons)	0	6	11.5 11.5	17				
Time (military)	1525	1530	1535	1540				
Water Temp (°F)	66.6	65.9	65.3	65.1				
pH (s.u.)	5.80	5.90	5.96	6.04				
Specific Cond. (mS/cm)	0.178	0.203	0.222	0.230				
Turbidity (NTU)	42.6	39.1	8.6	8.1				
Dissolved Oxygen (mg/L)	1.67	1.63	1.60	1.62				
Salinity	0.1	0.1	0.1	0.1				
OVA	/	/	/	/				

Sample Time: 1540

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / ~~14~~ / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:
 Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # DW ~~11W~~- 4

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) 25 ft.
 Depth to GW (DWG) 7.52 ft.

Length of Water Column (LWC=TWD-DGW) 17.48 ft.

1 Csg. Volume (LWC*C)= 17.48 x .163 = 2.85 gals.
 3 Csg. Volumes = 3 x 2.85 = 8.55 gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling 9 gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW	<u>7.52</u>	<u>18.21</u>	<u>20.23</u>	<u>20.76</u>				
Volume Purged (gallons)	<u>0</u>	<u>3</u>	<u>6</u>	<u>9</u>				
Time (military)	<u>1050</u>	<u>1055</u>	<u>1100</u>	<u>1105</u>				
Water Temp (°F)	<u>65.4</u>	<u>64.3</u>	<u>64.1</u>	<u>64.1</u>				
pH (s.u.)	<u>5.93</u>	<u>5.82</u>	<u>5.62</u>	<u>5.55</u>				
Specific Cond. (mS/cm)	<u>0.326</u>	<u>0.303</u>	<u>0.290</u>	<u>0.277</u>				
Turbidity (NTU)	<u>26.6</u>	<u>76.3</u>	<u>9.3</u>	<u>9.7</u>				
Dissolved Oxygen (mg/L)	<u>1.75</u>	<u>1.66</u>	<u>1.63</u>	<u>1.67</u>				
Salinity	<u>0.2</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>				
OVA	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>				

Sample Time: 1105

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # SH MW-1

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								✓
Volume Purged (gallons)								✓
Time (military)								1220
Water Temp (°F)								68.8
pH (s.u.)								6.68
Specific Cond. (mS/cm)								0.045
Turbidity (NTU)								104
Dissolved Oxygen (mg/L)								1.96
Salinity								0.0
OVA								✓

Sample Time: 1220

South Carolina Department of Health and Environmental Control
 Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # SW ~~1111~~ - 2

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:
 Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>—</u>
Volume Purged (gallons)								<u>—</u>
Time (military)								<u>900</u>
Water Temp (°F)								<u>67.0</u>
pH (s.u.)								<u>6.26</u>
Specific Cond. (mS/cm)								<u>0.158</u>
Turbidity (NTU)								<u>116</u>
Dissolved Oxygen (mg/L)								<u>1.95</u>
Salinity								<u>0.1</u>
OVA								<u>—</u>

Sample Time: 900

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>6 / 21 / 23</u> Field Personnel <u>G. Long, Cody W., G. Robinson, C. Austin</u> General Weather Condition <u>Cloudy</u> Ambient Air Temperature <u>75°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u></p> <p style="text-align: center;"><u>Quality Assurance:</u></p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>SW WW-3</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143 \cdot (D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) _____ ft. Depth to GW (DWG) _____ ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
--	--

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>/</u>
Volume Purged (gallons)								<u>/</u>
Time (military)								<u>945</u>
Water Temp (°F)								<u>68.0</u>
pH (s.u.)								<u>6.70</u>
Specific Cond. (mS/cm)								<u>0.175</u>
Turbidity (NTU)								<u>240</u>
Dissolved Oxygen (mg/L)								<u>2.03</u>
Salinity								<u>0.1</u>
OVA								<u>/</u>

Sample Time: 945

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # SW MW- 4

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) _____ ft.
 Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								/
Volume Purged (gallons)								/
Time (military)								1000
Water Temp (°F)								67.8
pH (s.u.)								6.28
Specific Cond. (mS/cm)								0.48
Turbidity (NTU)								67.3
Dissolved Oxygen (mg/L)								2.11
Salinity								0.1
OVA								/

Sample Time: 1000

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>6 / 21 / 23</u> Field Personnel <u>G. Long, Cody W., G. Robinson, C. Austin</u> General Weather Condition <u>Cloudy</u> Ambient Air Temperature <u>75°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>SW MW-5</u></p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143*(D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) _____ ft. Depth to GW (DWG) _____ ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>																																																																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;"></th> <th style="width: 10%;">Initial</th> <th style="width: 10%;">1st vol.</th> <th style="width: 10%;">2nd vol.</th> <th style="width: 10%;">3rd vol.</th> <th style="width: 10%;">4th vol.</th> <th style="width: 10%;">5th vol.</th> <th style="width: 10%;">Post</th> <th style="width: 10%;">Sampling</th> </tr> </thead> <tbody> <tr> <td>Depth to GW</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Volume Purged (gallons)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> <tr> <td>Time (military)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">1135</td> </tr> <tr> <td>Water Temp (°F)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">66.5</td> </tr> <tr> <td>pH (s.u.)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">6.15</td> </tr> <tr> <td>Specific Cond. (mS/cm)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">0.161</td> </tr> <tr> <td>Turbidity (NTU)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">135</td> </tr> <tr> <td>Dissolved Oxygen (mg/L)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">2.36</td> </tr> <tr> <td>Salinity</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">0.1</td> </tr> <tr> <td>OVA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> </tbody> </table>										Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling	Depth to GW								✓	Volume Purged (gallons)								✓	Time (military)								1135	Water Temp (°F)								66.5	pH (s.u.)								6.15	Specific Cond. (mS/cm)								0.161	Turbidity (NTU)								135	Dissolved Oxygen (mg/L)								2.36	Salinity								0.1	OVA								✓
	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling																																																																																																			
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Sample Time: 1135

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

Well # SW MW-6

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143 \cdot (D/2)^2$

for a 2 inch well C=0.163

4 inch well C=0.652

Total Well Depth (TWD) _____ ft.

Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.

3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								/
Volume Purged (gallons)								/
Time (military)								1150
Water Temp (°F)								66.9
pH (s.u.)								6.24
Specific Cond. (mS/cm)								0.197
Turbidity (NTU)								84.0
Dissolved Oxygen (mg/L)								2.21 0.1
Salinity								
OVA								/

Sample Time: 1150

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

<p>Date (mm/dd/yy) <u>6 / 21 / 23</u> Field Personnel <u>G. Long, Cody W., G. Robinson, C. Austin</u> General Weather Condition <u>Cloudy</u> Ambient Air Temperature <u>75°</u> Facility Name <u>Quick Pantry # 19</u> Site ID# <u>04785</u></p> <p style="text-align: center;">Quality Assurance:</p> <p>Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.</p>	<p>Well # <u>Trench-1</u> MMW-</p> <p>Well Diameter(D) <u>2</u> Inches or _____ feet conversion factor(C): $3.143*(D/2)^2$ for a 2 inch well C=0.163 4 inch well C=0.652</p> <p>Total Well Depth (TWD) _____ ft. Depth to GW (DWG) _____ ft.</p> <p>Length of Water Column (LWC=TWD-DGW) _____ ft.</p> <p>1 Csg. Volume (LWC*C)= _____ x <u>.163</u> = _____ gals. 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)</p> <p>Total Volume of Water Purged Before Sampling _____ gals.</p>
---	--

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								<u>—</u>
Volume Purged (gallons)								<u>—</u>
Time (military)								<u>930</u>
Water Temp (°F)								<u>67.96</u>
pH (s.u.)								<u>6.40</u>
Specific Cond. (mS/cm)								<u>0.426</u>
Turbidity (NTU)								<u>85.9</u>
Dissolved Oxygen (mg/L)								<u>1.91</u>
Salinity								<u>0.2</u>
OVA								<u>—</u>

Sample Time: 930

South Carolina Department of Health and Environmental Control
Bureau of Underground Storage Tank Management
Field Data Information Sheet for Ground Water Sampling

Date (mm/dd/yy) 6 / 21 / 23
 Field Personnel G. Long, Cody W., G. Robinson, C. Austin
 General Weather Condition Cloudy
 Ambient Air Temperature 75°
 Facility Name Quick Pantry # 19
 Site ID# 04785

Well # Trench - 2
~~MW-~~

Well Diameter(D) 2 Inches or _____ feet
 conversion factor(C): $3.143*(D/2)^2$
 for a 2 inch well C=0.163
 4 inch well C=0.652

Total Well Depth (TWD) _____ ft.
 Depth to GW (DWG) _____ ft.

Length of Water Column (LWC=TWD-DGW) _____ ft.

1 Csg. Volume (LWC*C)= _____ x .163 = _____ gals.
 3 Csg. Volumes = 3 x _____ = _____ gals. (Std. Purge Volume)

Total Volume of Water Purged Before Sampling _____ gals.

Quality Assurance:

Please see Water Quality Meter Calibration Sheet attached in front of the sampling sheets.

	Initial	1 st vol.	2 nd vol.	3 rd vol.	4 th vol.	5 th vol.	Post	Sampling
Depth to GW								/
Volume Purged (gallons)								/
Time (military)								915
Water Temp (°F)								67.4
pH (s.u.)								6.12
Specific Cond. (mS/cm)								0.544
Turbidity (NTU)								131
Dissolved Oxygen (mg/L)								1.96
Salinity								0.3
OVA								/

Sample Time: 915

TABLE 1d
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-4	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-6	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-8	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-18	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	9/2/21	<10	<10	370	<100	<100	<100	<100	<100
MW-20	9/2/21	<10	30	<10	<100	480	<100	<100	<100
MW-21	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
RW-1	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
RW-2	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
RW-3	9/1/21	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/26/21	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-1	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-3	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-4	9/2/21	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
SW-5	9/2/21	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	9/2/21	<10	<10	370	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	24000000	<50000
MW-2	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	300000	<50000
MW-3	05/04/22	<500	<500	710	<5000	26000	<5000	<5000	<5000
MW-4	05/04/22	<1000	<1000	6100	<10000	<10000	<10000	<10000	<10000
MW-5	05/04/22	<10	130	730	<100	5500	<100	<100	<100
MW-6	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	05/04/22	<500	<500	950	<5000	5700	<5000	<5000	<5000
MW-8	05/04/22	<5000	<5000	<5000	<50000	<50000	<50000	<50000	<50000
MW-9	05/04/22	<500	<500	700	<5000	5100	<5000	<5000	<5000
MW-10	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	05/04/22	<500	<500	3300	<5000	6100	<5000	<5000	<5000
MW-13	05/04/22	<10	10	98	<100	1400	<100	<100	<100
MW-14	05/05/22	<500	<500	<500	<5000	7000	<5000	<5000	<5000
MW-15	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	05/05/22	<10	62	800	<100	820	<100	<100	<100
MW-18	05/05/22	<500	<500	3600	<5000	<5000	<5000	<5000	<5000
MW-19	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	05/04/22	<10	23	310	<100	170	<100	<100	<100
MW-21	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	05/05/22	<10	<10	41	<100	<100	<100	<100	<100
RW-1	05/04/22	<1000	<1000	4700	<10000	26000	<10000	<10000	<10000
RW-2	05/04/22	<50000	<50000	75000	<500000	<500000	<500000	29000000	<500000
RW-3	05/04/22	<1000	<1000	3000	<10000	40000	<10000	<10000	<10000
DW-1	05/04/22	<10	<10	23	<100	<100	<100	<100	<100
DW-2	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	05/04/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	05/04/22	<10	<10	23	<100	<100	<100	<100	<100
SW-1	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	05/05/22	<10	28	350	<100	<100	<100	<100	<100
SW-3	05/05/22	<10	82	690	<100	780	<100	<100	<100
SW-4	05/05/22	<10	15	210	<100	360	<100	<100	<100
SW-5	05/05/22	<10	<10	25	<100	120	<100	<100	<100
SW-6	05/05/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-2	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-3	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-5	8/24/22	<1000	<1000	<1000	<10000	<10000	<10000	<10000	<10000
MW-6	8/24/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	8/24/22	<10	14	180	<100	390	<100	<100	<100
MW-8	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-9	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-10	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-13	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-14	8/23/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-15	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	8/23/22	<10	58	550	<100	1200	<100	<100	<100
MW-18	8/23/22	<1000	<1000	4900	<10000	<10000	<10000	<10000	<10000
MW-19	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	8/23/22	<10	87	670	<100	380	<100	<100	<100
MW-21	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	8/23/22	<10	<10	44	<100	<100	<100	<100	<100
RW-1	8/24/22	<1000	<1000	4100	<10000	31000	<10000	<10000	<10000
RW-2	8/24/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	8/24/22	FP	FP	FP	FP	FP	FP	FP	FP
DW-1	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	8/23/22	<10	<10	46	<100	<100	<100	<100	<100
SW-1	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-3	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-4	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-5	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	8/23/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	11/2/22	<5000	<5000	9500	<50000	<50000	<50000	1600000	<50000
MW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-4	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-5	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-6	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	11/2/22	<10	28	310	<100	420	<100	<100	<100
MW-8	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-9	11/2/22	<100	<100	770	<1000	3600	<1000	290000	<1000
MW-10	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	11/2/22	<100	200	2200	<1000	5200	<1000	<1000	<1000
MW-13	11/2/22	<10	150	760	<100	1800	<100	<100	<100
MW-14	11/2/22	<100	<100	130	<1000	<1000	<1000	<1000	<1000
MW-15	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	11/2/22	<10	73	990	<100	1000	<100	<100	<100
MW-18	11/2/22	FP	FP	FP	FP	FP	FP	FP	FP
MW-19	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-20	11/3/22	<10	90	1000	<100	860	<100	<100	<100
MW-21	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	11/3/22	<10	<10	44	<100	<100	<100	<100	<100
RW-1	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-2	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
RW-3	11/2/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
DW-1	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	11/2/22	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	11/2/22	<10	<10	120	<100	<100	<100	<100	<100
SW-1	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-2	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-3	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-4	11/3/22	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
SW-5	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100
SW-6	11/3/22	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	2/7/23	<500	<500	3300	<5000	7600	<5000	<5000	<5000
MW-2	2/7/23	<500	<500	4700	<5000	42000	<5000	<5000	<5000
MW-3	2/7/23	<500	<500	860	<5000	30000	<5000	<5000	<5000
MW-4	2/7/23	<500	<500	2600	<5000	5900	<5000	<5000	<5000
MW-5	2/7/23	<10	30	230	<100	1400	<100	<100	<100
MW-6	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	2/7/23	<100	<100	880	<1000	10000	<1000	<1000	<1000
MW-8	2/7/23	<500	<500	880	<5000	<5000	<5000	<5000	<5000
MW-9	2/7/23	<100	<100	740	<1000	2300	<1000	<1000	<1000
MW-10	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-11	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	2/7/23	<100	<100	1100	<1000	4400	<1000	<1000	<1000
MW-13	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-14	2/7/23	<100	<100	170	<1000	3600	<1000	<1000	<1000
MW-15	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-16	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	2/7/23	<10	61	500	<100	1100	<100	<100	<100
MW-18	2/7/23	<100	180	1900	<1000	2000	<1000	<1000	<1000
MW-19	2/7/23	<500	<500	<500	<5000	<5000	<5000	<5000	<5000
MW-20	2/7/23	<10	72	560	<100	770	<100	<100	<100
MW-21	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-22	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	2/7/23	<10	<10	46	<100	170	<100	<100	<100
RW-1	2/7/23	<1000	<1000	6400	<10000	67000	<10000	<10000	<10000
RW-2	2/7/23	<50000	<50000	<50000	<500000	<500000	<500000	7500000	<500000
RW-3	2/7/23	<500	850	7500	<5000	34000	<5000	<5000	<5000
DW-1	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	2/7/23	<10	12	200	<100	250	<100	<100	<100
SW-1	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	2/7/23	<10	20	300	<100	900	<100	<100	<100
SW-3	2/7/23	<10	16	220	<100	390	<100	<100	<100
SW-4	2/7/23	<10	11	140	<100	220	<100	<100	<100
SW-5	2/7/23	<10	<10	38	<100	<100	<100	<100	<100
SW-6	2/7/23	<10	<10	<10	<100	<100	<100	<100	<100

