Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2 (60158)
Pace Project No.: 92462408

QC Batch: 522231 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 92462408017, 92462408018, 92462408019, 92462408020, 92462408021, 92462408022, 92462408023, 92462408024, 92462408025, 92462408026, 92462408027, 92462408028, 92462408029, 92462408030, 92462408031, 92462408032, 92462408033, 92462408034, 92462408035, 92462408036

METHOD BLANK: 2793156 Matrix: Water
Associated Lab Samples: 92462408017, 92462408018, 92462408019, 92462408020, 92462408021, 92462408022, 92462408023, 92462408024, 92462408025, 92462408026, 92462408027, 92462408028, 92462408029, 92462408030, 92462408031, 92462408032, 92462408033, 92462408034, 92462408035, 92462408036

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	01/30/20 20:06	
1-Chloro-2-bromopropane (S)	%	113	60-140		01/30/20 20:06	

LABORATORY CONTROL SAMPLE & LCSD: 2793157 2793158

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.24	0.29	0.25	119	101	60-140	16	20	
1-Chloro-2-bromopropane (S)	%				115	97	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2793160 2793161

Parameter	Units	92462408018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	0.11	0.25	0.25	0.38	0.39	109	113	60-140	3	20	
1-Chloro-2-bromopropane (S)	%						96	99	60-140			

SAMPLE DUPLICATE: 2793159

Parameter	Units	92462408017 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	96	96			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2 (60158)
Pace Project No.: 92462408

QC Batch: 522233 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 92462408037, 92462408038, 92462408039, 92462408040, 92462408041, 92462408042, 92462408043, 92462408044, 92462408045, 92462408046, 92462408047, 92462408048, 92462408049, 92462408050, 92462408051, 92462408052, 92462408053, 92462408054, 92462408055, 92462408056

METHOD BLANK: 2793168 Matrix: Water
Associated Lab Samples: 92462408037, 92462408038, 92462408039, 92462408040, 92462408041, 92462408042, 92462408043, 92462408044, 92462408045, 92462408046, 92462408047, 92462408048, 92462408049, 92462408050, 92462408051, 92462408052, 92462408053, 92462408054, 92462408055, 92462408056

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	01/30/20 18:58	
1-Chloro-2-bromopropane (S)	%	101	60-140		01/30/20 18:58	

LABORATORY CONTROL SAMPLE & LCSD: 2793169 2793170

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.25	0.25	101	104	60-140	2	20	
1-Chloro-2-bromopropane (S)	%				105	109	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2793172 2793173

Parameter	Units	92462408039 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	12.4	0.26	0.26	9.1	10.5	-1280	-756	60-140	14	20	M1
1-Chloro-2-bromopropane (S)	%						94	114	60-140			

SAMPLE DUPLICATE: 2793171

Parameter	Units	92462408037 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	5.9	5.6	5	20	
1-Chloro-2-bromopropane (S)	%	0	0			S4

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2 (60158)
Pace Project No.: 92462408

QC Batch: 522235
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 92462408057

METHOD BLANK: 2793176 Matrix: Water
Associated Lab Samples: 92462408057

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	01/31/20 01:27	
1-Chloro-2-bromopropane (S)	%	98	60-140		01/31/20 01:27	

LABORATORY CONTROL SAMPLE & LCSD: 2793177 2793178

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.27	0.25	108	101	60-140	6	20	
1-Chloro-2-bromopropane (S)	%				100	92	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2793180 2793181

Parameter	Units	92462390004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.25	0.25	0.27	0.27	108	108	60-140	0	20	
1-Chloro-2-bromopropane (S)	%						95	95	60-140			

SAMPLE DUPLICATE: 2793179

Parameter	Units	92462390002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	94	93			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: HQ Heath Self Serve 2 (60158)
Pace Project No.: 92462408

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Heath Self Serve 2 (60158)
Pace Project No.: 92462408

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92462408001	MW-1R	EPA 8011	522005	EPA 8011	522126
92462408002	MW-2	EPA 8011	522005	EPA 8011	522126
92462408003	MW-3	EPA 8011	522005	EPA 8011	522126
92462408004	MW-4R	EPA 8011	522005	EPA 8011	522126
92462408005	MW-4D	EPA 8011	522005	EPA 8011	522126
92462408006	MW-5D	EPA 8011	522005	EPA 8011	522126
92462408007	MW-6	EPA 8011	522005	EPA 8011	522126
92462408008	MW-7	EPA 8011	522005	EPA 8011	522126
92462408009	MW-8	EPA 8011	522005	EPA 8011	522126
92462408010	MW-11R	EPA 8011	522005	EPA 8011	522126
92462408011	MW-12	EPA 8011	522005	EPA 8011	522126
92462408012	MW-13	EPA 8011	522005	EPA 8011	522126
92462408013	MW-13i	EPA 8011	522005	EPA 8011	522126
92462408014	MW-13D	EPA 8011	522005	EPA 8011	522126
92462408015	MW-14	EPA 8011	522005	EPA 8011	522126
92462408016	MW-15	EPA 8011	522005	EPA 8011	522126
92462408017	MW-16	EPA 8011	522231	EPA 8011	522406
92462408018	MW-16i	EPA 8011	522231	EPA 8011	522406
92462408019	MW-16D	EPA 8011	522231	EPA 8011	522406
92462408020	MW-17R	EPA 8011	522231	EPA 8011	522406
92462408021	MW-18	EPA 8011	522231	EPA 8011	522406
92462408022	MW-19	EPA 8011	522231	EPA 8011	522406
92462408023	MW-20	EPA 8011	522231	EPA 8011	522406
92462408024	MW-22	EPA 8011	522231	EPA 8011	522406
92462408025	MW-23	EPA 8011	522231	EPA 8011	522406
92462408026	MW-25	EPA 8011	522231	EPA 8011	522406
92462408027	MW-26	EPA 8011	522231	EPA 8011	522406
92462408028	MW-27	EPA 8011	522231	EPA 8011	522406
92462408029	MW-28	EPA 8011	522231	EPA 8011	522406
92462408030	MW-29	EPA 8011	522231	EPA 8011	522406
92462408031	MW-29i	EPA 8011	522231	EPA 8011	522406
92462408032	MW-29D	EPA 8011	522231	EPA 8011	522406
92462408033	MW-30	EPA 8011	522231	EPA 8011	522406
92462408034	MW-31	EPA 8011	522231	EPA 8011	522406
92462408035	MW-32	EPA 8011	522231	EPA 8011	522406
92462408036	MW-33	EPA 8011	522231	EPA 8011	522406
92462408037	MW-34	EPA 8011	522233	EPA 8011	522407
92462408038	MW-35	EPA 8011	522233	EPA 8011	522407
92462408039	TFR 1	EPA 8011	522233	EPA 8011	522407
92462408040	TFR 2	EPA 8011	522233	EPA 8011	522407
92462408041	TFR 3	EPA 8011	522233	EPA 8011	522407
92462408042	TFR 4	EPA 8011	522233	EPA 8011	522407
92462408043	TFR 6	EPA 8011	522233	EPA 8011	522407
92462408044	TFR 9	EPA 8011	522233	EPA 8011	522407
92462408045	TFR 10	EPA 8011	522233	EPA 8011	522407
92462408046	TFR 11	EPA 8011	522233	EPA 8011	522407
92462408047	DUP 1	EPA 8011	522233	EPA 8011	522407
92462408048	DUP 2	EPA 8011	522233	EPA 8011	522407

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Heath Self Serve 2 (60158)
Pace Project No.: 92462408

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92462408049	DUP 3	EPA 8011	522233	EPA 8011	522407
92462408050	FB 1	EPA 8011	522233	EPA 8011	522407
92462408051	FB 2	EPA 8011	522233	EPA 8011	522407
92462408052	SW-1	EPA 8011	522233	EPA 8011	522407
92462408053	SW-2	EPA 8011	522233	EPA 8011	522407
92462408054	SW-3	EPA 8011	522233	EPA 8011	522407
92462408055	SW-4	EPA 8011	522233	EPA 8011	522407
92462408056	SW-5	EPA 8011	522233	EPA 8011	522407
92462408057	SW-6	EPA 8011	522235	EPA 8011	522408
92462408052	SW-1	EPA 8260D	522053		
92462408053	SW-2	EPA 8260D	522053		
92462408054	SW-3	EPA 8260D	522053		
92462408055	SW-4	EPA 8260D	522053		
92462408056	SW-5	EPA 8260D	522053		
92462408057	SW-6	EPA 8260D	522053		
92462408001	MW-1R	EPA 8260D	522071		
92462408002	MW-2	EPA 8260D	522069		
92462408003	MW-3	EPA 8260D	522069		
92462408004	MW-4R	EPA 8260D	522283		
92462408005	MW-4D	EPA 8260D	522283		
92462408006	MW-5D	EPA 8260D	522069		
92462408007	MW-6	EPA 8260D	522069		
92462408008	MW-7	EPA 8260D	522289		
92462408009	MW-8	EPA 8260D	522289		
92462408010	MW-11R	EPA 8260D	522283		
92462408011	MW-12	EPA 8260D	522283		
92462408012	MW-13	EPA 8260D	522283		
92462408013	MW-13i	EPA 8260D	522071		
92462408014	MW-13D	EPA 8260D	522071		
92462408015	MW-14	EPA 8260D	522091		
92462408016	MW-15	EPA 8260D	522091		
92462408017	MW-16	EPA 8260D	522091		
92462408018	MW-16i	EPA 8260D	522283		
92462408019	MW-16D	EPA 8260D	522283		
92462408020	MW-17R	EPA 8260D	522091		
92462408021	MW-18	EPA 8260D	522091		
92462408022	MW-19	EPA 8260D	522091		
92462408023	MW-20	EPA 8260D	522091		
92462408024	MW-22	EPA 8260D	522091		
92462408025	MW-23	EPA 8260D	522091		
92462408026	MW-25	EPA 8260D	522091		
92462408027	MW-26	EPA 8260D	522091		
92462408028	MW-27	EPA 8260D	522091		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Heath Self Serve 2 (60158)
Pace Project No.: 92462408