TABLE 1B
Summary of Oxygenate Data
Quick Pantry # 19
Greenwood, SC

Well #	Date Sampled	(ETBE)	(TAME)	(DIPE)	(TBA)	(TAA)	(TBF)	(Ethanol)	(ETBA)
RBSL	--	47	128	150	1400	240	--	10000	--
MW-1	6/21/23	<5000	<5000	<5000	<50000	<50000	<50000	6700000	<50000
MW-2	6/21/23	<500	<500	2400	<5000	22000	<5000	<5000	<5000
MW-3	6/21/23	<100	<100	420	<1000	8600	<1000	<1000	<1000
MW-4	6/21/23	<500	<500	1700	<5000	8000	<5000	<5000	<5000
MW-5	6/21/23	<10	<10	37	<100	760	<100	<100	<100
MW-6	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-7	6/21/23	<500	<500	730	<5000	14000	<5000	<5000	<5000
MW-8	6/21/23	<5000	<5000	<5000	<50000	<50000	<50000	<50000	<50000
MW-9	6/21/23	<10	20	250	<100	1600	<100	<100	<100
MW-10	6/22/23	COV	COV	COV	COV	COV	COV	COV	COV
MW-11	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-12	6/21/23	<10	<10	25	<100	110	<100	<100	<100
MW-13	6/21/23	<10	<10	52	<100	450	<100	<100	<100
MW-14	6/22/23	<10	<10	<10	<100	<100	<100	110	<100
MW-15	6/21/23	DES	DES	DES	DES	DES	DES	DES	DES
MW-16	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-17	6/22/23	<10	11	160	<100	270	<100	<100	<100
MW-18	6/22/23	<500	<500	2600	<5000	<5000	<5000	<5000	<5000
MW-19	6/22/23	<10	<10	<10	<100	670	<100	<100	<100
MW-20	6/22/23	<10	100	1000	<100	1400	<100	<100	<100
MW-21	6/21/23	DES	DES	DES	DES	DES	DES	DES	DES
MW-22	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-23	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-24	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
MW-25	6/22/23	<10	<10	51	<100	130	<100	<100	<100
RW-1	6/21/23	<1000	<1000	4000	<10000	65000	<10000	<10000	<10000
RW-2	6/21/23	<50000	<50000	<50000	<500000	<500000	<500000	4500000000	<500000
RW-3	6/21/23	<500	<500	4500	9000	120000	<5000	<5000	<5000
DW-1	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-2	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-3	6/21/23	<10	<10	<10	<100	<100	<100	<100	<100
DW-4	6/22/23	<10	12	210	<100	250	<100	<100	<100
SW-1	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
SW-2	6/22/23	<10	<10	10	<100	<100	<100	170	<100
SW-3	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
SW-4	6/22/23	<10	<10	<10	<100	<100	<100	130	<100
SW-5	6/22/23	<10	<10	<10	<100	<100	<100	470	<100
SW-6	6/22/23	<10	<10	<10	<100	<100	<100	<100	<100
Trench 1	6/22/23	<10	<10	66	<100	220	<100	<100	<100
Trench 2	6/22/23	<10	<10	120	<100	400	<100	<100	<100

Note: All results in µg/l. Numbers in bold exceed RBSL. FP = Free Product.

APPENDIX C

Tax Map / Regional Geology

APPENDIX D

Field Screening Logs

APPENDIX E

Well Logs

APPENDIX F

Aquifer Calculations

Appendix F
Historical Ground Water Levels
Quick Pantry # 19
Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-1	8/25/21	623.56	X-28.5	17.06	17.75	0.69	FP
	9/1/21			17.35	18.02	0.67	FP
	10/12/21			18.10	19.29	1.19	FP
	5/4/22			15.29	15.40	0.11	FP
	7/25/22			--	18.38	--	605.18
	8/24/22			19.61	19.82	0.21	FP
	11/2/22			21.32	22.16	0.84	FP
	2/7/23			--	16.48	--	607.08
	6/21/23			15.41	15.43	0.02	FP
MW-2	8/25/21	623.38	10-20	17.03	18.36	1.33	FP
	9/1/21			17.32	18.51	1.19	FP
	10/12/21			18.03	19.32	1.29	FP
	5/4/22			--	15.04	--	608.34
	7/25/22			--	18.55	--	604.83
	8/24/22			19.68	19.72	0.04	FP
	11/2/22			--	DRY	--	DRY
	2/7/23			--	16.28	--	607.10
	6/21/23			--	15.22	--	608.16
MW-3	8/25/21	625.10	10-20	18.31	18.35	0.04	FP
	9/1/21			18.51	18.56	0.05	FP
	10/12/21			19.42	19.47	0.05	FP
	5/4/22			--	16.12	--	608.98
	7/25/22			--	19.46	--	605.64
	8/24/22			--	DRY	--	DRY
	11/2/22			--	DRY	--	DRY
	2/7/23			--	17.61	--	607.49
	6/21/23			--	16.24	--	608.86
MW-4	8/25/21	623.30	10-20	16.98	18.98	2.0	FP
	9/1/21			17.18	19.19	2.01	FP
	10/12/21			18.16	19.49	1.33	FP
	5/4/22			--	15.22	--	608.08
	7/25/22			18.61	18.79	0.18	FP
	8/24/22			19.55	19.75	0.20	FP
	11/2/22			--	DRY	--	DRY
	2/7/23			--	17.49	--	605.81
	6/21/23			--	15.06	--	608.24
MW-5	8/25/21	622.12	10-20	15.27	17.73	2.46	FP
	9/1/21			15.38	17.92	2.54	FP
	10/12/21			16.48	18.27	1.79	FP
	5/4/22			13.67	13.82	0.15	FP
	7/25/22			--	17.08	--	605.04
	8/24/22			--	18.26	--	603.86
	11/2/22			--	DRY	--	DRY
	2/7/23			--	14.38	--	607.74
	6/21/23			--	13.72	--	608.40

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-6	8/25/21	622.84	10-20	--	14.35	--	608.49
	9/1/21			--	14.49	--	608.35
	10/12/21			--	14.83	--	608.01
	5/4/22			--	13.21	--	609.63
	7/25/22			--	15.04	--	607.80
	8/24/22			--	15.98	--	606.86
	11/2/22			--	18.02	--	604.82
	2/7/23			--	14.34	--	608.50
	6/21/23			--	9.51	--	613.33
MW-7	8/25/21	614.92	8-18	11.45	11.92	0.47	FP
	9/1/21			11.59	11.87	0.28	FP
	10/12/21			12.23	12.25	0.02	FP
	5/4/22			--	8.98	--	605.94
	7/25/22			--	12.42	--	602.50
	8/24/22			--	13.47	--	601.45
	11/2/22			--	15.14	--	599.78
	2/7/23			--	9.10	--	605.82
	6/21/23			--	7.41	--	607.51
MW-8	8/25/21	615.10	5-15	10.45	13.53	3.08	FP
	9/1/21			10.63	13.89	3.26	FP
	10/12/21			11.70	13.36	1.66	FP
	5/4/22			8.20	10.24	2.04	FP
	7/25/22			12.11	13.17	1.06	FP
	8/24/22			13.24	14.32	1.08	FP
	11/2/22			--	DRY	--	DRY
	2/7/23			--	8.91	--	606.19
	6/21/23			--	7.66	--	607.44
MW-9	8/25/21	615.58	7.5-17.5	11.03	11.09	0.06	FP
	9/1/21			11.32	11.36	0.04	FP
	10/12/21			11.71	11.82	0.11	FP
	5/4/22			--	8.21	--	607.37
	7/25/22			--	12.33	--	603.25
	8/24/22			13.55	13.66	0.11	FP
	11/2/22			15.23	16.04	0.81	FP
	2/7/23			--	8.19	--	607.39
	6/21/23			--	7.80	--	607.78
MW-10	8/25/21	608.68	2-12	--	3.62	--	605.06
	9/1/21			--	4.08	--	604.60
	10/12/21			--	4.52	--	604.16
	5/5/22			--	1.03	--	607.65
	7/25/22			--	5.08	--	603.60
	8/23/22			--	6.43	--	602.25
	11/3/22			--	8.72	--	599.96
	2/7/23			--	1.13	--	607.55
	6/22/23			--	COV	--	COV
MW-11	8/25/21	606.78	4-14	--	6.76	--	600.02
	9/1/21			--	7.06	--	599.72
	10/12/21			--	7.34	--	599.44
	5/5/22			--	3.03	--	603.75
	7/25/22			--	7.86	--	598.92
	8/23/22			--	8.95	--	597.83
	11/3/22			--	11.02	--	595.76
	2/7/23			--	2.57	--	604.21
	6/22/23			--	3.13	--	603.65

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-12	8/25/21	611.62	7-17	10.30	10.49	0.19	FP
	9/1/21			10.39	10.95	0.56	FP
	10/12/21			10.31	13.45	3.14	FP
	5/4/22			7.22	8.41	1.19	FP
	7/25/22			11.18	11.59	0.41	FP
	8/23/22			12.19	12.78	0.59	FP
	11/2/22			13.91	14.94	1.03	FP
	2/7/23			--	7.69	--	603.93
	6/21/23			--	7.88	--	603.74
MW-13	8/25/21	610.45	5-15	7.91	11.18	3.21	FP
	9/1/21			8.08	11.22	3.14	FP
	10/12/21			9.06	10.99	1.93	FP
	5/4/22			--	6.04	--	604.41
	7/25/22			9.66	9.69	0.03	FP
	8/23/22			10.46	11.44	0.98	FP
	11/2/22			12.44	12.51	0.07	FP
	2/7/22			--	6.27	--	604.18
	6/21/23			--	6.24	--	604.21
MW-14	8/25/21	608.36	5-15	8.01	10.38	2.37	FP
	9/1/21			8.07	10.32	2.25	FP
	10/12/21			9.12	9.93	0.81	FP
	5/5/22			6.02	6.18	0.16	FP
	7/25/22			9.40	9.81	0.41	FP
	8/23/22			10.31	11.18	0.87	FP
	11/2/22			12.41	12.85	0.44	FP
	2/7/23			--	6.15	--	602.21
	6/21/23			--	5.12	--	603.24
MW-15	9/1/21	610.20	5-15	--	7.89	--	602.31
	10/12/21			--	8.09	--	602.11
	5/5/22			--	6.34	--	603.86
	7/25/22			--	8.54	--	601.66
	8/23/22			--	9.41	--	600.79
	11/3/22			--	11.26	--	598.94
	2/7/23			--	6.02	--	604.18
	6/21/23			--	ABDN	--	ABDN
MW-16	9/1/21	605.95	5-15	--	7.78	--	598.17
	10/12/21			--	8.23	--	597.72
	5/5/22			--	5.56	--	600.39
	7/25/22			--	8.39	--	597.56
	8/23/22			--	9.29	--	596.66
	11/3/22			--	11.25	--	594.70
	2/7/23			--	5.23	--	600.72
	6/21/23			--	5.31	--	600.64
MW-17	8/25/21	601.53	3-13	3.78	3.81	0.03	FP
	9/1/21			3.94	3.99	0.05	FP
	10/12/21			--	4.47	--	597.06
	5/5/22			--	0.13	--	601.40
	7/25/22			--	4.49	--	597.04
	8/23/22			--	5.48	--	596.05
	11/2/22			--	7.33	--	594.20
	2/7/23			--	1.10	--	600.43
	6/22/23			--	1.19	--	600.34

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-18	8/25/21	604.03	4-14	6.27	6.31	0.04	FP
	9/1/21			6.37	6.42	0.05	FP
	10/12/21			4.14	13.63	9.49	FP
	5/5/22			2.93	3.11	0.18	FP
	7/25/22			--	7.03	--	597.00
	8/23/22			--	8.07	--	595.96
	11/2/22			8.66	13.47	4.81	FP
	2/7/23			--	2.99	--	601.04
	6/22/23			--	3.63	--	600.40
	MW-19			9/1/21	605.81	5-15	--
10/12/21		--	9.46	--			596.35
5/5/22		--	5.03	--			600.78
7/25/22		--	9.21	--			596.60
8/23/22		--	10.83	--			594.98
11/3/22		--	12.73	--			593.08
2/7/23		4.73	5.04	0.31			FP
6/22/23		4.19	4.63	0.44			FP
MW-20	9/1/21	601.51	3-13	--	5.41	--	596.10
	10/12/21			--	6.08	--	595.43
	5/4/22			--	1.72	--	599.79
	7/25/22			--	5.92	--	595.59
	8/23/22			--	6.89	--	594.62
	11/3/22			--	8.66	--	592.85
	2/7/23			--	2.11	--	599.40
	6/22/23			--	2.83	--	598.68
MW-21	9/1/21	604.50	5-15	--	8.91	--	595.59
	10/12/21			--	8.68	--	595.82
	5/5/22			--	6.74	--	597.76
	7/25/22			--	9.38	--	595.12
	8/23/22			--	9.63	--	594.87
	11/3/22			--	10.53	--	593.97
	2/7/23			--	5.27	--	599.23
	6/21/23			--	ABDN	--	ABDN
MW-22	9/1/21	600.57	5-15	--	8.81	--	591.76
	10/12/21			--	9.38	--	591.19
	5/4/22			--	5.04	--	595.53
	7/25/22			--	9.54	--	591.03
	8/23/22			--	10.50	--	590.07
	11/3/22			--	12.07	--	588.50
	2/7/23			--	6.44	--	594.13
	6/22/23			--	6.53	--	594.04
MW-23	9/1/21	602.51	5-15	--	10.71	--	591.80
	10/12/21			--	11.26	--	591.25
	5/4/22			--	6.64	--	595.87
	7/25/22			--	11.35	--	591.16
	8/23/22			--	12.34	--	590.17
	11/3/22			--	13.93	--	588.58
	2/7/23			--	7.89	--	594.62
	6/22/23			--	8.24	--	594.27
MW-24	9/1/21	602.73	5-15	--	11.60	--	591.13
	10/12/21			--	11.60	--	591.13
	5/4/22			--	6.96	--	595.77
	7/25/22			--	11.69	--	591.04
	8/23/22			--	12.68	--	590.05
	11/3/22			--	14.27	--	588.46
	2/7/23			--	8.26	--	594.47
	6/22/23			--	8.73	--	594.00

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
MW-25	8/25/21	606.98	6-16	--	8.23	--	598.75
	9/1/21			--	8.31	--	598.67
	10/12/21			--	8.72	--	598.26
	5/5/22			--	4.15	--	602.83
	7/25/22			--	9.08	--	597.90
	8/23/22			--	10.16	--	596.82
	11/3/22			--	12.30	--	594.68
	2/7/23			--	3.68	--	603.30
	6/22/23			--	4.64	--	602.34
RW-1	9/1/21	624.54	10-20	18.35	19.22	0.87	FP
	10/12/21			19.20	19.66	0.46	FP
	5/4/22			15.97	16.34	0.37	FP
	7/25/22			19.23	19.66	0.43	FP
	8/24/22			--	19.69	--	604.85
	11/2/22			--	DRY	--	DRY
	2/7/23			--	17.59	--	606.95
	6/21/23			--	16.33	--	608.21
RW-2	9/1/21	623.44	10-20	17.27	18.12	0.85	FP
	10/12/21			18.11	19.15	1.04	FP
	5/4/22			--	14.88	--	608.56
	7/25/22			--	18.44	--	605.00
	8/24/22			--	DRY	--	DRY
	11/2/22			--	DRY	--	DRY
	2/7/23			--	16.63	--	606.81
	6/21/23			--	15.18	--	608.26
RW-3	9/1/21	623.34	10-20	17.48	18.25	0.77	FP
	10/12/21			18.26	19.16	0.90	FP
	5/4/22			--	15.16	--	608.18
	7/25/22			--	18.62	--	604.72
	8/24/22			19.65	19.67	0.02	FP
	11/2/22			--	DRY	--	DRY
	2/7/23			--	16.54	--	606.80
	6/21/23			--	15.41	--	607.93
DW-1	9/1/21	624.84	40-45	--	18.87	--	605.97
	10/12/21			--	19.73	--	605.11
	5/4/22			--	16.36	--	608.48
	7/25/22			--	19.73	--	605.11
	8/23/22			--	21.07	--	603.77
	11/2/22			--	22.99	--	601.85
	2/7/23			--	18.16	--	606.68
	6/21/23			--	16.57	--	608.27
DW-2	9/1/21	611.79	35-40	--	9.46	--	602.33
	10/12/21			--	10.11	--	601.69
	5/4/22			--	8.14	--	603.65
	7/25/22			--	10.32	--	601.47
	8/23/22			--	11.38	--	600.41
	11/2/22			--	13.28	--	598.51
	2/7/23			--	8.78	--	603.01
	6/21/23			--	6.81	--	604.98
DW-3	9/1/21	610.33	35-40	--	8.69	--	601.64
	10/12/21			--	9.29	--	601.04
	5/4/22			--	5.79	--	604.54
	7/25/22			--	9.46	--	600.87
	8/23/22			--	10.47	--	599.86
	11/2/22			--	12.40	--	597.93
	2/7/23			--	6.09	--	604.24
	6/21/23			--	5.92	--	604.41

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	Free Product Thickness	GW Elevation
DW-4	9/1/21	602.27	20-25	--	10.47	--	591.80
	10/12/21			--	10.97	--	591.30
	5/4/22			--	6.83	--	595.44
	7/25/22			--	10.08	--	592.19
	8/23/22			--	11.59	--	590.68
	11/2/22			--	13.02	--	589.25
	2/7/23			--	8.85	--	593.42
	6/22/23			--	7.52	--	594.75

APPENDIX G

Disposal Manifest

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Baharhar Mata LLC
311 Oakmonte Circle, Greenwood SC 29649

Quick Pantry # 11
1802 S. Main St. Greenwood, SC

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number

KLM Environmental LLC

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

US Water Recovery LLC
511 Old Mt. Holly Rd. Goose Creek, SC 29445

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No.

Type

1. Ridge water for Quick Pantry # 11 on hold pending minimum disposal amount of 1,000 gallons

77

gal.

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/Offoror's Printed/Typed Name

Signature

Month Day Year

Baharhar Mata

[Signature]

6 30 23

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Baharhar Mata

[Signature]

6 30 23

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

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

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

APPENDIX H

Zoning Information

APPENDIX I

Fate and Transport Modeling

APPENDIX J

Access Agreements

APPENDIX K

Checklist

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the "No" box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	✓		
2	Is UST Owner/Operator name, address, & phone number provided?	✓		
3	Is name, address, & phone number of current property owner provided?	✓		
4	Is the SCDHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	✓		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?			✓
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	✓		
7	Has the facility history been summarized?	✓		
8	Has the regional geology and hydrogeology been described?	✓		
9	Are the receptor survey results provided as required?	✓		
10	Has current use of the site and adjacent land been described?	✓		
11	Has the site-specific geology and hydrogeology been described?	✓		
12	Has the primary soil type been described?	✓		
13	Have field screening results been described?			✓
14	Has a description of the soil sample collection and preservation been detailed?			✓
15	Has the field screening methodology and procedure been detailed?			✓
16	Has the monitoring well installation and development dates been provided?			✓
17	Has the method of well development been detailed?			✓
18	Has justification been provided for the locations of the monitoring wells?			✓
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	✓		
20	Has the groundwater sampling methodology been detailed?	✓		
21	Have the groundwater sampling dates and groundwater measurements been provided?	✓		
22	Has the purging methodology been detailed?	✓		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	✓		
24	If free-product is present, has the thickness been provided?	✓		
25	Does the report include a brief discussion of the assessment done and the results?	✓		
26	Does the report include a brief discussion of the aquifer evaluation and results?			✓
27	Does the report include a brief discussion of the fate & transport models used?			✓

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)			✓
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			✓
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			✓
31	Have recommendations for further action been provided and explained?	✓		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)			✓
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	✓		
34	Has the current and historical laboratory data been provided in tabular format?	✓		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			✓
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)			✓
37	Has the topographic map been provided with all required elements? (Figure 1)	✓		
38	Has the site base map been provided with all required elements? (Figure 2)	✓		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	✓		
40	Has the site potentiometric map been provided? (Figure 5)	✓		
41	Have the geologic cross-sections been provided? (Figure 6)			✓
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			✓
43	Has the site survey been provided and include all necessary elements? (Appendix A)	✓		
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	✓		
45	Is the laboratory performing the analyses properly certified?	✓		
46	Has the tax map been included with all necessary elements? (Appendix C)			✓
47	Have the soil boring/field screening logs been provided? (Appendix D)			✓
48	Have the well completion logs, DHEC Form 2099, and DHEC Form 1903 been provided? (Appendix E)			✓
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)	✓		
50	Have the disposal manifests been provided? (Appendix G)	✓		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			✓
52	Has all fate and transport modeling been provided? (Appendix I)			✓
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			✓
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	✓		



BAHCHAR MATA LLC
ATTN MIKE PATEL
311 OARMOTE CIRCLE
GREENWOOD SC 29649

'AUG 21 2023

Re: **Monitoring Report Review**

Quick Pantry 19, 1802 S Main St., Greenwood, SC
UST Permit #04785; CA #67144 and #67145
Release #2 and #3 reported March 9, 2021, and September 28, 2021
Monitoring Report received July 31, 2023
Greenwood County

Dear Mr. Patel:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced Monitoring Report documenting the most recent groundwater sampling activities.

The UST Division would like to provide you with the following comments on the Monitoring Report:

- Before the next sampling event (mid- September 2023), the additional wells should be completed such that gaps in the off-site assessment data are minimized.
- Multiple AFVR events have been completed that have worked extremely well to abate the quantity of free product and to slow plume migration.
- Low concentrations persist in the creek and down-gradient pond.
- The next sampling event should be completed as a baseline for a pay-for performance corrective action. If any additional activities are needed, please submit a cost agreement addendum to add those activities.
- Additional correspondence will be forthcoming regarding the calculated Site-Specific Target Levels and Corrective Action Procedures.
- Now is a good time to start completing a review of all site conditions and evaluating corrective action alternatives.

In accordance with the Site-Specific Work Plan Approval and Notice to Proceed dated May 31, 2023, the next groundwater sampling event may proceed with sampling to occur around September 21, 2023. **The next quarterly Monitoring Report, contractor checklist (QAPP Appendix K), and invoice should be submitted on or before October 29, 2023.** Please notify the UST Project Manager and the UST Quality Assurance Coordinator at least 7 days prior to any field activities.

If the report cannot be submitted by the required due date, an extension may be requested by submitting a written request, either via postal mail or email, to my attention prior to the due date. The Department will issue a Notice of Alleged Violation if the report is not submitted by the required due date.

Page 2

On all correspondence regarding this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0608, by fax at (803) 898-0673, or by email at minerrs@dhec.sc.gov.

Sincerely,

Read S Miner

Read S. Miner, P.G., Hydrogeologist
Corrective Action & Field Support Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: KLM Environmental, LLC, PO Box 2704, Goose Creek, SC 29445
Technical File

Document Receipt Information

Hard Copy

CD

Date Received 10-10-23

Permit Number 04785

Project Manager Read Meneu

Name of Contractor KLM ENV

Docket Title Well Install / AFR

Document Number 189464

Scanned _____

AFVR, WELL INSTALLATION, & PASSIVE RECOVERY REPORT
Quick Pantry # 19
Greenwood, South Carolina
Site ID# 04785



KLM Environmental, LLC

Phase I Phase II Underground Storage Tanks-Soil & Water Sampling-Well Installation
PO Box 2704
Goose Creek, SC 29445
843-870-4285 Phone
843-797-1893 Fax

October 4th, 2023

Prepared for:

Mr. Read Miner, PG
Remediation Section
SCDHEC-USMD
2600 Bull Street
Columbia, SC 29201

Prepared by:

KLM Environmental, LLC.
PO Box 2704
Goose Creek, SC 29445
(843) 870-4285
UST Contractor # 345

Project # 21547.8

SIGNATURE PAGE

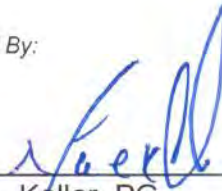
This report entitled "AFVR, WELL INSTALLATION, & PASSIVE RECOVERY REPORT" for Quick Pantry # 19 has been prepared at the request of and for the exclusive use of the South Carolina Department of Health and Environmental Control. It has been prepared and reviewed by the undersigned.

Prepared By:



Graham P. Robinson
Hydrogeologist

Reviewed By:



Mark L. Keller, PG
President

10 / 4 / 2023

Date



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1.0 INTRODUCTION

The Quick Pantry # 19 site is located at 1802 South Main Street in Greenwood, South Carolina. A general site location map is provided as Figure 1 in Appendix A. Due to the large area needed for mapping, the site map has been split into Site Map One shown as Figure 2, and Site Map Two as Figure 2b. The property owner is SMVS Real Estate, LLC located at 1802 South Main Street in Greenwood, SC 29646. The UST responsible party is Bahuchar Mata, LLC located at 311 Oakmonte Circle in Greenwood, SC 29649; phone 864-378-6993. KLM Environmental is the Certified UST Site Rehabilitation Contractor performing the work (Certification # 345). KLM's address is PO Box 2704, Goose Creek, SC 29445; phone 843-870-4285. Analytical Environmental Services, Inc. is the certified laboratory used to analyze the samples for this work (Certification # 98016003). AES's main address is 3080 Presidential Drive, Atlanta, GA 30340, phone # 770-457-8177.

The Quick Pantry # 19 site is an active gasoline station surrounded by residential and commercial property. This site is zoned General Commercial by Greenwood County. A copy of the zoning information can be found on the Greenwood County website. The site currently contains three underground storage tanks consisting of two 4,000-gallon gasoline tanks and one 5,000-gallon gasoline tank. The 4,000-gallon tanks are in use, but the 5,000-gallon gasoline tank has been abandoned in place due to a failed tank tightness test in February of 2021. There are two dispensers associated with these tanks. The investigation of this site was prompted by reports of a petroleum smell near the housing complex on Foundry Road. The release was reported on March 9th, 2021 in response to a failed tank tightness test and the presence of free product around the tank pit. KLM Environmental was tasked with the emergency abatement of the release, and abatement actions were initiated by shutting down the leaking tank and installing a skimming system of oil-absorbent booms to catch the petroleum on the creek's surface. After the installation of the boom system, KLM Environmental began a series of long duration Aggressive Fluid and Vapor Recovery (AFVR) events along with coordination with the SCDHEC for the Tier II Assessment. A new release was reported on September 28th, 2021 by KLM Environmental after a fuel drop was completed in the previously failed UST. Corrective actions for that release are being conducted in conjunction with Release #1.

The subject site is primarily underlain by a sand clay mixture that transitions from sandy loam to clay loam and is further underlain by Charlotte Terrane meta-igneous rocks.

For a list of all previous work on this site, please refer to Section 4.0 of this report. This report serves to provide the results from the recent recovery well installation, subsequent AFVR events, and passive free-product recovery conducted at the site as requested by the SCDHEC Project Manager.

2.0 ASSESSMENT INFORMATION

2.1 Well Installation

The SCDHEC Project Manager and KLM agreed on the locations and depths of proposed recovery wells, and a directive was issued by the SCDHEC Project Manager on May 31st, 2023 for the installation of four recovery wells, the installation of skimmer socks, and five 96-hour AFVR events. The recovery wells were installed June 28th through June 29th, 2023 in the locations shown on the attached site map. The wells were installed by Mark Keller (SC Driller # 1554) with Grandview Holdings, LLC. During the well installation, soil was screened at 2-foot intervals using a handheld PID. After installation the wells were developed by KLM personnel on July 7th, 2023.

The well installation logs and development logs are included in Appendix E. A manifest for the soil (0.73 tons) is provided in Appendix G. A subsequent survey was conducted by KLM personnel on July 6th, 2023. The site maps are attached as Figure 2a and Figure 2b in Appendix A showing pertinent well locations and other features.

2.2 AFVR Information

Five 96-hour AFVR events were conducted following the installation of the new recovery wells RW-4, RW-5, RW-6, and RW-7. The events took place from July 10th, 2023 through August 11th, 2023. The first 96-hour AFVR event was conducted on MW-1 and RW-2; the second event was conducted on MW-3 and MW-5; the third event was conducted on RW-4, RW-5, MW-8, and MW-9; the fourth event was conducted on RW-6, MW-12, and MW-13; and the final event was conducted on RW-7, MW-17, and MW-18. The wells were gauged before and after each event. Results from the 96-hour AFVR events are provided in the tables attached in Appendix C. Recovery rates were outstanding, with 924 gallons recovered as vapor in week 1, 1008 gallons in week 2, 1064 gallons in week 3, 885 gallons in week 4, and 1024 gallons recovered in week 5. In total: 4,905 gallons of petroleum were recovered as vapor and 9,743 gallons of contaminated water were recovered during the five events.

Off-gas treatment was conducted utilizing a thermal oxidizer designed to destroy 99+% of all contaminants put through the system. A photograph of the unit is included in Appendix C along with brief specifications. All of the remaining information requested in the AFVR Report is provided as attachments in Appendix C.

2.3 Passive Recovery Information

KLM also implemented a passive recovery system to remove additional free product in the subsurface using oil absorbent monitoring well skimmer socks placed inside the monitoring wells that have historically contained free product. The skimmer socks were installed on August 11th, 2023 immediately following the conclusion of the AFVR events. KLM personnel returned on August 28th, 2023, and September 25th, 2023, to collect the recovered free product from the skimmer socks and to replace the socks with new ones. The wells were gauged prior to the installation of the oil absorbent skimmer socks on August 11th, 2023, and gauged again on August 28th and September 25th, 2023, to document changes in free product recovery and thickness. A table showing the groundwater elevation data and free product measurements from each gauging event is included.

The SCDHEC Project Manager also requested that KLM replace the oil absorbent booms in the interception trench. On August 14th, 2023, KLM mobilized a tractor to the site and removed the old oil absorbent booms and replaced them with new ones.