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92462408029	MW-28	EPA 8260D	522091		
92462408030	MW-29	EPA 8260D	522289		
92462408031	MW-29i	EPA 8260D	522283		
92462408032	MW-29D	EPA 8260D	522283		
92462408033	MW-30	EPA 8260D	522286		
92462408034	MW-31	EPA 8260D	522286		
92462408035	MW-32	EPA 8260D	522286		
92462408036	MW-33	EPA 8260D	522289		
92462408037	MW-34	EPA 8260D	522289		
92462408038	MW-35	EPA 8260D	522289		
92462408039	TFR 1	EPA 8260D	522091		
92462408040	TFR 2	EPA 8260D	522091		
92462408041	TFR 3	EPA 8260D	522091		
92462408042	TFR 4	EPA 8260D	522091		
92462408043	TFR 6	EPA 8260D	522091		
92462408044	TFR 9	EPA 8260D	522091		
92462408045	TFR 10	EPA 8260D	522091		
92462408046	TFR 11	EPA 8260D	522289		
92462408047	DUP 1	EPA 8260D	522289		
92462408048	DUP 2	EPA 8260D	522286		
92462408049	DUP 3	EPA 8260D	522289		
92462408050	FB 1	EPA 8260D	522071		
92462408051	FB 2	EPA 8260D	522071		
92462408058	TB 1	EPA 8260D	522071		
92462408059	TB 2	EPA 8260D	522071		
92462408060	TB 3	EPA 8260D	522071		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix W

WO# : 92462408

92462408

ALL SH

Company: MECI

Address: 131 Dooley Rd, Lexington SC 29073

Report To: B. Slone

Copy To:

Customer Project Name/Number: HQ Heath Self Serve 2

Phone:

Email:

Billing Information:

Email To: jlc@meci.net

Site Collection Info/Address: 501 Guinard Dr.

State: SC County/City: Sumter Time Zone Collected: [ ]PT [ ]MT [ ]CT [V]ET

Site/Facility ID #: 60158

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Shawn Sprott

Collected By (signature):

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Container Preservative: 3 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEX/MN, 1,2-DCA, Oxys 8260B	Analyses: EDB 8011	Lab Profile/Line: Lab Sample # / Comments:
											92462408
MW-1R	GW	G	1/24/20	11:26				6	X	X	Slight Odor 001
MW 2				10:09							Odor 002
MW 3				9:56							No Odor 003
MW 4R				10:42							Odor/Sheen 004
MW 4D				10:28							Slight Odor 005
MW 5D				10:36							No Odor 006
MW 6				9:56							No Odor 007
MW 7			1/23/20	12:57							Odor/Sheen 008
MW 8				12:05							Odor/Sheen 009
MW 9											DNS

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: B-Bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2418414

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips:			
Sample pH Acceptable	Y	N	(NA)
pH Strips:			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips:			

Lab Sample Temperature Info:

Temp Blank Received: Y N (NA)

Therm ID#: 92705

Cooler 1 Temp Upon Receipt: 1.7 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 1.7 oC

Comments:

Trip Blank Received: (Y) N NA

(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
MECI	1/24 15:00		1-24-20 1516
Relinquished by/Company: (Signature)	Date/Time: 1-24-20 1407	Received by/Company: (Signature) Giovanna LiPace	Date/Time: 1-24-20 1802
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workord

WO# : 92462408

PM: AMB Due Date: 01/31/20

CLIENT: 92-MIDLAND

ALL SHADED

ompany: MECI

Billing Information:

ddress: 131 Dooley Rd, Lexington SC 29073

eport To: B. Shane

Email To: jlc@meci.net

opy To:

Site Collection Info/Address:

ustomer Project Name/Number: HQ Heath Self Serve 2

State: SC County/City: Sumter Time Zone Collected: [ ]PT [ ]MT [ ]CT [✓]ET

hone:
mail:

Site/Facility ID #: 60158

Compliance Monitoring? [ ] Yes [ ] No

ollected By (print): Shawn Spratt

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

ollected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

ample Disposal:
] Dispose as appropriate [ ] Return
] Archive: _____
] Hold: _____

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 3 | 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses: BTEXNM / 1,2-DCA, Oxys 8260B | EDB 8011

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEXNM / 1,2-DCA, Oxys 8260B	EDB 8011
MW 10										
MW 11R	GW	G	1/24/20	9:15				6	X	X
MW 12			1/23/20	11:55						
MW 13				11:53						
MW 13i				13:20						
MW 13D				12:53						
MW 14				10:14						
MW 15				10:26						
MW 16				9:37						
MW 16i				9:52						

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N	(NA)
Custody Signatures Present	(Y) N	NA
Collector Signature Present	(Y) N	NA
Bottles Intact	(Y) N	NA
Correct Bottles	(Y) N	NA
Sufficient Volume	(Y) N	NA
Samples Received on Ice	(Y) N	NA
VOA - Headspace Acceptable	(Y) N	NA
USDA Regulated Soils	Y N	(NA)
Samples in Holding Time	(Y) N	NA
Residual Chlorine Present	Y N	(NA)
Cl Strips: _____		
Sample pH Acceptable	Y N	(NA)
pH Strips: _____		
Sulfide Present	Y N	(NA)
Lead Acetate Strips: _____		

LAB USE ONLY:
Lab Sample # / Comments:

92462408

DN3

Slight Odor	010
Odor / Sheen	011
No Odor	012
No Odor	013
No Odor	014
No Odor	015
No Odor	016
No Odor	017
No Odor	018

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: B-Bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2418415

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92058
Cooler 1 Temp Upon Receipt: 1.7 oC
Cooler 1 Therm Corr. Factor: oC
Cooler 1 Corrected Temp: 1.7 oC
Comments:

	Date/Time:	Received by/Company: (Signature)	Date/Time:
elinquished by/Company: (Signature) MECI	1/24 15:00		1-24-20 1518
elinquished by/Company: (Signature)	1-24-20 1402	Jovana/Pace	1-24-20 1802
elinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: 2 of: 2

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Work

WO# : 92462408

PM: AMB Due Date: 01/31/20

CLIENT: 92-MIDLAND

ALL SHADE

Company: MECI

Address: 31 Dooley Rd, Lexington SC 29073

Report To: B. Shane

Copy To:

Billing Information:

Email To: jlc@meci.net

Site Collection Info/Address:

Customer Project Name/Number: HQ Heath Self Serve 2.

State: SC County/City: Sumter Time Zone Collected: [ ]PT [ ]MT [ ]CT [V]ET

Phone:

Email:

Site/Facility ID #: 60138

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Shawn Sprott

Collected By (signature):

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Container Preservative Type **: 3 3

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEXNM, 1,2-DCA, OXYS 8260B	Analyses: EDB 8011	Lab Sample # / Comments
MW 16D	GW	G	1/23/20	10:02				6	X	X	92462408
MW 17R				10:14							No Odor 019
MW 18				10:26							Slight Odor 020
MW 19			1/24/20	9:44							No Odor 021
MW 20			1/23/20	9:10							Slight Odor 022
MW 21											Slight Odor 023
MW 22			1/23/20	9:24							DNS
MW 23			1/23/20	9:24							Slight Odor 024
MW 24											No Odor 025
MW 25			1/23/20	10:14							DNS
											No Odor 026

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	(NA)
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	(Y)	N	NA
Correct Bottles	(Y)	N	NA
Sufficient Volume	(Y)	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips:			
Sample pH Acceptable	Y	N	(NA)
pH Strips:			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips:			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: B. Bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2415630

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:

Temp Blank Received: Y N (NA)

Therm ID#: 92 TO 58

Cooler 1 Temp Upon Receipt: 1.7 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 1.7 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
MECI	1/24 15:00		1.24.20 1518
	1.24.20 1800	Jovuna Place	1.24.20 1802

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: (Y) N (NA) 1.27 JL

(HCl) MeOH TSP Other

Non Conformance(s): YES / NO

Page: 3 of: 1

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Worko

WO# : 92462408

PM: AMB Due Date: 01/31/20

CLIENT: 92-MIDLAND

ALL SHADE

ompany: MECI

Billing Information:

ddress: 131 Dooley Rd, Lexington SC 29073

eport To: B. Shane

Email To: jlc@meci.net

opy To:

Site Collection Info/Address:

ustomer Project Name/Number: TQ Heath Self Serve 2

State: SC / County/City: / Time Zone Collected: [ ]PT [ ]MT [ ]CT [✓]ET

hone:
mail:

Site/Facility ID #: 60158

Compliance Monitoring? [ ] Yes [ ] No

ollected By (print): Shawn Sprott

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

ollected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

ample Disposal:
] Dispose as appropriate [ ] Return
] Archive: _____
] Hold: _____

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 3 | 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager:

Analyses: BTEX NM, 1,2-DCA, Oxys 8260B | EDB 8011

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEX NM, 1,2-DCA, Oxys 8260B	EDB 8011	Lab Profile/Line:
MW 26	GW	G	1/23/20	9:08				6	X	X	92462408
MW 27			1/24/20	9:32							027 Organic Odor
MW 28			1/23/20	9:05							028 No Odor
MW 29				11:29							029 No Odor
MW 29i				11:49							030 Slight Odor
MW 29D				11:17							031 No Odor
MW 30				10:45							032 No Odor
MW 31				10:45							033 Organic Odor
MW 32				10:45							034 No Odor
MW 33				10:51							035 Odor
											036 Odor

Lab Sample Receipt Checklist:

Custody Seals Present/Intact Y N (NA)
Custody Signatures Present (Y) N NA
Collector Signature Present (Y) N NA
Bottles Intact (Y) N NA
Correct Bottles (Y) N NA
Sufficient Volume (Y) N NA
Samples Received on Ice (Y) N NA
VOA - Headspace Acceptable (Y) N NA
USDA Regulated Soils Y N (NA)
Samples in Holding Time (Y) N NA
Residual Chlorine Present Y N (NA)
Cl Strips: _____
Sample pH Acceptable Y N (NA)
pH Strips: _____
Sulfide Present Y N (NA)
Lead Acetate Strips: _____

LAB USE ONLY:
Lab Sample # / Comments:

ustomer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: B-Bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2415631