Results from the passive recovery event are as follows:

TABLE 1 Skimmer Recovery Data Quick Pantry # 19 Greenwood, SC							
Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	FP Recovered (ml)
MW-1	8/11/23	623.56	X-28.5	15.76	15.79	0.03	--
	8/28/23			--	17.63	--	25
	9/7/23			--	17.13	--	75
	9/25/23			--	18.61	--	50
MW-2	8/11/23	623.38	10-20	--	16.04	--	--
	8/28/23			--	18.11	--	0
	9/7/23			--	17.62	--	10
	9/25/23			--	19.14	--	10
MW-3	8/11/23	625.10	10-20	--	16.36	--	--
	8/28/23			--	17.40	--	10
	9/7/23			--	16.96	--	10
	9/25/23			--	18.48	--	10
MW-4	8/11/23	623.30	10-20	--	15.54	--	--
	8/28/23			--	17.71	--	0
	9/7/23			--	17.19	--	10
	9/25/23			--	18.66	--	0

TABLE 1 Cont.
 Skimmer Recovery Data
 Quick Pantry # 19
 Greenwood, SC

Monitoring Well	Date	TOC Elevation	Screened Interval	TOC to FP	TOC to GW	FP Thickness	FP Recovered (ml)
MW-5	8/11/23	622.12	10-20	--	14.16	--	--
	8/28/23			--	16.12	--	0
	9/7/23			--	15.62	--	0
	9/25/23			--	18.04	--	0
MW-7	8/11/23	614.92	8-18	--	9.60	--	--
	8/28/23			--	11.62	--	0
	9/7/23			--	11.08	--	10
	9/25/23			--	12.60	--	10
MW-8	8/11/23	615.10	5-15	--	9.68	--	--
	8/28/23			--	11.64	--	10
	9/7/23			--	11.16	--	100
	9/25/23			--	12.64	--	250
MW-9	8/11/23	615.58	7.5-17.5	--	9.71	--	--
	8/28/23			--	11.67	--	5
	9/7/23			--	11.19	--	10
	9/25/23			--	12.65	--	10
MW-12	8/11/23	611.62	7-17	--	8.60	--	--
	8/28/23			--	10.68	--	10
	9/7/23			--	10.14	--	0
	9/25/23			--	11.64	--	10
MW-13	8/11/23	610.45	5-15	--	7.11	--	--
	8/28/23			--	9.16	--	5
	9/7/23			--	8.61	--	0
	9/25/23			--	10.11	--	50
MW-14	8/11/23	608.36	5-15	--	6.73	--	--
	8/28/23			--	8.91	--	0
	9/7/23			--	8.42	--	0
	9/25/23			--	9.92	--	0
MW-18	8/11/23	604.03	4-14	--	8.48	--	--
	8/28/23			--	10.52	--	5
	9/7/23			--	9.43	--	50
	9/25/23			--	9.06	--	50
MW-19	8/11/23	605.81	5-15	6.23	6.51	0.28	--
	8/28/23			--	9.70	--	90
	9/7/23			--	9.24	--	200
	9/25/23			--	9.61	--	300

3.0 CONCLUSIONS

Results regarding recovery rates were outstanding during these events with 4,905 gallons recovered as vapor. Additionally, the petroleum socks recovered 0.37 gallons of free phase product during the time they were installed in the monitoring wells. To date, a total of 1,063.56 gallons of free product have been recovered (not including product recovered by the surface water booms as that amount could not be estimated), and 10,299.32 gallons of product have been recovered as vapor.

Due to the very high recovery rates documented in the AFVR events conducted at the site, and the very widespread contamination persisting at the site, KLM recommends continued AFVR events to continue to recover both free phase and off gas vapor in order to protect the creek and surrounding areas from further impact. The removal of the free product is still an abatement action that is ongoing. KLM will continue to remove free product at the site, as necessary.

Three additional sampling events are planned at the Quick Pantry # 19 site to monitor contaminant levels on site, and work for one of those events has already commenced. Additional delineation of the plume to the east and northeast should be considered as that area is now undefined due to contaminant migration.

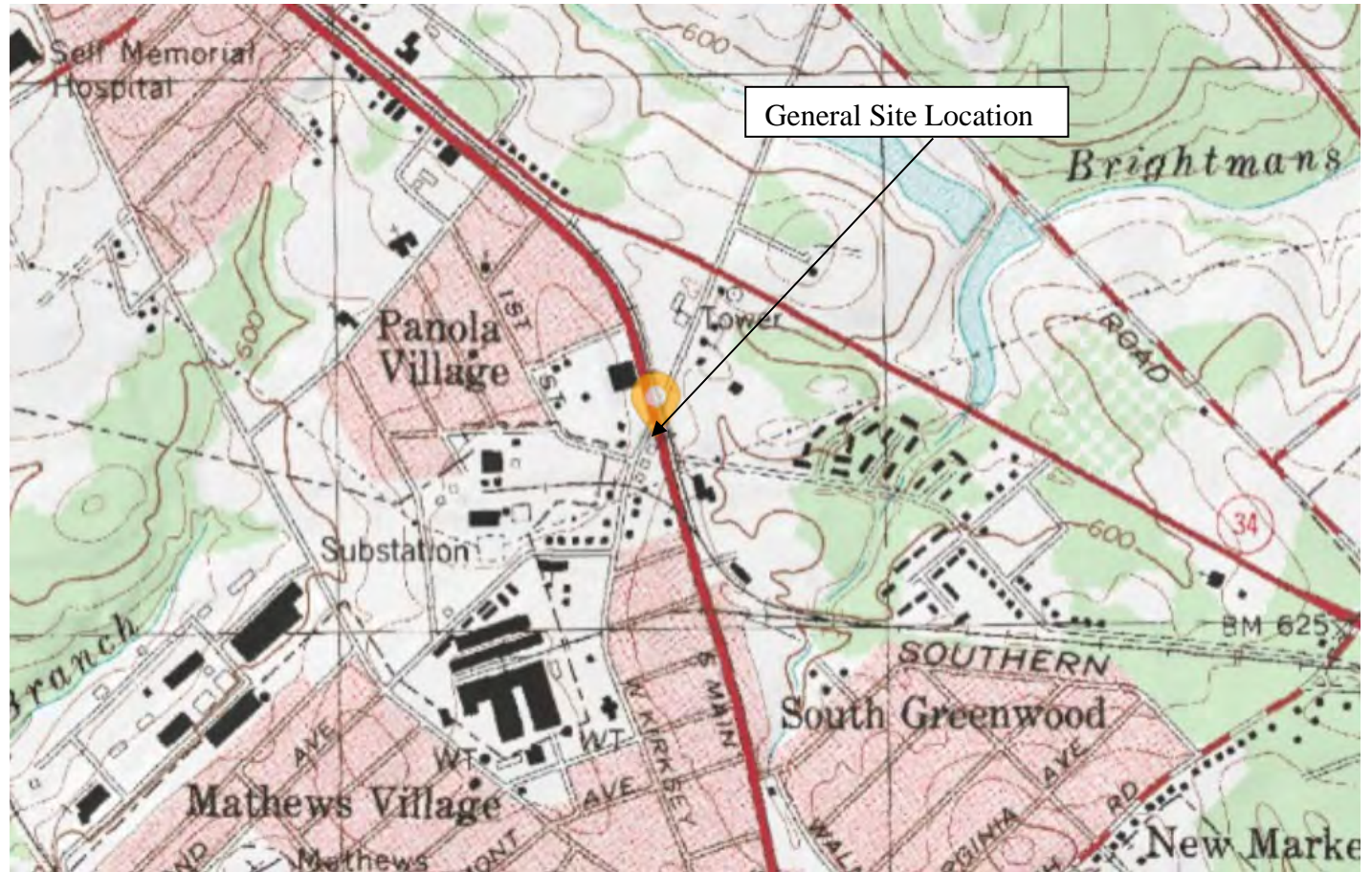
4.0 REFERENCES

KLM Environmental, LLC, *Monitoring Report*, July 2023.
KLM Environmental, LLC, *Well Abandonment Report*, June 2023.
KLM Environmental, LLC, *AFVR & Passive Recovery Report*, February 2023.
KLM Environmental, LLC, *Monitoring Report*, November 2022.
KLM Environmental, LLC, *Monitoring Report*, September 2022.
KLM Environmental, LLC, *AFVR Report*, July 2022.
KLM Environmental, LLC, *Monitoring Report*, May 2022.
KLM Environmental, LLC, *Tier II Addendum Report*, February 2022.
KLM Environmental, LLC, *AFVR Report*, January 2022.
KLM Environmental, LLC, *Tier II Report*, October 2021.
KLM Environmental, LLC, *AFVR Report*, August 2021.
KLM Environmental, LLC, *AFVR Report*, June 2021.
KLM Environmental, LLC, *AFVR Report*, April 2021.
KLM Environmental, LLC, *Initial Containment Boom Report*, April 2021.
KLM Environmental, LLC, *Initial Sampling Report*, March 2021.

South Carolina Department of Health and Environmental Control Bureau of Land and Waste Management Underground Storage Tank Program, *South Carolina Quality Assurance Program Plan Revision 4.0*, July 2020.

APPENDIX A

Figures



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 1

USGS Map

Quick Pantry # 19

Greenwood, SC

UST # 04785

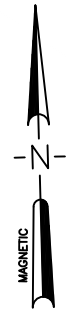
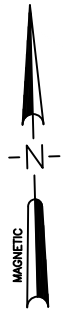


FIGURE 2
SITE MAP
QUICK PANTRY # 19
GREENWOOD, SC UST # 04785



TMS# 6855-562-314

TMS# 6855-550-186

TMS# 6855-550-186

CMF

FOUNDRY RD

SW-5

POND

OHIO CT

TMS# 6855-550-186

SW-6

NEW YORK CT

KLM Environmental, LLC
Phase I: Phase II: Underground Storage Tanks-Soil & Water Sampling-Well Installation



FIGURE 2B
SITE MAP TWO
QUICK PANTRY # 19
GREENWOOD, SC UST # 04785

APPENDIX B

Laboratory Data / Sampling Sheets

APPENDIX C

Tax Map / AFVR Information

Site Location: Quick Pantry #19

Date: 7/10/2023 – 7/14/2023

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:

General Weather Conditions:
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-1	RW-2		MW-2		MW-3			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
10/10/2023									
10:00	-19	-18		15.25	-00	13.12	-00		
18:00	-18	-18		15.22	-03	13.13	-01		
24:00	-18	-17		15.26	-05	13.15	-00		
7/11/2023									
8:00	-18	-18		15.33	-04	13.17	-01		
16:00	-18	-17		15.39	-04	13.15	-01		
24:00	-18	-18		15.42	-04	13.16	-01		
7/12/2023									
8:00	-18	-18		15.59	-05	13.19	-00		
16:00	-17	-17		15.63	-03	13.17	-01		
24:00	-19	-17		15.65	-03	13.12	-00		
7/13/2023									
8:00	-18	-17		15.98	-04	13.13	-01		
16:00	-19	-18		16.03	-03	13.15	-00		
24:00	-19	-18		16.19	-04	13.19	-01		
7/14/2023									
8:00	-18	-17		16.25	-04	13.21	-00		
10:00	-17	-17		16.29	-03	13.24	-01		



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table
Quick Pantry # 19
1802 South Main St.
Greenwood, SC
UST # 04785
7/10/2023 – 7/14/2023

Site Location: Quick Pantry #19

Date: 7/17/2023 – 7/21/2023

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:

General Weather Conditions:
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)					
	MW-3	MW-5		MW-6		MW-4			
	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
7/17/2022									
10:00	-18	-19		15.19	-00	16.81			
18:00	-18	-19		15.22	-01	16.80			
24:00	-18	-17		15.20	-02	16.83			
7/18/2022									
10:00	-19	-17		15.18	-01	16.84			
18:00	-18	-17		15.21	-00	16.81			
24:00	-18	-18		15.23	-02	16.85			
7/19/2022									
10:00	-17	-19		15.26	-00	16.89			
18:00	-19	-19		15.29	-00	16.86			
24:00	-19	-18		15.33	-02	16.90			
7/20/2022									
10:00	-18	-18		15.42	-00	16.93			
18:00	-18	-19		15.40	-01	16.89			
24:00	-18	-18		15.43	-01	16.91			
7/21/2022									
8:00	-18	-18		15.49	-02	16.96			
10:00	-19	-19		15.51	-01	16.95			

MW-4 In high traffic area.



KLM Environmental, LLC
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table
Quick Pantry # 19
1802 South Main St.
Greenwood, SC
UST # 04785
7/17/2023 – 7/21/2023

Site Location: Quick Pantry #19

Date: 7/24/2023 – 7/28/2023

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:
Chris Austin

General Weather Conditions:
Sunny/Clear

Time	Target Well				Adjacent Well (every 2 Hrs)					
	RW-4 Hg	RW-5 Hg	MW-8 Hg	MW-9 Hg	MW-7 DTW Hg		MW-12 DTW Hg		DTW	Hg
7/24/2023										
10:00	-17	-16	-18	-18	8.36	-00	9.17	-00		
12:00	-17	-18	-18	-18	8.37	-00	9.22	-03		
14:00	-18	-18	-17	-19	8.35	-01	9.34	-02		
7/25/2023										
8:00	-17	-17	-17	-17	8.43	-01	9.49	-02		
16:00	-17	-16	-16	-16	8.45	-02	9.54	-02		
24:00	-17	-17	-18	-18	8.41	-01	9.58	-01		
7/26/2023										
8:00	-18	-16	-17	-17	8.56	-02	9.63	-02		
16:00	-18	-16	-17	-17	8.72	-01	9.67	-02		
24:00	-17	-18	-18	-18	8.78	-01	9.65	-02		
7/27/2023										
8:00	-17	-16	-16	-19	8.83	-00	9.72	-01		
16:00	-17	-16	-18	-17	8.79	-02	9.70	-02		
24:00	-17	-16	-18	-17	8.82	-01	9.75	-01		
7/28/2023										
8:00	-17	16	-17	-18	8.89	-02	9.77	-02		
10:00	-18	-17	-17	-17	8.93	-02	9.82	-02		



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table
Quick Pantry #19
1802 South Main Street
Greenwood, SC
Site ID #04785
7/24/2023 – 7/28/2023

Site Location: Quick Pantry #19

Date: 7/31/2023 – 8/4/2023

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:
Chris Austin

General Weather Conditions:
Sunny/Clear

Time	Target Well				Adjacent Well (every 2 Hrs)					
	MW-12	MW-13	RW-6		MW-7		MW-8			
	Hg	Hg	Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
7/31/2023										
10:00	-16	-18	-18		8.51	-00	12.98	-00		
12:00	-16	-18	-18		8.53	-01	13.02	-01		
14:00	-16	-17	-18		8.50	-00	13.01	-01		
8/1/2023										
8:00	-16	-17	-18		8.55	.02	13.03	-01		
16:00	-17	-17	-16		8.56	.02	13.03	-02		
24:00	-16	-17	-16		8.58	.02	13.06	-00		
8/2/2023										
8:00	-16	-16	-17		8.63	.02	13.10	-00		
16:00	-18	-18	-17		8.66	.01	13.14	-02		
24:00	-17	-18	-17		8.71	.02	13.21	-01		
8/3/2023										
8:00	-16	-17	-18		8.83	.03	13.25	-01		
16:00	-17	-17	-18		8.87	.02	13.28	-01		
24:00	-17	-17	-16		8.85	.02	13.26	-01		
8/4/2023										
8:00	-17	17	-18		8.91	.03	13.31	-00		
10:00	-16	-17	-17		8.96	.02	13.33	-02		



KLM Environmental, LLC
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table
Quick Pantry #19
1802 South Main Street
Greenwood, SC
Site ID #04785
7/31/2023 – 8/4/2023

Site Location: Quick Pantry #19

Date: 8/7/2023 – 8/11/2023

Site Conditions: Site was in good condition. Wells were found in good condition.

AFVR Contractor:
Vacuum Recovery
Technologies, LLC

Field Personnel:
KLM Environmental, LLC:
Chris Austin

General Weather Conditions:
Sunny/Clear

Time	Target Well			Adjacent Well (every 2 Hrs)						
	MW-17 Hg	MW-18 Hg	RW-7 Hg	Hg	DTW	Hg	DTW	Hg	DTW	Hg
8/7/2023										
10:00	-18	-18	-17		7.81	-00	7.08	-00		
12:00	-18	-18	-17		7.84	-00	7.02	-00		
14:00	-18	-16	-16		7.83	-01	7.01	-00		
8/8/2023										
8:00	-17	-16	-16		7.87	-02	7.03	-01		
16:00	-18	-18	-16		7.89	-01	7.03	-00		
24:00	-18	-17	-17		7.86	-01	7.06	-00		
8/9/2023										
8:00	-17	-18	-16		7.90	-01	7.10	-01		
16:00	-17	-18	-16		7.89	-01	7.14	-01		
24:00	-17	-17	-16		7.93	-00	7.21	-00		
8/10/2023										
8:00	-18	-16	-16		7.97	-00	7.25	-01		
16:00	-18	-16	-17		7.95	-00	7.28	-00		
24:00	-18	-16	-17		7.97	-01	7.26	-01		
8/11/2023										
8:00	-17	18	-17		8.02	-02	7.31	-00		
10:00	-18	-16	-17		8.00	-01	7.33	-00		



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Vacuum Gauge Table
Quick Pantry #19
1802 South Main Street
Greenwood, SC
Site ID #04785
8/7/2023 – 8/11/2023

Table 1
AFVR Event Data

7/10/2023 - 7/14/2023
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)			Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-1	RW-2		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
7/10/2023	10:00	14.83	15.24		-22	585.4	93.2	76.2	59.2	1984	28.3	98.57
7/10/2023	10:30	15.33	15.74		-22	580.0	102.8	75.5	55.4	5792	134.2	97.68
7/10/2023	11:00	15.83	16.24		-22	583.1	121.1	75.9	52.9	12694	142.8	98.88
7/10/2023	11:30	16.33	16.74		-22	583.1	120.9	75.9	58.6	12518	151.3	98.79
7/10/2023	12:00	17	17.24		-22	578.5	135.9	75.3	53.6	13487	187.3	98.61
7/10/2023	12:30	18	17.74		-22	594.6	130.2	77.4	59.3	12954	189.1	98.54
7/10/2023	13:00	19	18.24		-22	586.9	131.1	76.4	62.8	13128	173.9	98.68
7/10/2023	13:30	20	18.74		-22	584.6	134.9	76.1	54.6	13667	192.2	98.59
7/10/2023	14:00	21	19.24		-22	580.0	132.4	75.5	57.2	14142	202.9	98.57
7/10/2023	14:30	22	19.24		-22	600.8	134.2	78.2	52.4	14248	198.9	98.60
7/10/2023	15:00	23	19.24		-22	582.3	133.7	75.8	59.6	13928	205.7	98.52
7/10/2023	15:30	24	19.24		-22	594.6	135.1	77.4	51.9	13745	198.3	98.56
7/10/2023	16:00	25	19.24		-22	569.3	132.5	74.1	57.3	14098	203.4	98.56
7/10/2023	16:30	26	19.24		-18	595.4	134.9	77.5	62.7	14678	196.6	98.66
7/10/2023	17:00	27	19.24		-18	609.2	139.7	79.3	56.8	14423	202.6	98.60
7/10/2023	17:30	28	19.24		-18	574.7	140.3	74.8	53.4	14845	206.7	98.61
7/10/2023	18:00	28	19.24		-18	586.2	138.7	76.3	59.9	14519	202.1	98.61
7/10/2023	19:00	28	19.24		-18	569.3	141.9	74.1	64.2	13878	178.4	98.71
7/10/2023	20:00	28	19.24		-18	616.1	137.5	80.2	60.5	13297	182.6	98.63
7/10/2023	21:00	28	19.24		-18	610.8	135.5	79.5	66.7	12841	175.3	98.63
7/10/2023	22:00	28	19.24		-18	601.5	132.3	78.3	63.5	13493	192.5	98.57
7/10/2023	23:00	28	19.24		-18	577.0	128.7	75.1	59.3	13136	194.1	98.52
7/10/2023	0:00	28	19.24		-18	589.3	131.9	76.7	55.8	12987	199.8	98.46
7/11/2023	8:00	28	19.24		-18	593.1	128.3	77.2	57.5	13322	196.2	98.53
7/11/2023	9:00	28	19.24		-19	621.5	134.6	80.9	52.3	13668	185.6	98.64
7/11/2023	10:00	28	19.24		-19	603.8	136.1	78.6	61.5	13725	186.9	98.64
7/11/2023	12:00	28	19.24		-19	575.4	143.2	74.9	68.8	13475	184.2	98.63
7/11/2023	14:00	28	19.24		-19	610.0	139.8	79.4	64.2	13139	180.1	98.63
7/11/2023	16:00	28	19.24		-19	585.4	141.5	76.2	73.6	12977	184.4	98.58
7/11/2023	18:00	28	19.24		-19	616.9	142.1	80.3	68.9	13053	176.5	98.65
7/11/2023	20:00	28	19.24		-19	628.4	137.4	81.8	72.5	13166	179.4	98.64
7/11/2023	22:00	28	19.24		-19	601.5	142.8	78.3	75.7	12984	177.8	98.63
7/11/2023	0:00	28	19.24		-19	607.7	139.6	79.1	70.2	12956	178.2	98.62
7/12/2023	8:00	28	19.24		-20	587.7	132.3	76.5	68.3	13029	180.2	98.62
7/12/2023	10:00	28	19.24		-20	578.5	138.9	75.3	65.9	12981	176.5	98.64
7/12/2023	12:00	28	19.24		-20	580.0	141.5	75.5	56.1	11539	200.4	98.26
7/12/2023	14:00	28	19.24		-20	592.3	145.3	77.1	52.9	12378	214.6	98.27
7/12/2023	16:00	28	19.24		-20	586.2	143.7	76.3	55.4	13829	189.3	98.63
7/12/2023	18:00	28	19.24		-20	573.1	139.5	74.6	51.7	14215	193.7	98.64
7/12/2023	20:00	28	19.24		-20	603.8	141.1	78.6	49.3	14289	199.1	98.61
7/12/2023	22:00	28	19.24		-20	616.1	137.2	80.2	54.5	14057	211.2	98.50
7/12/2023	0:00	28	19.24		-20	590.8	139.8	76.9	58.9	14162	213.9	98.49
7/13/2023	8:00	28	19.24		-20	610.8	131.4	79.5	53.6	13844	229.5	98.34
7/13/2023	10:00	28	19.24		-20	597.7	135.1	77.8	59.2	13726	212.1	98.45
7/13/2023	12:00	28	19.24		-20	586.2	139.7	76.3	63.8	13968	208.4	98.51
7/13/2023	14:00	28	19.24		-20	580.8	143.5	75.6	60.4	14222	200.1	98.59
7/13/2023	16:00	28	19.24		-20	592.3	138.3	77.1	57.1	14307	210.5	98.53
7/13/2023	18:00	28	19.24		-20	612.3	140.9	79.7	55.6	14196	221.3	98.44
7/13/2023	20:00	28	19.24		-20	586.2	139.2	76.3	62.3	14039	229.8	98.36
7/13/2023	22:00	28	19.24		-20	574.7	137.6	74.8	64.8	14139	219.6	98.45
7/13/2023	0:00	28	19.24		-20	580.8	135.8	75.6	61.5	13941	211.4	98.48
7/14/2023	8:00	28	19.24		-20	600.0	136.1	78.1	58.4	13867	202.7	98.54
7/14/2023	10:00	28	19.24		-20	593.9	139.2	77.3	57.9	13819	199.8	98.55
						0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-1	14.83	14.96		27.93
RW-2		15.24		19.18

Table 1
AFVR Event Data

7/17/2-23 - 7/21/2023
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)			Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-3	MW-5		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
7/17/2023	10:00	16.33	14.87		-21	577.0	90.3	75.1	55.3	8926	171.3	98.08
7/17/2023	10:30	16.83	15.37		-21	572.3	112.4	74.5	59.7	14832	221.9	98.50
7/17/2023	11:00	17.33	15.87		-21	585.4	128.9	76.2	52.9	15000	236.5	98.42
7/17/2023	11:30	17.83	16.37		-21	580.0	136.1	75.5	63.5	15000	246.1	98.36
7/17/2023	12:00	18.33	16.87		-21	570.8	138.5	74.3	60.1	15000	251.8	98.32
7/17/2023	12:30	18.83	17.37		-21	574.7	141.2	74.8	62.8	15000	235.2	98.43
7/17/2023	13:00	19.33	17.87		-21	577.7	137.8	75.2	65.3	15000	266.6	98.22
7/17/2023	13:30	19.83	18.37		-21	588.5	135.6	76.6	61.5	15000	263.3	98.24
7/17/2023	14:00	19.83	18.87		-21	598.5	138.1	77.9	66.8	15000	278.9	98.14
7/17/2023	14:30	19.83	19.37		-21	577.7	137.4	75.2	69.2	15000	271.1	98.19
7/17/2023	15:00	19.83	19.87		-21	590.0	142.9	76.8	73.6	15000	259.4	98.27
7/17/2023	15:30	19.83	19.87		-21	572.3	144.3	74.5	67.1	15000	233.7	98.44
7/17/2023	16:00	19.83	19.87		-21	578.5	141.6	75.3	71.4	15000	230.2	98.47
7/17/2023	16:30	19.83	19.87		-21	592.3	140.8	77.1	65.8	14911	221.9	98.51
7/17/2023	17:00	19.83	19.87		-21	573.1	142.5	74.6	69.3	14892	213.5	98.57
7/17/2023	17:30	19.83	19.87		-21	575.4	138.2	74.9	64.5	14963	219.3	98.53
7/17/2023	18:00	19.83	19.87		-19	595.4	139.9	77.5	68.9	15000	224.7	98.50
7/17/2023	19:00	19.83	19.87		-19	578.5	136.1	75.3	63.1	15000	215.9	98.56
7/17/2023	20:00	19.83	19.87		-19	574.7	133.5	74.8	67.5	15000	209.3	98.60
7/17/2023	21:00	19.83	19.87		-19	588.5	130.8	76.6	74.9	14871	219.6	98.52
7/17/2023	22:00	19.83	19.87		-19	577.7	132.8	75.2	70.2	14657	205.9	98.60
7/17/2023	23:00	19.83	19.87		-19	597.7	125.3	77.8	75.4	14733	218.3	98.52
7/17/2023	0:00	19.83	19.87		-19	601.5	120.1	78.3	73.9	14592	210.5	98.56
7/18/2023	8:00	19.83	19.87		-19	587.7	117.5	76.5	61.5	14677	225.8	98.46
7/18/2023	9:00	19.83	19.87		-19	579.3	121.5	75.4	57.2	14618	257.2	98.24
7/18/2023	10:00	19.83	19.87		-19	585.4	127.3	76.2	60.7	14782	264.9	98.21
7/18/2023	12:00	19.83	19.87		-19	604.6	135.8	78.7	67.3	14929	250.6	98.32
7/18/2023	14:00	19.83	19.87		-19	610.8	141.4	79.5	63.9	15000	253.7	98.31
7/18/2023	16:00	19.83	19.87		-19	596.2	138.7	77.6	68.3	15000	251.3	98.32
7/18/2023	18:00	19.83	19.87		-19	573.9	139.2	74.7	73.2	15000	259.5	98.27
7/18/2023	20:00	19.83	19.87		-19	582.3	138.6	75.8	71.1	15000	262.8	98.25
7/18/2023	22:00	19.83	19.87		-19	578.5	130.4	75.3	66.7	15000	257.3	98.28
7/18/2023	0:00	19.83	19.87		-19	587.7	128.1	76.5	74.8	15000	269.5	98.20
7/19/2023	8:00	19.83	19.87		-19	586.2	122.8	76.3	75.2	15000	283.1	98.11
7/19/2023	10:00	19.83	19.87		-19	604.6	125.5	78.7	71.9	14841	251.8	98.30
7/19/2023	12:00	19.83	19.87		-19	589.3	129.3	76.7	68.5	14796	300.4	97.97
7/19/2023	14:00	19.83	19.87		-19	571.6	134.6	74.4	64.1	14623	267.3	98.17
7/19/2023	16:00	19.83	19.87		-19	575.4	139.9	74.9	67.3	14539	251.7	98.27
7/19/2023	18:00	19.83	19.87		-19	592.3	137.2	77.1	65.6	14762	238.1	98.39
7/19/2023	20:00	19.83	19.87		-19	578.5	139.5	75.3	71.5	14712	235.6	98.40
7/19/2023	22:00	19.83	19.87		-19	606.2	134.8	78.9	69.2	14602	218.2	98.51
7/19/2023	0:00	19.83	19.87		-19	577.0	130.2	75.1	64.8	14392	248.9	98.27
7/20/2023	8:00	19.83	19.87		-19	574.7	123.7	74.8	67.5	13862	240.6	98.26
7/20/2023	10:00	19.83	19.87		-19	586.9	132.5	76.4	73.2	13627	235.1	98.27
7/20/2023	12:00	19.83	19.87		-19	606.2	137.4	78.9	69.3	13587	239.9	98.23
7/20/2023	14:00	19.83	19.87		-19	578.5	136.1	75.3	72.9	13712	262.3	98.09
7/20/2023	16:00	19.83	19.87		-20	573.9	139.7	74.7	70.4	14056	279.7	98.01
7/20/2023	18:00	19.83	19.87		-20	613.8	137.5	79.9	67.3	13931	278.1	98.00
7/20/2023	20:00	19.83	19.87		-20	595.4	133.5	77.5	66.1	13761	297.2	97.84
7/20/2023	22:00	19.83	19.87		-20	600.0	130.1	78.1	71.3	13678	271.8	98.01
7/20/2023	0:00	19.83	19.87		-20	586.2	124.7	76.3	69.5	13825	269.5	98.05
7/21/2023	8:00	19.83	19.87		-18	573.9	118.4	74.7	73.1	13763	251.9	98.17
7/21/2023	10:00	19.83	19.87		-18	593.1	126.8	77.2	70.2	13737	244.3	98.22
						0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!
						0.0						#DIV/0!