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92T058
Cooler 1 Temp Upon Receipt: 1.7 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 1.7 oC
Comments:

elinquished by/Company: (Signature) MECI	Date/Time: 1/24 15:00	Received by/Company: (Signature)	Date/Time: 1-24-20 1518
elinquished by/Company: (Signature)	Date/Time: 1-24-20 1802	Received by/Company: (Signature) Tovana L Pace	Date/Time: 1-24-20 1802
elinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: 4 of: 7

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Worko

WO# : 92462408

PM: AMB Due Date: 01/31/20

CLIENT: 92-MIDLAND

ALL SHADE

Page 96 of 98

mpany: MECI	Billing Information:
dress: 51 Dooley Rd, Lexington SC 29073	
port To: B. Shane	Email To: jlc@meci.net
py To:	Site Collection Info/Address:
stomer Project Name/Number: IQ Heath Self Serve 2	State: SC County/City: Sumter Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
one: / ail:	Site/Facility ID #: 60158 / Compliance Monitoring? [ ] Yes [ ] No
llected By (print): Shawn Sprott	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
llected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [ ] Yes [ ] No
mple Disposal: Dispose as appropriate [ ] Return Archive: ____ Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

Container Preservative Type **: 3 | 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Lab Project Manager:

Analyses: BTEXNA, 1,2-DCA, OXYS 8260B | EDB 8011

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

stomer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEXNA, 1,2-DCA, OXYS 8260B	EDB 8011
MW 34	GW	G	1/23/20	11:41				6	X	X
MW 35				11:41						
TFR 1			1/24/20	11:08						
TFR 2				11:14						
TFR 3			1/23/20	13:52						
TFR 4				12:43						
TFR 5										
TFR 6				12:13						
TFR 7										
TFR 8										

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: ____			
Sample pH Acceptable	Y	N	NA
pH Strips: ____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: ____			

LAB USE ONLY:
Lab Sample # / Comments:

92462408

Odor 037
Odor/Sheen 038
Odor/Sheen 039
Odor/Sheen 040
Odor/Sheen 041
Odor 042
DNS
Odor/Sheen 043
DNS
DNS

stomer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: B-Bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2415652

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92TD58
Cooler 1 Temp Upon Receipt: 1.7 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 1.7 oC
Comments:

inquished by/Company: (Signature) MECI	Date/Time: 1/24 15:00	Received by/Company: (Signature)	Date/Time: 1-24-20 1518	MTJL LAB USE ONLY	
linquished by/Company: (Signature)	Date/Time: 1-24-20 1402	Received by/Company: (Signature) Jovana L Pace	Date/Time: 1-24-20 1802	Table #: / Acctnum: / Template: / Prelogin: / PM: / PB:	Trip Blank Received: (Y) N NA (HCL) MeOH TSP Other
inquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:		Non Conformance(s): YES / NO

Page: 5 of: 5

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Work

WO#: 92462408

PM: AMB Due Date: 01/31/20

CLIENT: 92-MIDLAND

ALL SHAD

Company: MECI

Address: 81 Dooley Rd., Lexington SC 29073

Report To: B. Shane

Copy To:

Customer Project Name/Number: HQ Heath Self Serve 2

Billing Information:

Email To: jlc@mecinet

Site Collection Info/Address:

State: SC County/City: Sumter Time Zone Collected: [ ] PT [ ] MT [ ] CT [✓] ET

Phone:

Email:

Site/Facility ID #: 60158

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Shawn Sprott

Collected By (signature):

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 3 | 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

Analyses: BTEXNM, 1,2-DCA, OXYS 8260B; EDB 8011

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns			Lab Profile/Line:
TFR9	GW	G	1/23/20	11:29				6	X	X	92462408
TFR10				12:21							044 Slight Odor
TFR11				11:17							045 Odor/Sheen
TFR12											046 Odor
DUP1				11:17							DNS
DUP2				12:21							047 Odor
DUP3				11:41							048 Odor/Sheen
FB1			1/23/20	14:09							049 Odor/Sheen
FB2			1/24/20	12:00							050 FB1
TB1			1/23/20	8:00				2	X		051 FB2
											058 TB1

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: B-Bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2415654

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92T058
Cooler 1 Temp Upon Receipt: 1.7 oC
Cooler 1 Therm Corr. Factor: 0 oC
Cooler 1 Corrected Temp: 1.7 oC
Comments:

Relinquished by/Company: (Signature) MECI	Date/Time: 1/24 15:00	Received by/Company: (Signature)	Date/Time: 1-24-20 1518	MTJL LAB USE ONLY
Relinquished by/Company: (Signature)	Date/Time: 1-24-20 1802	Received by/Company: (Signature) Jovina L Pace	Date/Time: 1-24-20 1802	Table #: Acctnum: Template: Prelogin: PM: PB:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: 5 of: 5

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Log MTJL L

WO# : 92462408

PM: AMB Due Date: 01/31/20

CLIENT: 92-MIDLAND

ALL SHADED ARE

Page 98 of 98

Company: MECI

Billing Information:

Address: 51 Dooley Rd, Lexington SC 29073

Report To: B. Shane

Email To: jlc@meci.net

Copy To:

Site Collection Info/Address:

Customer Project Name/Number: HQ Heath Self Serve 2

State: SC County/City: Sumter Time Zone Collected: [ ]PT [ ]MT [ ]CT [✓]ET

Phone:

Email:

Site/Facility ID #: 60158

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Shawn Sprott

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Collected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 3 | 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

Analyses: BTEXNM, 1,2-DCA, OXYS 8260B; EDB 8011

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEXNM, 1,2-DCA, OXYS 8260B	EDB 8011	Lab Profile/Line
TB2	GW	G	1/23/20	8:00				2	X		TB2 059
TB3	GW	G	1/24/20	8:00				2	X		TB3 060
SW-1	GW	G	1/23/20	9:17				6	X	X	LDL 052
SW-2	GW	G	1/23/20	9:19				6	X	X	LDL 053
SW-3	GW	G	1/23/20	9:21				6	X	X	LDL 054
SW-4	GW	G	1/23/20	9:23				6	X	X	LDL 055
SW-5	GW	G	1/23/20	9:25				6	X	X	LDL 056
SW-6	GW	G	1/23/20	10:33				6	X	X	LDL 057

Lab Profile/Line: Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N	NA
Custody Signatures Present	Y N	NA
Collector Signature Present	Y N	NA
Bottles Intact	Y N	NA
Correct Bottles	Y N	NA
Sufficient Volume	Y N	NA
Samples Received on Ice	Y N	NA
VOA - Headspace Acceptable	Y N	NA
USDA Regulated Soils	Y N	NA
Samples in Holding Time	Y N	NA
Residual Chlorine Present	Y N	NA
Cl Strips:		
Sample pH Acceptable	Y N	NA
pH Strips:		
Sulfide Present	Y N	NA
Lead Acetate Strips:		

LAB USE ONLY: Lab Sample # / Comments: 92462408

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: B. Bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2415653

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:

Temp Blank Received: Y N (NA)

Therm ID#: 92T058

Cooler 1 Temp Upon Receipt: 1.7 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 1.7 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
MECI	1/24 15:00		1-24-20 1518
	1-24-20 1802	Jovuna L/Pace	1-24-20 1802

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: (Y) N NA (HCl) MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

February 04, 2020

Mr. Bryan Shane
Midlands Environmental
PO Box 854
Lexington, SC 29071

RE: Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Dear Mr. Shane:
Enclosed are the analytical results for sample(s) received by the laboratory on January 24, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Mr. Jeff Coleman, Midlands Environmental
Mr. Kyle Pudney, Midlands Environmental

NELAP ACCREDITED TNI LABORATORY

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92462397001	WSW-3	Water	01/24/20 12:10	01/24/20 15:18
92462397002	WSW-5	Water	01/24/20 12:19	01/24/20 15:18
92462397003	WSW-6	Water	01/24/20 12:21	01/24/20 15:18
92462397004	DUP	Water	01/24/20 12:10	01/24/20 15:18
92462397005	FB	Water	01/24/20 12:25	01/24/20 15:18
92462397006	TB	Water	01/24/20 08:00	01/24/20 15:18

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92462397001	WSW-3	EPA 504.1	BAJ	2	PASI-C
		EPA 524.2	GAW	10	PASI-C
		EPA 8260D	SAS	11	PASI-C
92462397002	WSW-5	EPA 504.1	BAJ	2	PASI-C
		EPA 524.2	GAW	10	PASI-C
		EPA 8260D	SAS	11	PASI-C
92462397003	WSW-6	EPA 504.1	BAJ	2	PASI-C
		EPA 524.2	GAW	10	PASI-C
		EPA 8260D	SAS	11	PASI-C
92462397004	DUP	EPA 504.1	BAJ	2	PASI-C
		EPA 524.2	GAW	10	PASI-C
		EPA 8260D	SAS	11	PASI-C
92462397005	FB	EPA 504.1	BAJ	2	PASI-C
		EPA 524.2	GAW	10	PASI-C
		EPA 8260D	SAS	11	PASI-C
92462397006	TB	EPA 524.2	GAW	10	PASI-C
		EPA 8260D	SAS	11	PASI-C