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-3		16.33		19.77
MW-5		14.87		19.85

Table 1
AFVR Event Data

7/24/2023 - 7/28/2023
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)				Recovery Rate					Air Emissions Concentrations (ppm)		
		RW-4	RW-5	MW-8	MW-9	Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
7/24/2023	10:00	13.03	12.93	12.38	12.89	-22	593.9	87.3	77.3	72.1	12783	251.3	98.03
7/24/2023	10:30	13.53	13.43	12.88	13.39	-22	598.5	102.4	77.9	65.9	14926	281.9	98.11
7/24/2023	11:00	14.03	13.93	13.38	13.89	-22	589.3	117.8	76.7	62.4	15000	285.4	98.10
7/24/2023	11:30	14.53	14.43	13.88	14.39	-22	601.5	128.1	78.3	68.1	15000	245.3	98.36
7/24/2023	12:00	15.03	14.93	14.38	14.89	-22	595.4	135.5	77.5	65.3	15000	283.8	98.11
7/24/2023	12:30	15.53	15.43	14.88	15.39	-22	598.5	140.9	77.9	73.7	15000	294.2	98.04
7/24/2023	13:00	16.03	15.93	14.88	15.89	-22	593.9	137.8	77.3	74.6	15000	295.6	98.03
7/24/2023	13:30	16.53	16.43	14.88	16.39	-22	587.7	139.6	76.5	70.2	15000	303.3	97.98
7/24/2023	14:00	17.03	16.93	14.88	16.89	-22	586.2	141.1	76.3	66.5	15000	308.7	97.94
7/24/2023	14:30	17.53	17.43	14.88	17.39	-22	598.5	139.4	77.9	63.1	15000	291.1	98.06
7/24/2023	15:00	18.03	17.93	14.88	17.39	-22	589.3	138.9	76.7	69.3	15000	299.2	98.01
7/24/2023	15:30	18.53	18.43	14.88	17.39	-22	587.7	142.3	76.5	62.7	15000	285.7	98.10
7/24/2023	16:00	19.03	18.93	14.88	17.39	-20	593.1	137.6	77.2	68.1	15000	290.2	98.07
7/24/2023	16:30	19.53	19.43	14.88	17.39	-20	590.8	139.8	76.9	65.5	15000	293.7	98.04
7/24/2023	17:00	19.53	19.43	14.88	17.39	-20	598.5	139.3	77.9	72.6	15000	287.5	98.08
7/24/2023	17:30	19.53	19.43	14.88	17.39	-20	606.2	137.9	78.9	73.2	15000	282.2	98.12
7/24/2023	18:00	19.53	19.43	14.88	17.39	-20	602.3	139.2	78.4	66.9	15000	295.8	98.03
7/24/2023	19:00	19.53	19.43	14.88	17.39	-20	593.1	131.6	77.2	61.5	15000	305.9	97.96
7/24/2023	20:00	19.53	19.43	14.88	17.39	-20	604.6	135.1	78.7	64.6	15000	306.1	97.96
7/24/2023	21:00	19.53	19.43	14.88	17.39	-20	600.0	133.8	78.1	58.3	15000	298.5	98.01
7/24/2023	22:00	19.53	19.43	14.88	17.39	-20	590.8	132.8	76.9	62.7	15000	304.7	97.97
7/24/2023	23:00	19.53	19.43	14.88	17.39	-20	587.7	128.3	76.5	56.9	15000	297.6	98.02
7/24/2023	0:00	19.53	19.43	14.88	17.39	-20	581.6	125.5	75.7	59.1	15000	290.4	98.06
7/25/2023	8:00	19.53	19.43	14.88	17.39	-20	588.5	123.8	76.6	63.3	15000	286.2	98.09
7/25/2023	9:00	19.53	19.43	14.88	17.39	-20	583.1	122.5	75.9	64.6	15000	297.8	98.01
7/25/2023	10:00	19.53	19.43	14.88	17.39	-20	570.8	129.3	74.3	57.7	15000	284.7	98.10
7/25/2023	12:00	19.53	19.43	14.88	17.39	-20	611.5	132.7	79.6	60.2	15000	300.1	98.00
7/25/2023	14:00	19.53	19.43	14.88	17.39	-20	615.4	138.4	80.1	63.4	15000	303.4	97.98
7/25/2023	16:00	19.53	19.43	14.88	17.39	-20	610.8	140.2	79.5	69.7	15000	306.8	97.95
7/25/2023	18:00	19.53	19.43	14.88	17.39	-20	604.6	139.2	78.7	62.1	15000	311.2	97.93
7/25/2023	20:00	19.53	19.43	14.88	17.39	-20	611.5	138.6	79.6	57.4	15000	298.5	98.01
7/25/2023	22:00	19.53	19.43	14.88	17.39	-19	598.5	133.4	77.9	59.1	15000	297.1	98.02
7/25/2023	0:00	19.53	19.43	14.88	17.39	-19	608.5	128.1	79.2	55.4	15000	299.9	98.00
7/26/2023	8:00	19.53	19.43	14.88	17.39	-19	620.7	123.2	80.8	58.7	15000	283.1	98.11
7/26/2023	10:00	19.53	19.43	14.88	17.39	-19	609.2	129.5	79.3	59.2	15000	288.6	98.08
7/26/2023	12:00	19.53	19.43	14.88	17.39	-19	598.5	132.3	77.9	54.8	15000	303.2	97.98
7/26/2023	14:00	19.53	19.43	14.88	17.39	-19	600.0	136.8	78.1	53.4	15000	296.4	98.02
7/26/2023	16:00	19.53	19.43	14.88	17.39	-19	610.0	139.9	79.4	57.3	15000	292.1	98.05
7/26/2023	18:00	19.53	19.43	14.88	17.39	-19	627.7	138.7	81.7	52.1	15000	288.7	98.08
7/26/2023	20:00	19.53	19.43	14.88	17.39	-19	621.5	135.5	80.9	51.5	15000	284.3	98.10
7/26/2023	22:00	19.53	19.43	14.88	17.39	-19	611.5	132.1	79.6	47.9	15000	276.2	98.16
7/26/2023	0:00	19.53	19.43	14.88	17.39	-19	616.9	129.2	80.3	49.6	15000	278.7	98.14
7/27/2023	8:00	19.53	19.43	14.88	17.39	-19	604.6	125.7	78.7	53.3	15000	290.1	98.07
7/27/2023	10:00	19.53	19.43	14.88	17.39	-19	612.3	128.5	79.7	54.5	15000	286.9	98.09
7/27/2023	12:00	19.53	19.43	14.88	17.39	-19	595.4	135.4	77.5	50.2	15000	296.5	98.02
7/27/2023	14:00	19.53	19.43	14.88	17.39	-19	605.4	138.1	78.8	48.3	15000	291.3	98.06
7/27/2023	16:00	19.53	19.43	14.88	17.39	-20	608.5	141.6	79.2	55.7	15000	278.7	98.14
7/27/2023	18:00	19.53	19.43	14.88	17.39	-20	598.5	139.5	77.9	56.2	15000	280.6	98.13
7/27/2023	20:00	19.53	19.43	14.88	17.39	-20	617.7	137.2	80.4	51.9	15000	285.4	98.10
7/27/2023	22:00	19.53	19.43	14.88	17.39	-20	600.8	132.8	78.2	59.5	15000	276.1	98.16
7/27/2023	0:00	19.53	19.43	14.88	17.39	-20	612.3	129.4	79.7	66.7	15000	262.5	98.25
7/28/2023	8:00	19.53	19.43	14.88	17.39	-20	609.2	124.7	79.3	64.1	15000	250.2	98.33
7/28/2023	10:00	19.53	19.43	14.88	17.39	-20	598.5	127.8	77.9	66.9	15000	257.4	98.28
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!

Well	Depth to Product Before Event		Depth to Water Before Event		Depth to Product After Event		Depth to Water After Event	
RW-4				13.03				19.03
RW-5				12.93				19.38
MW-8		12.38		12.46				14.51
MW-9				12.89				17.31

Table 1
AFVR Event Data

7/31/2023 - 8/4/2023
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)				Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-12	MW-13	RW-6		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
7/31/2023	10:00	8.12	7.58	8.68		-23	577.0	85.1	75.1	69.2	3712	31.9	99.14
7/31/2023	10:30	8.62	8.08	9.18		-23	572.3	99.5	74.5	62.1	9852	60.2	99.39
7/31/2023	11:00	9.12	8.58	9.68		-23	585.4	121.3	76.2	58.8	15000	167.2	98.89
7/31/2023	11:30	9.62	9.08	10.18		-20	580.0	129.8	75.5	56.5	13977	172.7	98.76
7/31/2023	12:00	10.12	9.58	10.68		-20	570.8	133.6	74.3	59.3	15000	181.3	98.79
7/31/2023	12:30	10.62	10.08	11.18		-20	574.7	138.4	74.8	63.2	14872	176.9	98.81
7/31/2023	13:00	11.12	10.58	11.68		-20	577.7	135.8	75.2	57.2	15000	173.2	98.85
7/31/2023	13:30	11.62	11.08	12.18		-20	588.5	136.6	76.6	61.8	15000	167.5	98.88
7/31/2023	14:00	12.12	11.58	12.68		-20	598.5	139.2	77.9	66.3	13678	169.1	98.76
7/31/2023	14:30	12.62	12.08	13.18		-20	577.7	139.4	75.2	63.9	13192	172.7	98.69
7/31/2023	15:00	13.12	12.58	13.68		-20	590.0	136.9	76.8	64.7	13267	170.2	98.72
7/31/2023	15:30	13.62	13.08	14.18		-20	572.3	140.3	74.5	60.2	12874	164.4	98.72
7/31/2023	16:00	14.12	13.58	14.68		-20	578.5	141.6	75.3	62.8	13109	152.8	98.83
7/31/2023	16:30	14.62	14.08	15.18		-20	592.3	138.2	77.1	58.7	13145	159.7	98.79
7/31/2023	17:00	15.12	14.58	15.68		-20	573.1	139.3	74.6	63.5	12932	147.9	98.86
7/31/2023	17:30	15.62	14.58	16.18		-20	575.4	142.9	74.9	65.3	12749	153.5	98.80
7/31/2023	18:00	16.12	14.58	16.68		-20	595.4	137.2	77.5	68.1	12823	162.7	98.73
7/31/2023	19:00	16.62	14.58	17.18		-21	578.5	138.6	75.3	62.5	13586	169.1	98.76
7/31/2023	20:00	16.62	14.58	17.68		-21	574.7	136.8	74.8	58.2	14252	174.6	98.77
7/31/2023	21:00	16.62	14.58	18.18		-21	588.5	137.5	76.6	60.3	14783	170.3	98.85
7/31/2023	22:00	16.62	14.58	18.68		-21	577.7	134.2	75.2	63.7	14429	163.8	98.86
7/31/2023	23:00	16.62	14.58	19.18		-21	597.7	130.6	77.8	65.3	13412	158.4	98.82
7/31/2023	0:00	16.62	14.58	19.68		-21	601.5	128.1	78.3	62.8	13754	157.3	98.86
8/1/2023	8:00	16.62	14.58	19.68		-21	587.7	121.9	76.5	63.8	13185	162.2	98.77
8/1/2023	9:00	16.62	14.58	19.68		-22	579.3	124.5	75.4	67.2	13565	159.8	98.82
8/1/2023	10:00	16.62	14.58	19.68		-22	585.4	136.2	76.2	71.4	12841	154.6	98.80
8/1/2023	12:00	16.62	14.58	19.68		-22	604.6	141.8	78.7	65.9	12388	158.2	98.72
8/1/2023	14:00	16.62	14.58	19.68		-22	610.8	138.4	79.5	69.3	12461	153.5	98.77
8/1/2023	16:00	16.62	14.58	19.68		-22	596.2	139.2	77.6	67.8	13352	159.8	98.80
8/1/2023	18:00	16.62	14.58	19.68		-22	573.9	135.9	74.7	62.6	12918	148.3	98.85
8/1/2023	20:00	16.62	14.58	19.68		-22	582.3	137.6	75.8	66.1	13689	152.7	98.88
8/1/2023	22:00	16.62	14.58	19.68		-22	578.5	132.1	75.3	63.7	13221	149.6	98.87
8/1/2023	0:00	16.62	14.58	19.68		-22	587.7	133.4	76.5	68.5	12676	142.7	98.87
8/2/2023	8:00	16.62	14.58	19.68		-21	586.2	127.9	76.3	65.9	11834	147.1	98.76
8/2/2023	10:00	16.62	14.58	19.68		-21	604.6	134.2	78.7	57.2	12161	145.3	98.81
8/2/2023	12:00	16.62	14.58	19.68		-21	589.3	139.5	76.7	55.8	11792	148.5	98.74
8/2/2023	14:00	16.62	14.58	19.68		-21	571.6	142.7	74.4	59.1	12454	153.9	98.76
8/2/2023	16:00	16.62	14.58	19.68		-21	575.4	144.9	74.9	58.4	13149	163.2	98.76
8/2/2023	18:00	16.62	14.58	19.68		-21	592.3	140.4	77.1	63.1	12867	159.6	98.76
8/2/2023	20:00	16.62	14.58	19.68		-21	578.5	139.1	75.3	57.9	13725	153.1	98.88
8/2/2023	22:00	16.62	14.58	19.68		-21	606.2	136.8	78.9	54.2	13296	156.3	98.82
8/2/2023	0:00	16.62	14.58	19.68		-21	577.0	125.5	75.1	59.8	12955	147.5	98.86
8/3/2023	8:00	16.62	14.58	19.68		-21	574.7	120.7	74.8	61.6	10949	151.8	98.61
8/3/2023	10:00	16.62	14.58	19.68		-21	586.9	131.3	76.4	64.1	11471	146.2	98.73
8/3/2023	12:00	16.62	14.58	19.68		-21	606.2	138.9	78.9	60.3	11136	149.1	98.66
8/3/2023	14:00	16.62	14.58	19.68		-21	578.5	141.6	75.3	62.6	11637	152.5	98.69
8/3/2023	16:00	16.62	14.58	19.68		-21	573.9	139.4	74.7	58.4	12159	157.2	98.71
8/3/2023	18:00	16.62	14.58	19.68		-20	613.8	136.8	79.9	55.9	12525	155.8	98.76
8/3/2023	20:00	16.62	14.58	19.68		-20	595.4	137.2	77.5	59.2	12263	148.3	98.79
8/3/2023	22:00	16.62	14.58	19.68		-20	600.0	133.5	78.1	54.6	12291	151.5	98.77
8/3/2023	0:00	16.62	14.58	19.68		-20	586.2	130.1	76.3	63.2	12113	145.7	98.80
8/4/2023	8:00	16.62	14.58	19.68		-20	573.9	125.8	74.7	66.8	10947	148.2	98.65
8/4/2023	10:00	16.62	14.58	19.68		-20	593.1	129.4	77.2	61.4	11184	149.4	98.66
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-12		8.12		16.51
MW-13		7.58		14.43
RW-6		8.68		19.61

Table 1
AFVR Event Data

8/7/2023 - 8/11/2023
Quick Pantry #19 (USDHEC UST #04785)

Date	Time	Stinger Depth (ft)				Recovery Rate					Air Emissions Concentrations (ppm)		
		MW-17	MW-18	RW7		Vacuum (In. Hg)	Air Flow (cfm)	Temp (F)	Stack Vel. (mph)	Humidity	PID Pre-Treatment	PID Post-Treatment	% Mass Reduction
7/31/2023	10:00	6.32	7.12	7.19		-22	577.0	92.5	75.1	67.3	13256	157.1	98.81
7/31/2023	10:30	6.82	7.62	7.69		-22	572.3	110.9	74.5	62.9	13217	163.7	98.76
7/31/2023	11:00	7.32	8.12	8.19		-22	585.4	122.2	76.2	57.5	13972	167.5	98.80
7/31/2023	11:30	7.82	8.62	8.69		-22	580.0	130.1	75.5	64.7	13802	152.3	98.90
7/31/2023	12:00	8.32	9.12	9.19		-22	570.8	135.5	74.3	69.1	14492	189.3	98.69
7/31/2023	12:30	8.82	9.62	9.69		-22	574.7	138.2	74.8	65.5	14123	204.4	98.55
7/31/2023	13:00	9.32	10.12	10.19		-22	577.7	141.8	75.2	59.2	14758	224.9	98.48
7/31/2023	13:30	9.82	10.62	10.69		-22	588.5	138.5	76.6	64.8	14818	247.3	98.33
7/31/2023	14:00	10.32	11.12	11.19		-22	598.5	142.6	77.9	69.1	14778	252.1	98.29
7/31/2023	14:30	9.82	11.62	11.69		-22	577.7	140.5	75.2	73.5	14849	246.9	98.34
7/31/2023	15:00	10.32	12.12	12.69		-22	590.0	137.8	76.8	79.5	14911	258.5	98.27
7/31/2023	15:30	10.82	12.62	13.69		-22	572.3	143.5	74.5	70.1	14962	273.4	98.17
7/31/2023	16:00	11.32	13.12	14.69		-22	578.5	139.6	75.3	64.8	14892	283.7	98.09
7/31/2023	16:30	11.82	13.62	15.69		-21	592.3	139.8	77.1	69.3	14811	289.1	98.05
7/31/2023	17:00	12.32	13.62	16.69		-19	573.1	140.3	74.6	73.6	14954	295.3	98.03
7/31/2023	17:30	12.32	13.62	17.69		-19	575.4	138.3	74.9	62.1	14926	277.6	98.14
7/31/2023	18:00	12.32	13.62	18.69		-19	595.4	137.2	77.5	67.8	15000	272.9	98.18
7/31/2023	19:00	12.32	13.62	18.69		-19	578.5	133.6	75.3	73.3	15000	274.1	98.17
7/31/2023	20:00	12.32	13.62	18.69		-19	574.7	136.1	74.8	76.9	15000	283.5	98.11
7/31/2023	21:00	12.32	13.62	18.69		-19	588.5	133.8	76.6	70.2	15000	295.6	98.03
7/31/2023	22:00	12.32	13.62	18.69		-19	577.7	132.8	75.2	65.4	15000	293.4	98.04
7/31/2023	23:00	12.32	13.62	18.69		-19	597.7	125.8	77.8	67.1	15000	297.8	98.01
7/31/2023	0:00	12.32	13.62	18.69		-19	601.5	121.4	78.3	72.8	15000	289.3	98.07
8/1/2023	8:00	12.32	13.62	18.69		-19	587.7	117.5	76.5	75.1	15000	271.9	98.19
8/1/2023	9:00	12.32	13.62	18.69		-19	579.3	124.9	75.4	71.9	15000	296.4	98.02
8/1/2023	10:00	12.32	13.62	18.69		-19	585.4	133.2	76.2	66.4	15000	308.3	97.94
8/1/2023	12:00	12.32	13.62	18.69		-19	604.6	132.7	78.7	63.7	15000	307.5	97.95
8/1/2023	14:00	12.32	13.62	18.69		-19	610.8	139.6	79.5	60.3	15000	308.9	97.94
8/1/2023	16:00	12.32	13.62	18.69		-21	596.2	142.2	77.6	64.9	15000	308.1	97.95
8/1/2023	18:00	12.32	13.62	18.69		-21	573.9	138.7	74.7	61.6	15000	309.4	97.94
8/1/2023	20:00	12.32	13.62	18.69		-21	582.3	137.8	75.8	58.2	15000	308.8	97.94
8/1/2023	22:00	12.32	13.62	18.69		-21	578.5	135.4	75.3	63.5	15000	305.5	97.96
8/1/2023	0:00	12.32	13.62	18.69		-21	587.7	126.7	76.5	66.5	15000	308.7	97.94
8/2/2023	8:00	12.32	13.62	18.69		-21	586.2	121.3	76.3	62.8	15000	307.2	97.95
8/2/2023	10:00	12.32	13.62	18.69		-21	604.6	132.9	78.7	65.2	15000	309.5	97.94
8/2/2023	12:00	12.32	13.62	18.69		-20	589.3	138.7	76.7	69.9	15000	311.9	97.92
8/2/2023	14:00	12.32	13.62	18.69		-20	571.6	142.5	74.4	73.5	15000	308.4	97.94
8/2/2023	16:00	12.32	13.62	18.69		-20	575.4	143.8	74.9	72.9	15000	309.6	97.94
8/2/2023	18:00	12.32	13.62	18.69		-20	592.3	140.6	77.1	76.1	15000	307.2	97.95
8/2/2023	20:00	12.32	13.62	18.69		-20	578.5	137.5	75.3	75.5	15000	308.9	97.94
8/2/2023	22:00	12.32	13.62	18.69		-20	606.2	136.1	78.9	71.9	14971	308.8	97.94
8/2/2023	0:00	12.32	13.62	18.69		-20	577.0	131.8	75.1	73.2	15000	309.1	97.94
8/3/2023	8:00	12.32	13.62	18.69		-20	574.7	122.7	74.8	74.5	14945	312.5	97.91
8/3/2023	10:00	12.32	13.62	18.69		-20	586.9	130.5	76.4	68.1	14782	308.3	97.91
8/3/2023	12:00	12.32	13.62	18.69		-20	606.2	138.3	78.9	65.7	14953	309.8	97.93
8/3/2023	14:00	12.32	13.62	18.69		-20	578.5	144.7	75.3	69.4	14872	309.5	97.92
8/3/2023	16:00	12.32	13.62	18.69		-20	573.9	145.8	74.7	72.9	14814	308.6	97.92
8/3/2023	18:00	12.32	13.62	18.69		-20	613.8	141.6	79.9	73.3	14742	307.1	97.92
8/3/2023	20:00	12.32	13.62	18.69		-20	595.4	136.6	77.5	76.8	14671	307.9	97.90
8/3/2023	22:00	12.32	13.62	18.69		-20	600.0	132.8	78.1	75.1	14751	306.2	97.92
8/3/2023	0:00	12.32	13.62	18.69		-20	586.2	126.4	76.3	75.9	14792	307.5	97.92
8/4/2023	8:00	12.32	13.62	18.69		-20	573.9	123.4	74.7	71.3	14832	307.1	97.93
8/4/2023	10:00	12.32	13.62	18.69		-20	593.1	132.8	77.2	68.5	14629	306.8	97.90
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!
							0.0						#DIV/0!

Well	Depth to Product Before Event	Depth to Water Before Event	Depth to Product After Event	Depth to Water After Event
MW-17		6.32		12.18
MW-18		7.12		13.59
RW-7		7.19		18.55

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

7/10/23 - 7/14/23

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 13235.74$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 14126.41$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 56505.65$$

$$C_{c:m} = \text{PPM}_c(M_c/K_3) = 28194.14$$

$$C_c = C_{c:m}(62.43 \times 10^{-9}) = 0.00176$$

$$\text{PMR}_c = C_c(Q_{\text{std}})(60) = 52.01288$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g/M_{cg}) = \mathbf{60.19468 \text{ lbs of emissions per hour}}$$

924.5903 Gallons of emissions per 96 hours

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

7/17/23 - 7/21/23

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 14531.87$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 15509.77$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 62039.06$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 30955.1$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001933$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 56.72238$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{65.645 \text{ lbs of emissions per hour}}$$

1008.307 Gallons of emissions per 96 hours

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

7/24/23 - 7/28/23

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 14956.77$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 15963.26$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 63853.06$$

$$C_{c:m} = \text{PPM}_c(M_c/K_3) = 31860.21$$

$$C_c = C_{c:m}(62.43 \times 10^{-9}) = 0.001989$$

$$\text{PMR}_c = C_c(Q_{\text{std}})(60) = 59.89373$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g/M_{cg}) = \mathbf{69.31522 \text{ lbs of emissions per hour}}$$

1064.682 Gallons of emissions per 96 hours

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

7/31/23 - 8/4/23

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 12784.94$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 13645.28$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 54581.14$$

$$C_{c.m} = \text{PPM}_c (M_c / K_3) = 27233.88$$

$$C_c = C_{c.m} (62.43 \times 10^{-9}) = 0.0017$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 49.80872$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{57.6438 \text{ lbs of emissions per hour}}$$

885.4088 Gallons of emissions per 96 hours

Equations to determine Pollutant Mass Removal rate as gasoline (PMRg):

8/7/23 - 8/11/23

$$\text{PPM}_w = \text{PPM}_{\text{measured}} = 14797.64$$

$$\text{PPM}_d = \text{PPM}_w / (1 - Bws) = 15793.42$$

$$\text{PPM}_c = (\text{PPM}_d)(K) = 63173.7$$

$$C_{c:m} = \text{PPM}_c (M_c / K_3) = 31521.23$$

$$C_c = C_{c:m} (62.43 \times 10^{-9}) = 0.001968$$

$$\text{PMR}_c = C_c (Q_{\text{std}})(60) = 57.64136$$

$$\text{PMR}_g = (\text{PMR}_c)(M_g / M_{cg}) = \mathbf{66.70854 \text{ lbs of emissions per hour}}$$

1024.643 Gallons of emissions per 96 hours

QUOTATION #7504 Rev-2

October 3, 2013

Mark Keller
KLM Environmental (843) 870-4285

Re: 500 CFM Thermal Oxidizer No VES



500-CFM Thermal Oxidizer General Specifications

Baker Furnace, Inc. is pleased to present this proposal to **KLM Environmental** for a Gas Fired 500-CFM Thermal Oxidizer System. This Oxidizer would be constructed as a “turnkey” system ready for operation and would have all the necessary instrumentation and controls to meet applicable Air Quality Standards. We are sure you will find our quality, value and services exceptional!

One (1) Gas Fired Thermal Oxidizer sized for 500 *SCFM*. Trailer Mounted System includes an FM Approved Flame Arrester, Air Pressure Switch, Pitot Tube with Pressure Transmitter, Carbon Steel Shell Insulated with High Temperature Insulation, U.L Classified Nema 4 Control Panel, Eclipse Package Burner with integrated combustion blower, Fully Modulating FM Fuel Train, and misc. Wiring and Piping.

500 SCFM Thermal/Catalytic Oxidizer Technical Specifications

Parameter	Thermal Mode
Destruction Efficiency	99%+
Operating Temperature	1450 Degrees F
Supplemental Fuel	Propane or Natural Gas
Maximum Concentration to Oxidizer	50% of LEL
Combustion Burner	Eclipse Ratio Air 1.5mm btu
Vacuum available	VES By Others
Stack Height (Discharge height)	Min. 13.5 feet from ground
Exit Velocity (No Rain Cap)	600 feet/min
Chart Recorder Measurements (3)	Temp In-Out & Flow
Overall Dimensional Footprint	7' x 11'L
Approximate Shipping Weight	5,500 lbs.
Inlet Pipe size for VES.	4" N.P.T.
Inlet pipe size for Supplemental Fuel	1" N.P.T.
Inlet Gas pressure required	5 PSI (Medium Pressure)
Fuel Supply Requirement (at meter)	1000 ft ³ /hr.
Electrical Service	120/240 VAC 1Ø
Dilution Air Blower	500 CFM Max
Residence Time for Vapors Oxidized	1-second residence time.



KLM Environmental, LLC
Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Figure 3
Thermal Oxidizer
Quick Pantry # 19
Greenwood, SC
Project # 21547



KLM Environmental, LLC

Phase I: Phase II: Underground Storage Tanks: Soil & Water Sampling: Well Installation
PO Box 2704 843-870-4285 Phone
Goose Creek, SC 29445 843-797-1893 Fax

January 29, 2016

Mr. John Bryant
SCDHEC – BUSTM
2600 Bull Street
Columbia, S.C. 29201

Re: Volume determination for vacuum truck

Mr. Bryant,

KLM uses a tank gauging stick along with a tank specific volume chart to determine the volume of liquid in the tanks on our vacuum trucks prior to each disposal. KLM has three different vacuum trucks, a 3,000 gallon Peter Built, a 3,700 gallon Volvo, and a 2,400 gallon Freightliner. Each truck has a specific chart to correlate inches of water in the tank to gallons of water in the tank. A copy of these charts are included.

The procedure is as follows. The truck operator parks the truck on level ground, gets out of the truck and climbs up the ladder on the side of the truck. He then walks down the catwalk fixed on the tank to the access port. The operator then opens the access port on the top of the tank and lowers a wooden tank gauging stick into the tank until it reaches the bottom. A picture of a typical tank gauging stick is included. The operator then pulls the stick out of the tank and looks for the water line to determine how many inches of water are in the tank. The operator then uses the chart to determine how many gallons of water are in the tank. Once the volume is determined using the chart associated with the particular truck he is driving, a manifest is filled out and the load is disposed of at the disposal facility.

If you have any questions or need anything else, please let me know.

Sincerely,

KLM Environmental, LLC

Micah Bennett, PG
Vice President

Enclosures: Tank gauging stick photo, Truck specific tank volume charts

1 PIECE SOLID HARDWOOD GAUGE POLES



Typical gauging stick used in conjunction with tank chart to determine the volume of fluid in tank.



KLM Environmental, LLC

Phase I-Phase II-Underground Storage Tanks-Soil & Water Sampling-Well Installation

Freightliner Tank Chart

0.5	2.07	18	454.52
1	5.90	18.5	472.95
1.5	10.89	19	491.57
2	16.84	19.5	510.36
2.5	23.60	20	529.33
3	31.	20.5	548.46
3.49	39.27	21	567.75
4	48.06	21.5	587.19
4.5	57.42	22	606.78
5	67.32	22.5	626.51
5.5	77.74	23	646.38
6	88.64	23.5	666.38
6.5	100.00	24	686.50
6	111.80	24.5	706.74
7.5	124.028	25	727.09
8	136.64	25.5	747.55
8.5	149.65	26	768.11
9	163.03	26.5	788.77
9.5	176.77	27	809.52
10	190.86	27.5	830.35
10.5	205.27	27	851.27
11	220.01	28.5	872.26
11.5	235.0	29	893.32
12	250.406	29.5	914.45
12.5	266.04	30	935.63
13	281.95	30.5	956.87
13.5	298.133	30	978.16
13	314.576	31.5	999.50
14.5	331.274	32	1020.87
15	348.21	32.5	1042.28
15.5	365.38	33	1063.72
16	382.78	33.5	1085.18
16.5	400.40	34	1106.67
17	418.24	34.5	1128.16
17.5	436.28	35	1149.67

Freightliner Tank Chart

35.5	1171.18	53	1887.85
36	1192.70	53.5	1906.09
36.5	1214.21	54	1924.13
37	1235.70	54.5	1941.96
37.5	1257.19	55	1959.59
38	1278.65	55.5	1976.99
38.5	1300.09	55.	1994.16
39	1321.50	56.5	2011.10
39.5	1342.87	57	2027.80
40	1364.2	57.5	2044.24
40.5	1385.50	58	2060.42
41	1406.74	58.5	2076.33
41.5	1427.92	59	2091.97
42	1449.05	59.5	2107.31
42.5	1470.1	60	2122.36
43	1491.10	60.5	2137.09
43.5	1512.02	61	2151.51
44	1532.85	61.5	2165.59
44.5	1553.60	62	2179.33
45	1574.26	62.5	2192.72
45.5	1594.82	63	2205.73
46	1615.28	63.5	2218.35
46.5	1635.63	64	2230.57
47	1655.87	64.5	2242.37
47.5	1675.99	65	2253.73
48	1695.99	65.5	2264.63
48.5	1715.85	66	2275.05
49	1735.59	66.5	2284.95
49.5	1755.18	67	2294.31
50	1774.62	67.5	2303.10
50.50	1793.91	68	2311.27
51	1813.04	68.5	2318.77
51.5	1832.01	69	2325.53
52	1850.80	69.5	2331.48
52.5	1869.42	70	2336.47