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Sample: WSW-3 **Lab ID: 92462397001** Collected: 01/24/20 12:10 Received: 01/24/20 15:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	01/29/20 09:50	01/29/20 22:36	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	84	%	70-130		1	01/29/20 09:50	01/29/20 22:36	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	ND	ug/L	0.50	0.25	1		01/29/20 18:03	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		01/29/20 18:03	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		01/29/20 18:03	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		01/29/20 18:03	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		01/29/20 18:03	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		01/29/20 18:03	108-88-3	
m&p-Xylene	ND	ug/L	1.0	0.46	1		01/29/20 18:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		01/29/20 18:03	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	92	%	70-130		1		01/29/20 18:03	2199-69-1	
4-Bromofluorobenzene (S)	92	%	70-130		1		01/29/20 18:03	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		01/30/20 03:47	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		01/30/20 03:47	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		01/30/20 03:47	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		01/30/20 03:47	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		01/30/20 03:47	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		01/30/20 03:47	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		01/30/20 03:47	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		01/30/20 03:47	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/30/20 03:47	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		01/30/20 03:47	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		01/30/20 03:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Sample: WSW-5 **Lab ID: 92462397002** Collected: 01/24/20 12:19 Received: 01/24/20 15:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	01/29/20 09:50	01/29/20 22:48	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	83	%	70-130		1	01/29/20 09:50	01/29/20 22:48	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	ND	ug/L	0.50	0.25	1		01/29/20 18:29	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		01/29/20 18:29	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		01/29/20 18:29	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		01/29/20 18:29	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		01/29/20 18:29	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		01/29/20 18:29	108-88-3	
m&p-Xylene	ND	ug/L	1.0	0.46	1		01/29/20 18:29	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		01/29/20 18:29	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	93	%	70-130		1		01/29/20 18:29	2199-69-1	
4-Bromofluorobenzene (S)	92	%	70-130		1		01/29/20 18:29	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		01/30/20 04:05	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		01/30/20 04:05	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		01/30/20 04:05	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		01/30/20 04:05	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		01/30/20 04:05	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		01/30/20 04:05	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		01/30/20 04:05	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		01/30/20 04:05	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/30/20 04:05	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		01/30/20 04:05	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		01/30/20 04:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Sample: WSW-6 **Lab ID: 92462397003** Collected: 01/24/20 12:21 Received: 01/24/20 15:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	02/03/20 07:55	02/03/20 19:52	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	94	%	70-130		1	02/03/20 07:55	02/03/20 19:52	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	ND	ug/L	0.50	0.25	1		01/29/20 18:56	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		01/29/20 18:56	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		01/29/20 18:56	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		01/29/20 18:56	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		01/29/20 18:56	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		01/29/20 18:56	108-88-3	
m&p-Xylene	ND	ug/L	1.0	0.46	1		01/29/20 18:56	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		01/29/20 18:56	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/29/20 18:56	2199-69-1	
4-Bromofluorobenzene (S)	98	%	70-130		1		01/29/20 18:56	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		01/30/20 04:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		01/30/20 04:41	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		01/30/20 04:41	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		01/30/20 04:41	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		01/30/20 04:41	762-75-4	P5
Diisopropyl ether	ND	ug/L	1.0	0.22	1		01/30/20 04:41	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		01/30/20 04:41	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		01/30/20 04:41	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		01/30/20 04:41	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		01/30/20 04:41	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		01/30/20 04:41	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Sample: DUP **Lab ID: 92462397004** Collected: 01/24/20 12:10 Received: 01/24/20 15:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	02/03/20 07:55	02/03/20 20:16	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	94	%	70-130		1	02/03/20 07:55	02/03/20 20:16	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	ND	ug/L	0.50	0.25	1		01/29/20 19:22	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		01/29/20 19:22	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		01/29/20 19:22	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		01/29/20 19:22	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		01/29/20 19:22	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		01/29/20 19:22	108-88-3	
m&p-Xylene	ND	ug/L	1.0	0.46	1		01/29/20 19:22	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		01/29/20 19:22	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	105	%	70-130		1		01/29/20 19:22	2199-69-1	
4-Bromofluorobenzene (S)	100	%	70-130		1		01/29/20 19:22	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		01/30/20 04:59	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		01/30/20 04:59	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		01/30/20 04:59	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		01/30/20 04:59	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		01/30/20 04:59	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		01/30/20 04:59	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		01/30/20 04:59	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		01/30/20 04:59	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/30/20 04:59	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		01/30/20 04:59	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		01/30/20 04:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Sample: FB **Lab ID: 92462397005** Collected: 01/24/20 12:25 Received: 01/24/20 15:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	02/03/20 07:55	02/03/20 20:52	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	87	%	70-130		1	02/03/20 07:55	02/03/20 20:52	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	ND	ug/L	0.50	0.25	1		01/29/20 16:44	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		01/29/20 16:44	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		01/29/20 16:44	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		01/29/20 16:44	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		01/29/20 16:44	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		01/29/20 16:44	108-88-3	
m&p-Xylene	ND	ug/L	1.0	0.46	1		01/29/20 16:44	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		01/29/20 16:44	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	91	%	70-130		1		01/29/20 16:44	2199-69-1	
4-Bromofluorobenzene (S)	92	%	70-130		1		01/29/20 16:44	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		01/29/20 23:36	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		01/29/20 23:36	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		01/29/20 23:36	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		01/29/20 23:36	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		01/29/20 23:36	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		01/29/20 23:36	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		01/29/20 23:36	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		01/29/20 23:36	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		01/29/20 23:36	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		01/29/20 23:36	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		01/29/20 23:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Sample: TB **Lab ID: 92462397006** Collected: 01/24/20 08:00 Received: 01/24/20 15:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV SC List	Analytical Method: EPA 524.2								
Benzene	ND	ug/L	0.50	0.25	1		01/29/20 17:11	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		01/29/20 17:11	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		01/29/20 17:11	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		01/29/20 17:11	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		01/29/20 17:11	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		01/29/20 17:11	108-88-3	
m&p-Xylene	ND	ug/L	1.0	0.46	1		01/29/20 17:11	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		01/29/20 17:11	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		01/29/20 17:11	2199-69-1	
4-Bromofluorobenzene (S)	98	%	70-130		1		01/29/20 17:11	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		01/29/20 23:54	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		01/29/20 23:54	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		01/29/20 23:54	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		01/29/20 23:54	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		01/29/20 23:54	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		01/29/20 23:54	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		01/29/20 23:54	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		01/29/20 23:54	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		01/29/20 23:54	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		01/29/20 23:54	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		01/29/20 23:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

QC Batch: 522098 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Associated Lab Samples: 92462397001, 92462397002, 92462397003, 92462397004, 92462397005, 92462397006

METHOD BLANK: 2792652 Matrix: Water
Associated Lab Samples: 92462397001, 92462397002, 92462397003, 92462397004, 92462397005, 92462397006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	0.50	0.13	01/29/20 14:33	
Benzene	ug/L	ND	0.50	0.25	01/29/20 14:33	
Ethylbenzene	ug/L	ND	0.50	0.26	01/29/20 14:33	
m&p-Xylene	ug/L	ND	1.0	0.46	01/29/20 14:33	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.094	01/29/20 14:33	
Naphthalene	ug/L	ND	0.50	0.31	01/29/20 14:33	
o-Xylene	ug/L	ND	0.50	0.25	01/29/20 14:33	
Toluene	ug/L	ND	0.50	0.24	01/29/20 14:33	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130		01/29/20 14:33	
4-Bromofluorobenzene (S)	%	97	70-130		01/29/20 14:33	

LABORATORY CONTROL SAMPLE: 2792653

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	19.7	98	70-130	
Benzene	ug/L	20	19.6	98	70-130	
Ethylbenzene	ug/L	20	20.6	103	70-130	
m&p-Xylene	ug/L	40	42.5	106	70-130	
Methyl-tert-butyl ether	ug/L	20	18.5	93	70-130	
Naphthalene	ug/L	20	19.5	98	70-130	
o-Xylene	ug/L	20	21.0	105	70-130	
Toluene	ug/L	20	19.5	98	70-130	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

QC Batch: 522082 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Associated Lab Samples: 92462397001, 92462397005, 92462397006

METHOD BLANK: 2792607 Matrix: Water
Associated Lab Samples: 92462397001, 92462397005, 92462397006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	100	62.0	01/29/20 21:13	
Diisopropyl ether	ug/L	ND	1.0	0.22	01/29/20 21:13	
Ethanol	ug/L	ND	200	98.8	01/29/20 21:13	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.7	01/29/20 21:13	
tert-Amyl Alcohol	ug/L	ND	100	53.9	01/29/20 21:13	
tert-Amylmethyl ether	ug/L	ND	10.0	3.5	01/29/20 21:13	
tert-Butyl Alcohol	ug/L	ND	100	27.3	01/29/20 21:13	
tert-Butyl Formate	ug/L	ND	50.0	24.7	01/29/20 21:13	
1,2-Dichloroethane-d4 (S)	%	95	70-130		01/29/20 21:13	
4-Bromofluorobenzene (S)	%	102	70-130		01/29/20 21:13	
Toluene-d8 (S)	%	104	70-130		01/29/20 21:13	

LABORATORY CONTROL SAMPLE: 2792608

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	1000	990	99	70-130	
Diisopropyl ether	ug/L	50	47.7	95	70-130	
Ethanol	ug/L	2000	1740	87	70-130	
Ethyl-tert-butyl ether	ug/L	100	96.2	96	70-130	
tert-Amyl Alcohol	ug/L	1000	945	95	70-130	
tert-Amylmethyl ether	ug/L	100	104	104	70-130	
tert-Butyl Alcohol	ug/L	500	465	93	70-130	
tert-Butyl Formate	ug/L	400	433	108	70-130	
1,2-Dichloroethane-d4 (S)	%			82	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 2792610

Parameter	Units	92462390002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	400	343	86	39-157	
Diisopropyl ether	ug/L	ND	20	20.9	104	63-144	
Ethanol	ug/L	ND	800	724	90	39-176	
Ethyl-tert-butyl ether	ug/L	ND	40	40.9	102	66-137	
tert-Amyl Alcohol	ug/L	ND	400	355	89	54-153	
tert-Amylmethyl ether	ug/L	ND	40	41.7	104	69-139	
tert-Butyl Alcohol	ug/L	ND	200	290	145	43-188	
tert-Butyl Formate	ug/L	ND	160	ND	0	10-170	P5

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

MATRIX SPIKE SAMPLE: 2792610

Parameter	Units	92462390002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%				89	70-130	
4-Bromofluorobenzene (S)	%				99	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 2792609

Parameter	Units	92462390001 Result	Dup Result	RPD	Max RPD	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethanol	ug/L	ND	ND		30	
Ethyl-tert-butyl ether	ug/L	ND	ND		30	
tert-Amyl Alcohol	ug/L	ND	ND		30	
tert-Amylmethyl ether	ug/L	ND	ND		30	
tert-Butyl Alcohol	ug/L	ND	ND		30	
tert-Butyl Formate	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	93	93			
4-Bromofluorobenzene (S)	%	100	98			
Toluene-d8 (S)	%	103	105			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