VOLVO PRESVAC VOLUME CALCULATIONS

Inches	Volume (Gallons)	Inches	Volume (Gallons)	Inches	Volume (Gallons)
0.5	3.21	15.5	553.90	30.5	1446.65
1	9.13	16	580.14	31	1478.91
1.5	16.82	16.5	606.71	31.5	1511.26
2	25.96	17	633.59	32	1543.68
2.5	36.33	17.5	660.78	32.5	1576.18
3	47.81	18	688.27	33	1608.74
3.5	60.30	18.5	716.05	33.5	1641.35
4	73.72	19	744.10	34	1674.01
4.5	88.00	19.5	772.42	34.5	1706.72
5	103.08	20	801.01	35	1739.46
5.5	118.94	20.5	829.84	35.5	1772.23
6	135.51	21	858.92	36	1805.03
6.5	152.77	21.5	888.23	36.5	1837.84
7	170.68	22	917.77	37	1870.66
7.5	189.22	22.5	947.52	37.5	1903.49
8	208.36	23	977.48	38	1936.31
8.5	228.08	23.5	1007.64	38.5	1969.12
9	248.34	24	1037.99	39	2001.92
9.5	269.14	24.5	1068.53	39.5	2034.69
10	290.44	25	1099.24	40	2067.43
10.5	312.24	25.5	1130.13	40.5	2100.14
11	334.52	26	1161.17	41	2132.80
11.5	357.25	26.5	1192.37	41.5	2165.42
12	380.43	27	1223.72	42	2197.97
12.5	404.03	27.5	1255.20	42.5	2230.47
13	428.05	28	1286.82	43	2262.89
13.5	452.47	28.5	1318.56	43.5	2295.24
14	477.28	29	1350.43	44	2327.50
14.5	502.46	29.5	1382.40	44.5	2359.68
15	528.01	30	1414.47	45	2391.75

Inches	Volume (Gallons)
45.5	2423.73
46	2455.59
46.5	2487.33
47	2518.95
47.5	2550.43
48	2581.78
48.5	2612.98
49	2644.03
49.5	2674.91
50	2705.62
50.5	2736.16
51	2766.51
51.5	2796.67
52	2826.63
52.5	2856.39
53	2885.92
53.5	2915.23
54	2944.31
54.5	2973.14
55	3001.73
55.5	3030.055
56	3058.11
56.5	3085.88
57	3113.37
57.5	3140.56
58	3167.45
58.5	3194.015
59	3220.25
59.5	3246.14
60	3271.69

Inches	Volume (Gallons)
60.5	3296.87
61	3321.68
61.5	3346.10
62	3370.12
62.5	3393.72
63	3416.90
63.5	3439.63
64	3461.91
64.5	3483.71
65	3505.02
65.5	3525.81
66	3546.08
66.5	3565.79
67	3584.93
67.5	3603.47
68	3621.38
68.5	3638.64
69	3655.22
69.5	3671.07
70	3686.16
70.5	3700.43
71	3713.85
71.5	3726.34
72	3737.82
72.5	3748.20
73	3757.33
73.5	3765.02
74	3770.94
74.5	3774.16

Keith Huber Corp.

Stick Chart

Tank Volume Versus Liquid Depth

Serial Number

ESD30208146003D		Tank Diameter		76	
		Tank Length (Includes Straight Flanges)		137	
		Shell Thickness		0.3125	
		Total Tank Volume		2723.827253	
		Volume In Each Head		158.3308891	
		Total Gallons		3040.489032	
Inch	Gallons	Inch	Gallons	Inch	Gallons
1	7.217505372	27	966.48635	53	2299.3959
2	20.48481111	28	1016.8163	54	2346.3769
3	37.65302097	29	1067.5812	55	2392.5938
4	57.96052167	30	1118.7348	56	2437.9922
5	81	31	1170.2311	57	2482.516
6	106.3463786	32	1222.0245	58	2526.1068
7	133.8868258	33	1274.0701	59	2569
8	163.3985074	34	1326.3229	60	2610.2443
9	194.7294075	35	1378.7386	61	2650.6607
10	227.7497412	36	1431.2727	62	2689.8825
11	262.3460638	37	1483.8812	63	2727.8342
12	298.4173305	38	1536.52	64	2764.4346
13	335.8721483	39	1589.1451	65	2799.5953
14	374.6267953	40	1641.7123	66	2833.2192
15	414.6037517	41	1694.1776	67	2865.1979
16	455.7305851	42	1746.4967	68	2895.4082
17	497.9390875	43	1798.6252	69	2923.7074
18	541.1645952	44	1850.5184	70	2949.9252
19	585.3454443	45	1902.1314	71	2973.851
20	630.42253	46	1953.4189	72	2995.211
21	676.3389435	47	2004.335	73	3013.6224
22	723.0396711	48	2054.8335	74	3028.4784
23	770.4713419	49	2105	75	3039
24	818.5820132	50	2154.3897	76	#NUM!
25	867.3209875	51	2203.3515	77	#NUM!
26	916.6386547	52	2251.7036		

Nozzle openings, baffles and other tank components may cause a slight variance in tank capacity. Therefore, Keith Huber Corp. does not guarantee the accuracy of this chart.

APPENDIX D

Field Screening Logs

APPENDIX E

Well Logs

Water Quality Meter Calibration Sheet

Project: Quick Pantry 19

Personnel: Gary Long

Calibration Date: 7-7-23

Time: 1030

Meter Horiba U-52

Serial # W22MV13L

pH= 4.01 (100-4 Standard Solution)

Spec. Cond. = 4.54 mS/cm (100-4 Standard Solution)

Turb. = 0 NTU(100-4 Standard Solution)

D.O. = 7.11 mg/L (Air)

Signature [Signature]



Well Development Data Verification Form
Underground Storage Tank Management Division

Facility Name: Quick Pantry 19

Site ID#: 04785

Date: 7-7-23 Field Personnel: _____

Drilling Company: KLM Environmental

Driller's Name: Gary Long

Driller's Certification Number: 2176

Weather Conditions: Sunny / 85°

Well Development Method

Surge Block Submersible Pump Air Lifting

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

Quality Assurance

pH meter	Conductivity meter	Temperature meter	Turbidity meter
serial no. _____	serial no. _____	serial no. _____	serial no. _____
pH=4.0 _____	standard _____		NTU=0.0 _____
pH=7.0 _____			NTU=1.0 _____
pH=10.0 _____			NTU=10.0 _____

Drilling Method

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

Monitoring Well ID# Rw-4 Well Casing Diameter 4 inches Borehole Diameter 10 inches

Depth to Ground Water (DGW) 9.19 ft. Screen Length/Slot Size 10 ft./ 001 in.

Total Well Depth (TWD) 18 ft. Screen Interval 8 ft. to 18 ft.

Length of water column (LWC=TWD-DGW) 8.81 ft. Type of Drilling Fluids used: _____

Total Gallons of Water Removed: 5 gals. Drilling Fluids recovered _____ gals.

Time (military)	<u>1100</u>	<u>1105</u>	<u>1110</u>	<u>1115</u>	<u>1120</u>		
pH (s.u.)*	<u>5.84</u>	<u>5.69</u>	<u>5.63</u>	<u>5.59</u>	<u>5.56</u>		
Specific Conductivity (mmhos/cm)*	<u>.306</u>	<u>.277</u>	<u>.270</u>	<u>.267</u>	<u>.265</u>		
Water Temperature (C)*	<u>74.6</u>	<u>72.7</u>	<u>72.4</u>	<u>72.1</u>	<u>71.8</u>		
Turbidity (NTU) *	<u>800</u>	<u>237</u>	<u>61.6</u>	<u>9.3</u>	<u>7.2</u>		
Physical Characteristics (color/odor)	<u>Muddy</u>	<u>cloudy</u>	<u>cloudy</u>	<u>clear</u>	<u>clear</u>		
Water Level Measurement (ft) from TOC	<u>14.22</u>	<u>14.30</u>	<u>14.38</u>	<u>14.44</u>	<u>14.51</u>		
Total Well Depth (ft) from TOC	<u>18</u>	<u>18</u>	<u>18</u>	<u>18</u>	<u>18</u>		
Cumulative Gallons Removed	<u>1</u> gals	<u>2</u> gals	<u>3</u> gals	<u>4</u> gals	<u>5</u> gals	gals	gals

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

Detailed description of Well Development process: _____

Driller Signature: *Gary Long* Date: 7-7-23



Well Development Data Verification Form
Underground Storage Tank Management Division

Facility Name: Quick Pantry 19
 Date: 7-7-23 Field Personnel: _____
 Drilling Company: KLM Environmental
 Driller's Certification Number: 2176

Site ID#: 04785
 Driller's Name: Gary Long
 Weather Conditions: Sunny / 85°

Well Development Method

Surge Block Submersible Pump Air Lifting
 * Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter	Conductivity meter	Temperature meter	Turbidity meter
serial no. _____	serial no. _____	serial no. _____	serial no. _____
pH=4.0 _____	standard _____		NTU=0.0 _____
pH=7.0 _____			NTU=1.0 _____
pH=10.0 _____			NTU=10.0 _____

Drilling Method

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

Monitoring Well ID# RW-5 Well Casing Diameter 4 inches Borehole Diameter 10 inches
 Depth to Ground Water (DGW) 8.50 ft. Screen Length/Slot Size 10 ft./ 001 in.
 Total Well Depth (TWD) 18 ft. Screen Interval 8 ft. to 18 ft.
 Length of water column (LWC=TWD-DGW) 9.50 ft. Type of Drilling Fluids used: _____
 Total Gallons of Water Removed: 5 gals. Drilling Fluids recovered _____ gals.

Time (military)	<u>1135</u>	<u>1140</u>	<u>1145</u>	<u>1150</u>	<u>1155</u>		
pH (s.u.)*	<u>5.89</u>	<u>5.62</u>	<u>5.57</u>	<u>5.54</u>	<u>5.49</u>		
Specific Conductivity (mmhos/cm)*	<u>.187</u>	<u>.169</u>	<u>.164</u>	<u>.161</u>	<u>.158</u>		
Water Temperature (C)*	<u>73.8</u>	<u>72.7</u>	<u>72.4</u>	<u>72.3</u>	<u>71.9</u>		
Turbidity (NTU) *	<u>6.77</u>	<u>1.22</u>	<u>17.6</u>	<u>8.7</u>	<u>3.8</u>		
Physical Characteristics (color/odor)	<u>muddy</u>	<u>cloudy</u>	<u>clear</u>	<u>clear</u>	<u>clear</u>		
Water Level Measurement (ft) from TOC	<u>13.26</u>	<u>14.08</u>	<u>14.20</u>	<u>14.29</u>	<u>14.36</u>		
Total Well Depth (ft) from TOC	<u>18</u>	<u>18</u>	<u>18</u>	<u>18</u>	<u>18</u>		
Cumulative Gallons Removed	<u>1</u> gals	<u>2</u> gals	<u>3</u> gals	<u>4</u> gals	<u>5</u> gals	gals	gals

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

Detailed description of Well Development process: _____

Driller Signature: [Signature] Date: 7-7-23



Well Development Data Verification Form
Underground Storage Tank Management Division

Facility Name: Quick Pantry 19
Date: 7-7-23
Drilling Company: KLM Environmental
Driller's Certification Number: 2176

Site ID#: 04785
Field Personnel:
Driller's Name: Gary Lewis
Weather Conditions: Sunny / 85°

Well Development Method

Surge Block [] Submersible Pump [X] Air Lifting []

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

Quality Assurance

pH meter serial no. Conductivity meter serial no. standard Temperature meter serial no. Turbidity meter serial no. NTU=0.0 NTU=1.0 NTU=10.0

Drilling Method

Hollow Stem Augers [X] Solid Flight Augers [] Direct Push []
Air Rotary [] Mud Rotary [] Sonic []

Monitoring Well ID# RW-6 Well Casing Diameter 4 inches Borehole Diameter 10 inches
Depth to Ground Water (DGW) 9.25-9.28 ft. Screen Length/Slot Size 10 ft./ ool in.
Total Well Depth (TWD) 17 ft. Screen Interval 7 ft. to 17 ft.
Length of water column (LWC=TWD-DGW) ft. Type of Drilling Fluids used:
Total Gallons of Water Removed: 0 gals. Drilling Fluids recovered gals.

Table with 8 columns and 10 rows for data recording: Time (military), pH (s.u.)*, Specific Conductivity (mmhos/cm)*, Water Temperature (C)*, Turbidity (NTU) *, Physical Characteristics (color/odor), Water Level Measurement (ft) from TOC, Total Well Depth (ft) from TOC, Cumulative Gallons Removed (gals).

* Development is completed once groundwater turbidity is <= 10 NTU and all parameters are +/- 10%.

Detailed description of Well Development process: Free Product - 9.25-9.28

Driller Signature: [Signature] Date: 7-7-23



**Well Development Data Verification Form
Underground Storage Tank Management Division**

Facility Name: Quick Portcy 19
 Date: 7-7-23
 Drilling Company: KLM Environmental
 Driller's Certification Number: 2176

Site ID#: 04785
 Field Personnel: _____
 Driller's Name: Gary Long
 Weather Conditions: Sunny / 85°

Well Development Method

Surge Block Submersible Pump Air Lifting

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

Quality Assurance

pH meter	Conductivity meter	Temperature meter	Turbidity meter
serial no. _____	serial no. _____	serial no. _____	serial no. _____
pH=4.0 _____	standard _____		NTU=0.0 _____
pH=7.0 _____			NTU=1.0 _____
pH=10.0 _____			NTU=10.0 _____

Drilling Method

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

Monitoring Well ID# RW-7 Well Casing Diameter 4 inches Borehole Diameter 10 inches
 Depth to Ground Water (DGW) 3.41 ft. Screen Length/Slot Size 10 ft./ 001 in.
 Total Well Depth (TWD) 13 ft. Screen Interval 3 ft. to 13 ft.
 Length of water column (LWC=TWD-DGW) 9.59 ft. Type of Drilling Fluids used: _____
 Total Gallons of Water Removed: 5 gals. Drilling Fluids recovered _____ gals.

Time (military)	<u>1215</u>	<u>1220</u>	<u>1225</u>	<u>1230</u>	<u>1235</u>		
pH (s.u.)*	<u>6.84</u>	<u>5.84</u>	<u>5.77</u>	<u>5.73</u>	<u>5.69</u>		
Specific Conductivity (mmhos/cm)*	<u>.422</u>	<u>.619</u>	<u>.622</u>	<u>.627</u>	<u>.633</u>		
Water Temperature (C)*	<u>72.8</u>	<u>72.2</u>	<u>71.8</u>	<u>71.5</u>	<u>71.3</u>		
Turbidity (NTU) *	<u>7.9</u>	<u>162</u>	<u>72.8</u>	<u>9.4</u>	<u>5.5</u>		
Physical Characteristics (color/odor)	<u>Muddy</u>	<u>cloudy</u>	<u>cloudy</u>	<u>clear</u>	<u>clear</u>		
Water Level Measurement (ft) from TOC	<u>7.22</u>	<u>7.39</u>	<u>7.47</u>	<u>7.55</u>	<u>7.62</u>		
Total Well Depth (ft) from TOC	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>	<u>13</u>		
Cumulative Gallons Removed	<u>1</u> gals	<u>2</u> gals	<u>3</u> gals	<u>4</u> gals	<u>5</u> gals	gals	gals

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

Detailed description of Well Development process: _____

Driller Signature: Date: 7-7-23