QC Batch: 522087 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260 MSV Low Level SC
Associated Lab Samples: 92462397002, 92462397003, 92462397004

METHOD BLANK: 2792618 Matrix: Water
Associated Lab Samples: 92462397002, 92462397003, 92462397004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	100	62.0	01/29/20 21:31	
Diisopropyl ether	ug/L	ND	1.0	0.22	01/29/20 21:31	
Ethanol	ug/L	ND	200	98.8	01/29/20 21:31	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.7	01/29/20 21:31	
tert-Amyl Alcohol	ug/L	ND	100	53.9	01/29/20 21:31	
tert-Amylmethyl ether	ug/L	ND	10.0	3.5	01/29/20 21:31	
tert-Butyl Alcohol	ug/L	ND	100	27.3	01/29/20 21:31	
tert-Butyl Formate	ug/L	ND	50.0	24.7	01/29/20 21:31	
1,2-Dichloroethane-d4 (S)	%	98	70-130		01/29/20 21:31	
4-Bromofluorobenzene (S)	%	102	70-130		01/29/20 21:31	
Toluene-d8 (S)	%	102	70-130		01/29/20 21:31	

LABORATORY CONTROL SAMPLE: 2792619

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	1000	1030	103	70-130	
Diisopropyl ether	ug/L	50	46.9	94	70-130	
Ethanol	ug/L	2000	1760	88	70-130	
Ethyl-tert-butyl ether	ug/L	100	96.4	96	70-130	
tert-Amyl Alcohol	ug/L	1000	986	99	70-130	
tert-Amylmethyl ether	ug/L	100	104	104	70-130	
tert-Butyl Alcohol	ug/L	500	485	97	70-130	
tert-Butyl Formate	ug/L	400	430	108	70-130	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 2792621

Parameter	Units	92462397003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	400	352	88	39-157	
Diisopropyl ether	ug/L	ND	20	20.0	100	63-144	
Ethanol	ug/L	ND	800	717	90	39-176	
Ethyl-tert-butyl ether	ug/L	ND	40	41.0	102	66-137	
tert-Amyl Alcohol	ug/L	ND	400	361	90	54-153	
tert-Amylmethyl ether	ug/L	ND	40	41.0	103	69-139	
tert-Butyl Alcohol	ug/L	ND	200	298	149	43-188	
tert-Butyl Formate	ug/L	ND	160	ND	0	10-170	P5

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

MATRIX SPIKE SAMPLE: 2792621

Parameter	Units	92462397003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%				89	70-130	
4-Bromofluorobenzene (S)	%				96	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 2792620

Parameter	Units	92462397002 Result	Dup Result	RPD	Max RPD	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethanol	ug/L	ND	ND		30	
Ethyl-tert-butyl ether	ug/L	ND	ND		30	
tert-Amyl Alcohol	ug/L	ND	ND		30	
tert-Amylmethyl ether	ug/L	ND	ND		30	
tert-Butyl Alcohol	ug/L	ND	ND		30	
tert-Butyl Formate	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	92	95			
4-Bromofluorobenzene (S)	%	100	101			
Toluene-d8 (S)	%	103	101			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

QC Batch: 522003
QC Batch Method: EPA 504.1
Analysis Method: EPA 504.1
Analysis Description: GCS 504 EDB DBCP
Associated Lab Samples: 92462397001, 92462397002

METHOD BLANK: 2792143
Matrix: Water
Associated Lab Samples: 92462397001, 92462397002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	01/29/20 17:50	
1-Chloro-2-bromopropane (S)	%	127	70-130		01/29/20 17:50	

LABORATORY CONTROL SAMPLE & LCSD: 2792144 2792145

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.24	0.26	97	105	70-130	7	20	
1-Chloro-2-bromopropane (S)	%				96	102	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2792147 2792148

Parameter	Units	92461940002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	0.011U	0.25	0.25	0.23	0.23	93	93	65-135	0	20	
1-Chloro-2-bromopropane (S)	%						90	89	70-130			

SAMPLE DUPLICATE: 2792146

Parameter	Units	92461940001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.011U	ND		20	
1-Chloro-2-bromopropane (S)	%	89	93			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

QC Batch: 522770 Analysis Method: EPA 504.1
QC Batch Method: EPA 504.1 Analysis Description: GCS 504 EDB DBCP
Associated Lab Samples: 92462397003, 92462397004, 92462397005

METHOD BLANK: 2795830 Matrix: Water
Associated Lab Samples: 92462397003, 92462397004, 92462397005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	02/03/20 19:17	
1-Chloro-2-bromopropane (S)	%	96	70-130		02/03/20 19:17	

LABORATORY CONTROL SAMPLE & LCSD: 2795831 2795832

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.23	0.24	96	97	70-130	1	20	
1-Chloro-2-bromopropane (S)	%				91	94	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2795834 2795835

Parameter	Units	92462397004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.26	0.26	0.23	0.24	92	94	65-135	2	20	
1-Chloro-2-bromopropane (S)	%						90	91	70-130			

SAMPLE DUPLICATE: 2795833

Parameter	Units	92462397003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	94	92			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

P5 The EPA or method required sample preservation degrades this compound, therefore acceptable recoveries may not be achieved in sample matrix spikes.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Heath Self Serve 2
Pace Project No.: 92462397

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92462397001	WSW-3	EPA 504.1	522003	EPA 504.1	522128
92462397002	WSW-5	EPA 504.1	522003	EPA 504.1	522128
92462397003	WSW-6	EPA 504.1	522770	EPA 504.1	522872
92462397004	DUP	EPA 504.1	522770	EPA 504.1	522872
92462397005	FB	EPA 504.1	522770	EPA 504.1	522872
92462397001	WSW-3	EPA 524.2	522098		
92462397002	WSW-5	EPA 524.2	522098		
92462397003	WSW-6	EPA 524.2	522098		
92462397004	DUP	EPA 524.2	522098		
92462397005	FB	EPA 524.2	522098		
92462397006	TB	EPA 524.2	522098		
92462397001	WSW-3	EPA 8260D	522082		
92462397002	WSW-5	EPA 8260D	522087		
92462397003	WSW-6	EPA 8260D	522087		
92462397004	DUP	EPA 8260D	522087		
92462397005	FB	EPA 8260D	522082		
92462397006	TB	EPA 8260D	522082		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix ALL SH

WO# : 92462397

92462397

Company: MECI	Billing Information:
Address: 251 Dooley Rd, Lexington SC 29073	
Report To: B. Shane	Email To: jlc@meci.net
Copy To:	Site Collection Info/Address: ~~504~~ 501 N Guignard Dr.
Customer Project Name/Number: HQ Heath Self Serve 2	State: SC County/City: Sumter Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: Email:	Site/Facility ID #: CA# 60158 ~~MECI # 19-7020~~
Collected By (print): Shaun Sprott	Purchase Order #: Quote #:
Collected By (signature):	~~Turnaround~~ Date Required:
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Compliance Monitoring? [ ] Yes [ ] No	DW PWS ID #: DW Location Code:
Immediately Packed on Ice: [ ] Yes [ ] No	Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type: 3 | 3 | 8

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEX/MN, 1,2-DCA 524.2	Oxys 8260B	EDB 504.1	Lab Sample # / Comments
												92462397
WSW-3	DW	G	1/24/20	12:10				9	X	X	X	LDL 001
WSW-5	"	"	"	12:19				9	X	X	X	LDL 002
WSW-6	"	"	"	12:21				9	X	X	X	LDL 003
DUP	"	"	"	12:10				9	X	X	X	LDL 004
FB	"	"	"	12:25				9	X	X	X	FB 005
TB	"	"	"	8:00				6	X	X		TB 006

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N (NA)
Custody Signatures Present	(Y) N NA
Collector Signature Present	(Y) N NA
Bottles Intact	(Y) N NA
Correct Bottles	(Y) N NA
Sufficient Volume	(Y) N NA
Samples Received on Ice	(Y) N NA
VOA - Headspace Acceptable	(Y) N NA
USDA Regulated Soils	Y N (NA)
Samples in Holding Time	(Y) N NA
Residual Chlorine Present	Y N (NA)
Cl Strips:	
Sample pH Acceptable	Y N (NA)
pH Strips:	
Sulfide Present	Y N (NA)
Lead Acetate Strips:	

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: B-Bags

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): (Y) N N/A

Lab Tracking #: 2418443

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:

Temp Blank Received: Y N (NA)

Therm ID#: 92T058

Cooler 1 Temp Upon Receipt: 2.2 oC

Cooler 1 Therm Corr. Factor: 0 oC

Cooler 1 Corrected Temp: 2.2 oC

Comments:

Relinquished by/Company: (Signature) MECI	Date/Time: 1/24/2020 15:00	Received by/Company: (Signature)	Date/Time: 1-24-20 318
Relinquished by/Company: (Signature)	Date/Time: 1-24-20 1802	Received by/Company: (Signature) Jovana L Pace	Date/Time: 1-24-20 1802
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received (Y) N NA

(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: 1 of: 1

APPENDIX C:

TAX MAP

(Not Applicable)

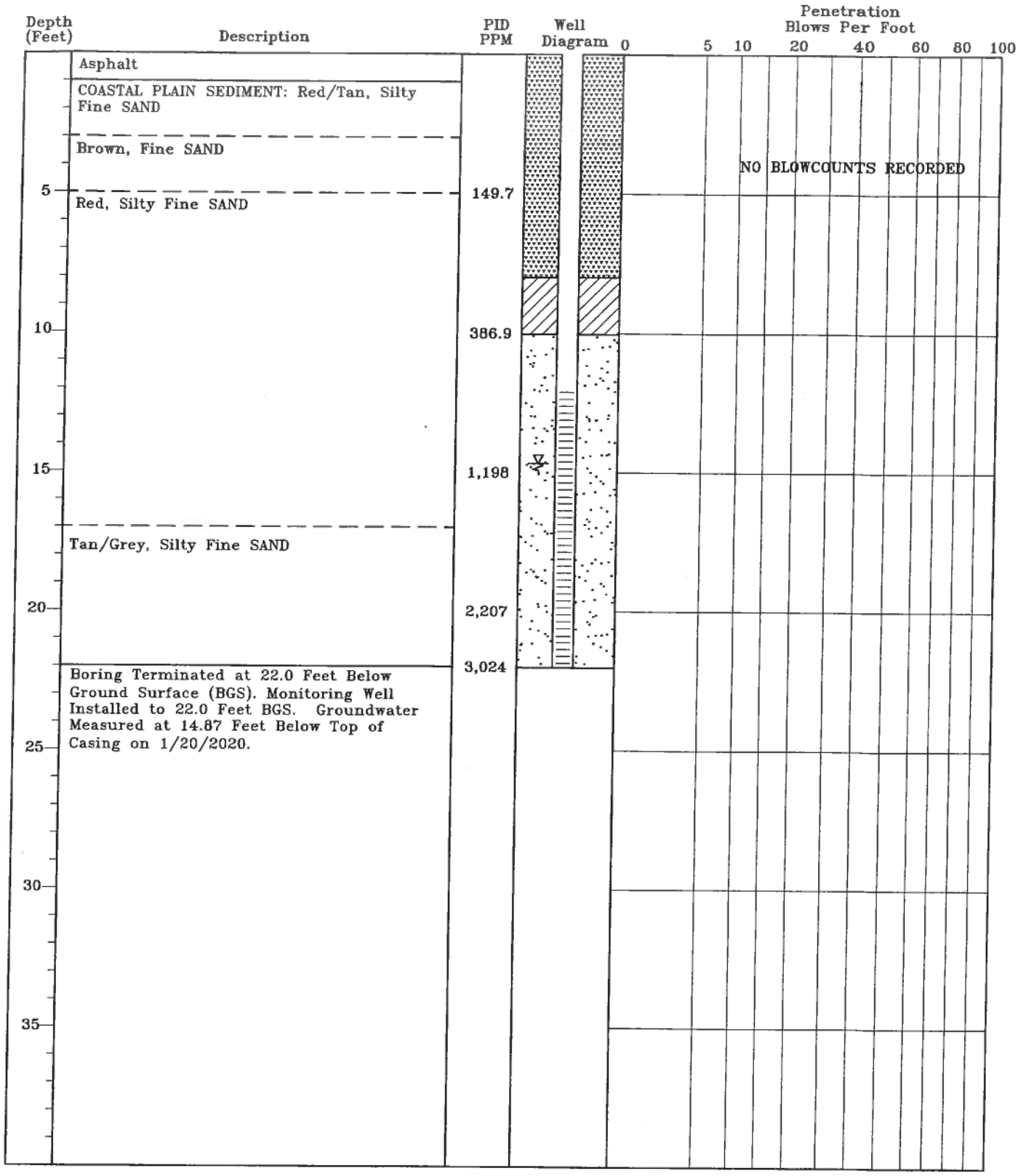
APPENDIX D:

SOIL BORING/FIELD SCREENING LOGS & 1903 FORMS

(Not Applicable)

APPENDIX E:

WELL COMPLETION LOGS & 1903 FORMS



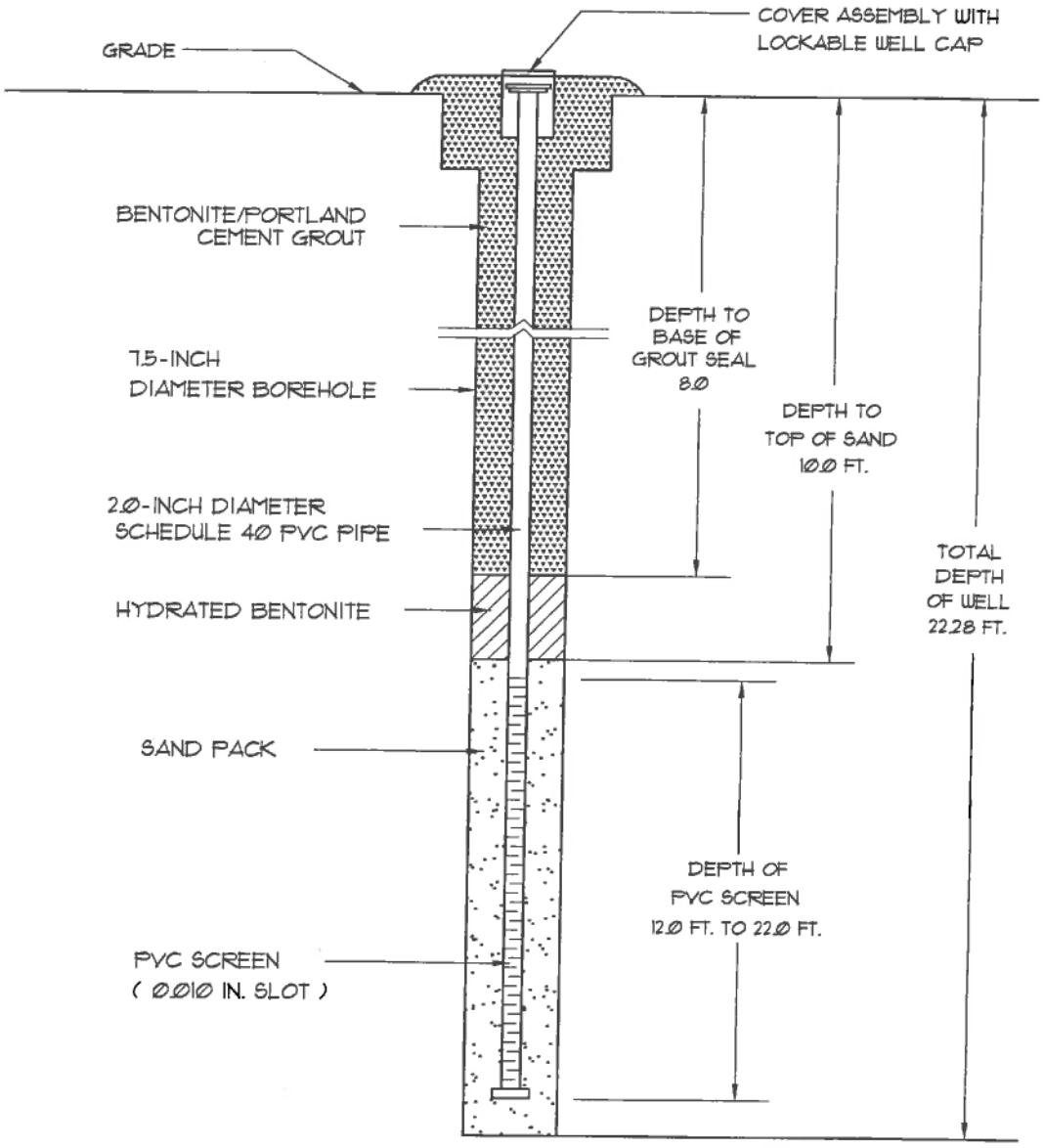
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW04R
Date Drilled:	1/16/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

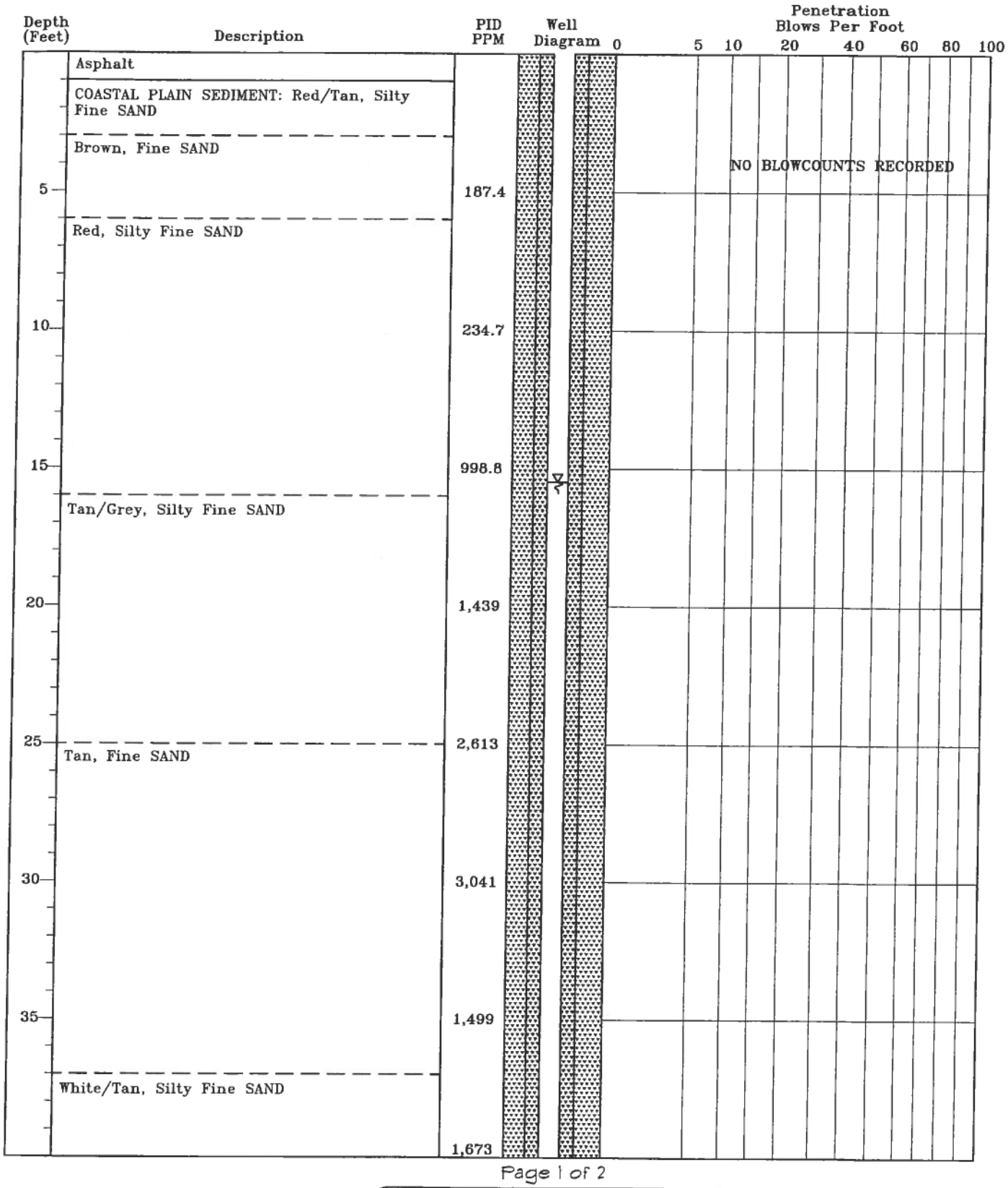
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW04R
Date Drilled:	1/16/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

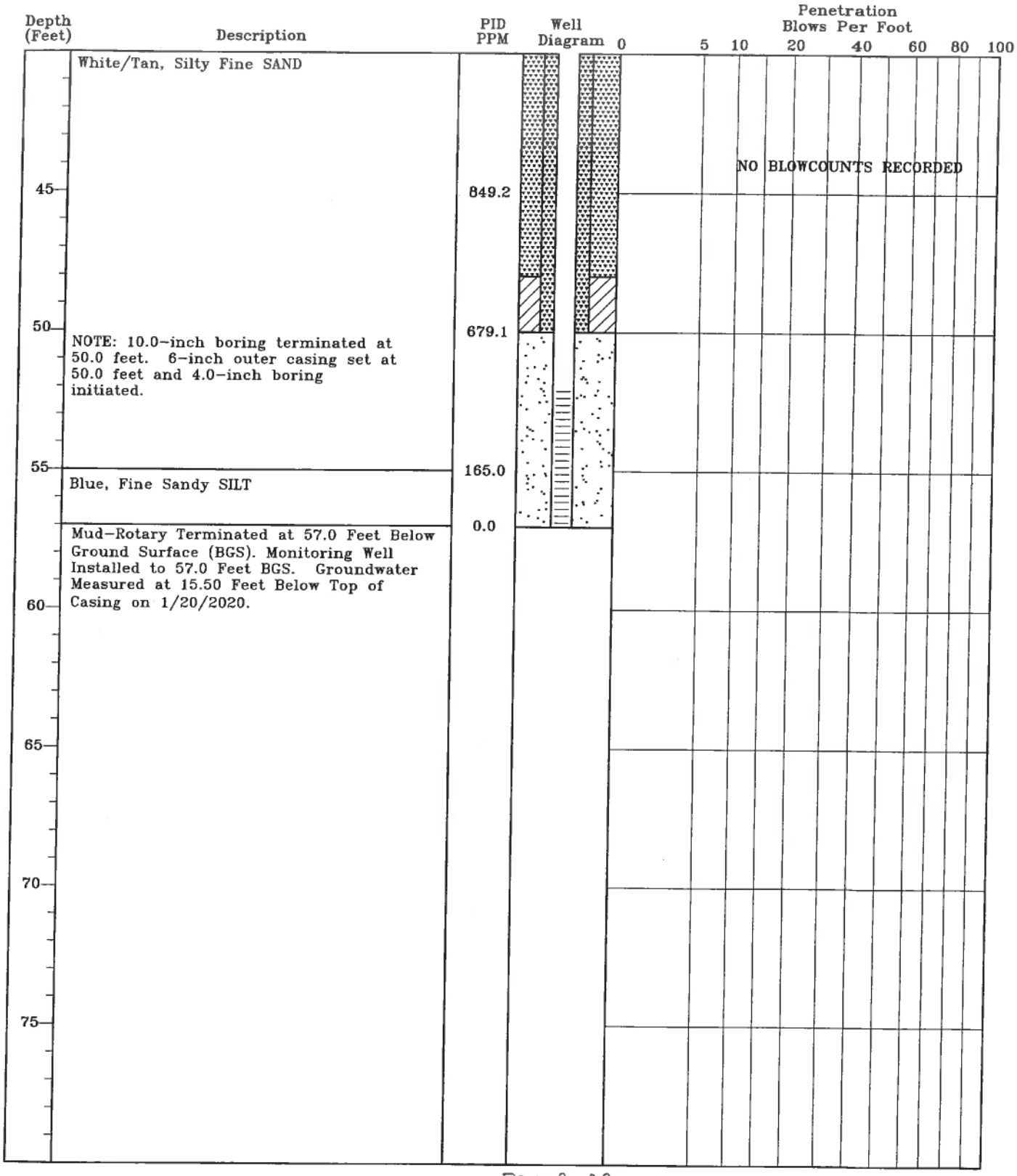
Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW04D
Date Drilled:	1/15/2020-1/16/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



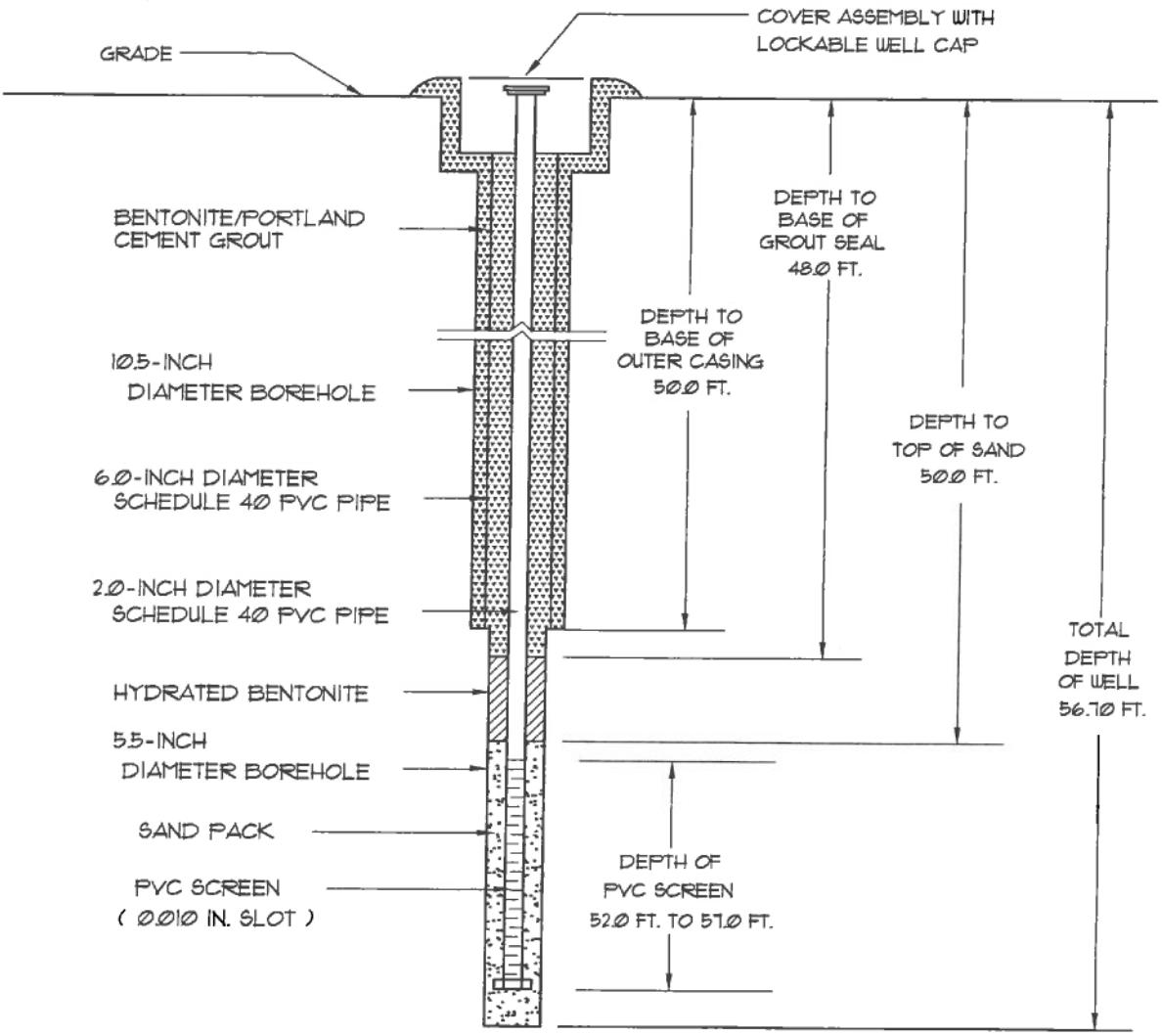
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW04D
Date Drilled:	1/15/2020-1/16/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

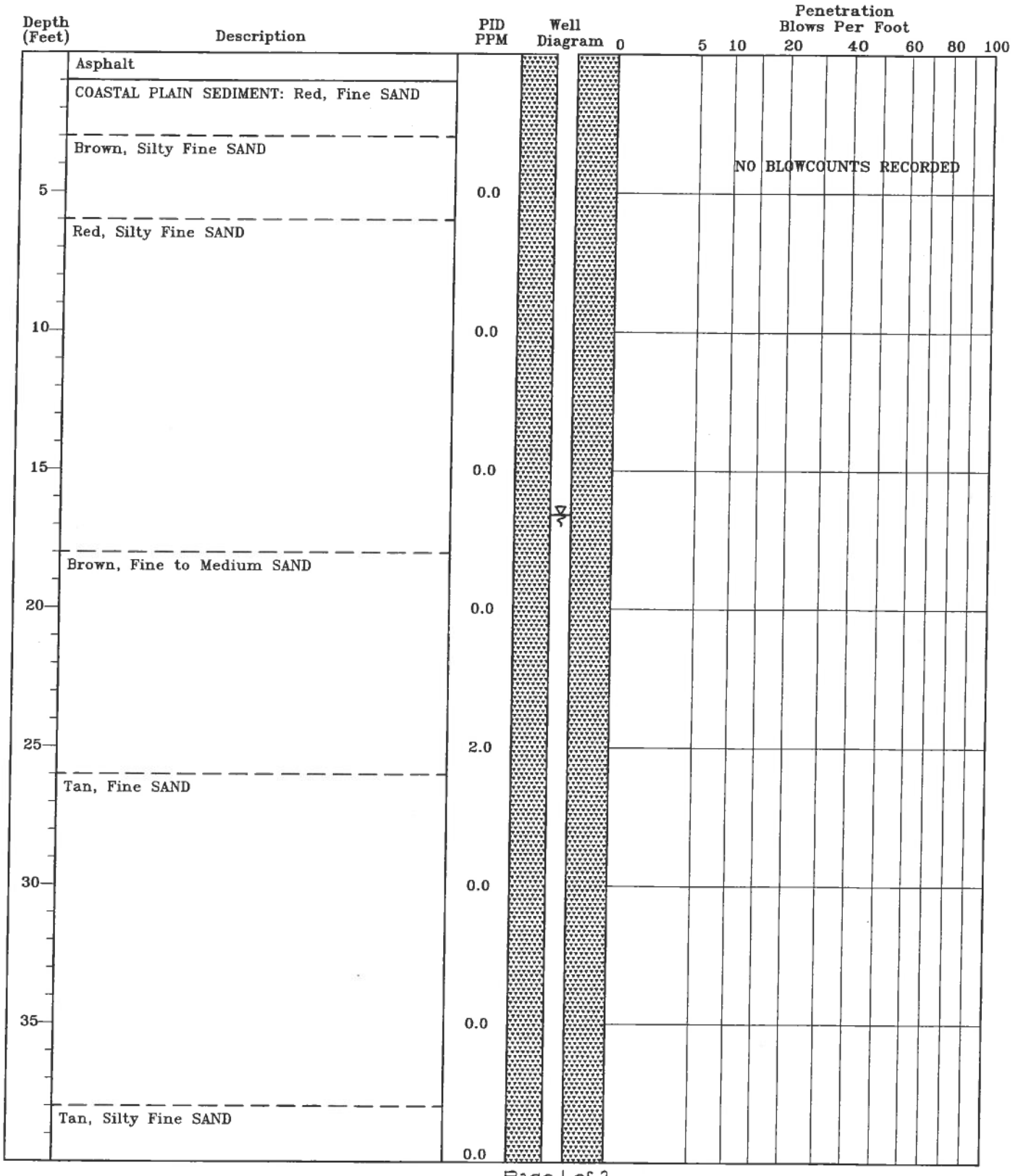
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW04D
Date Drilled:	1/15/2020-1/16/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D. #: B02200
Logged By:	K. Jacobs

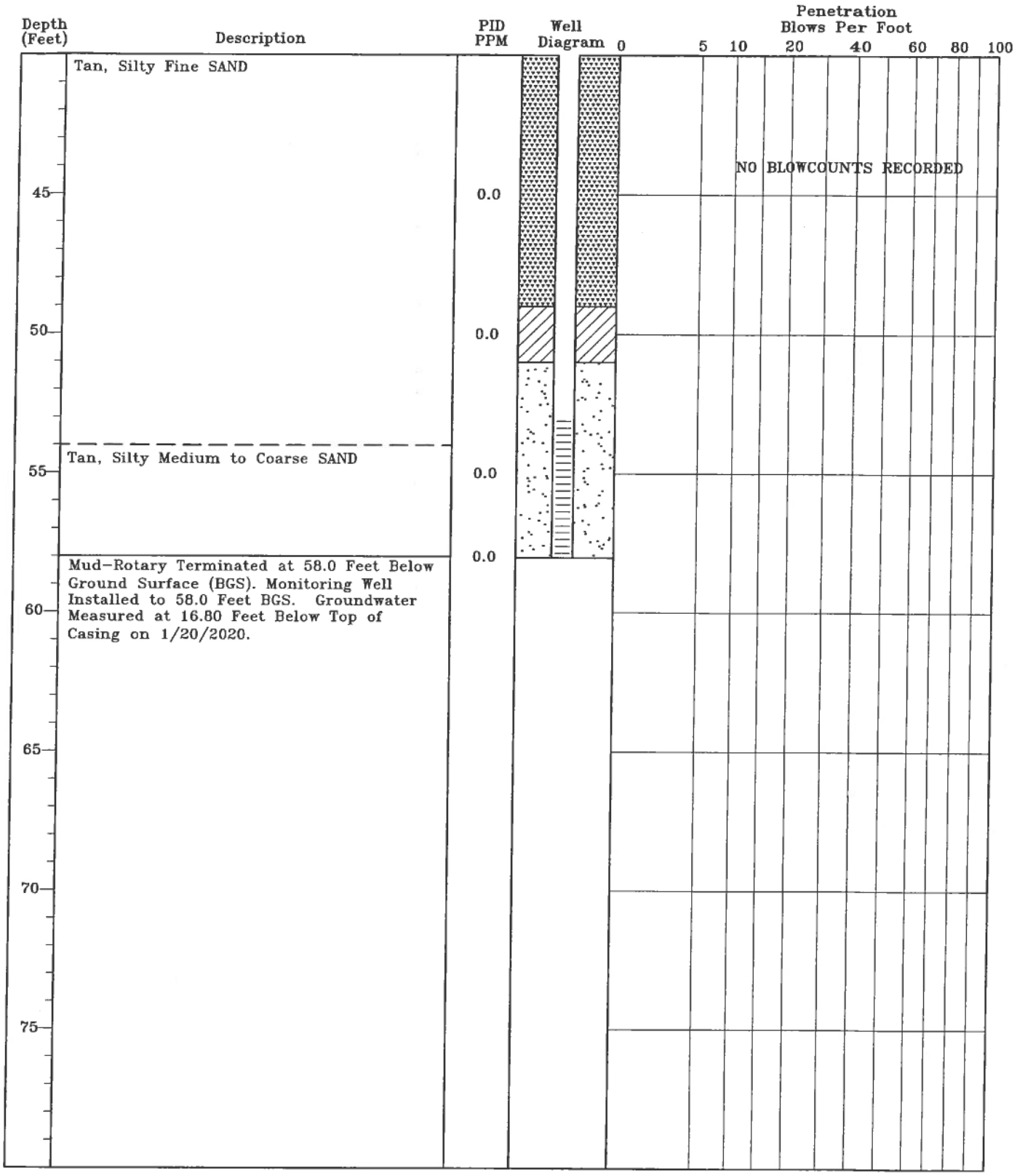
Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW13D
Date Drilled:	1/15/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



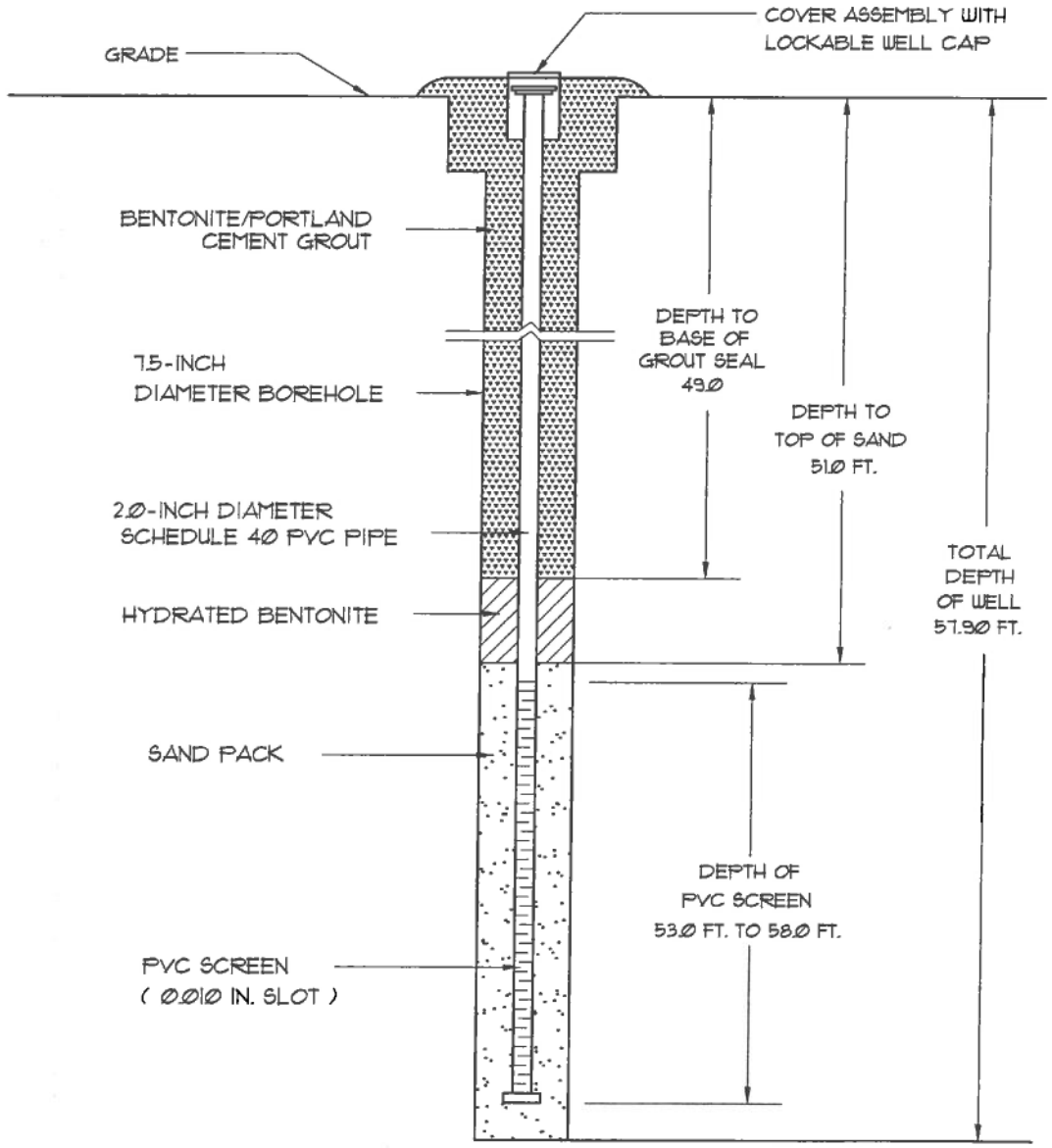
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW13D
Date Drilled:	1/15/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

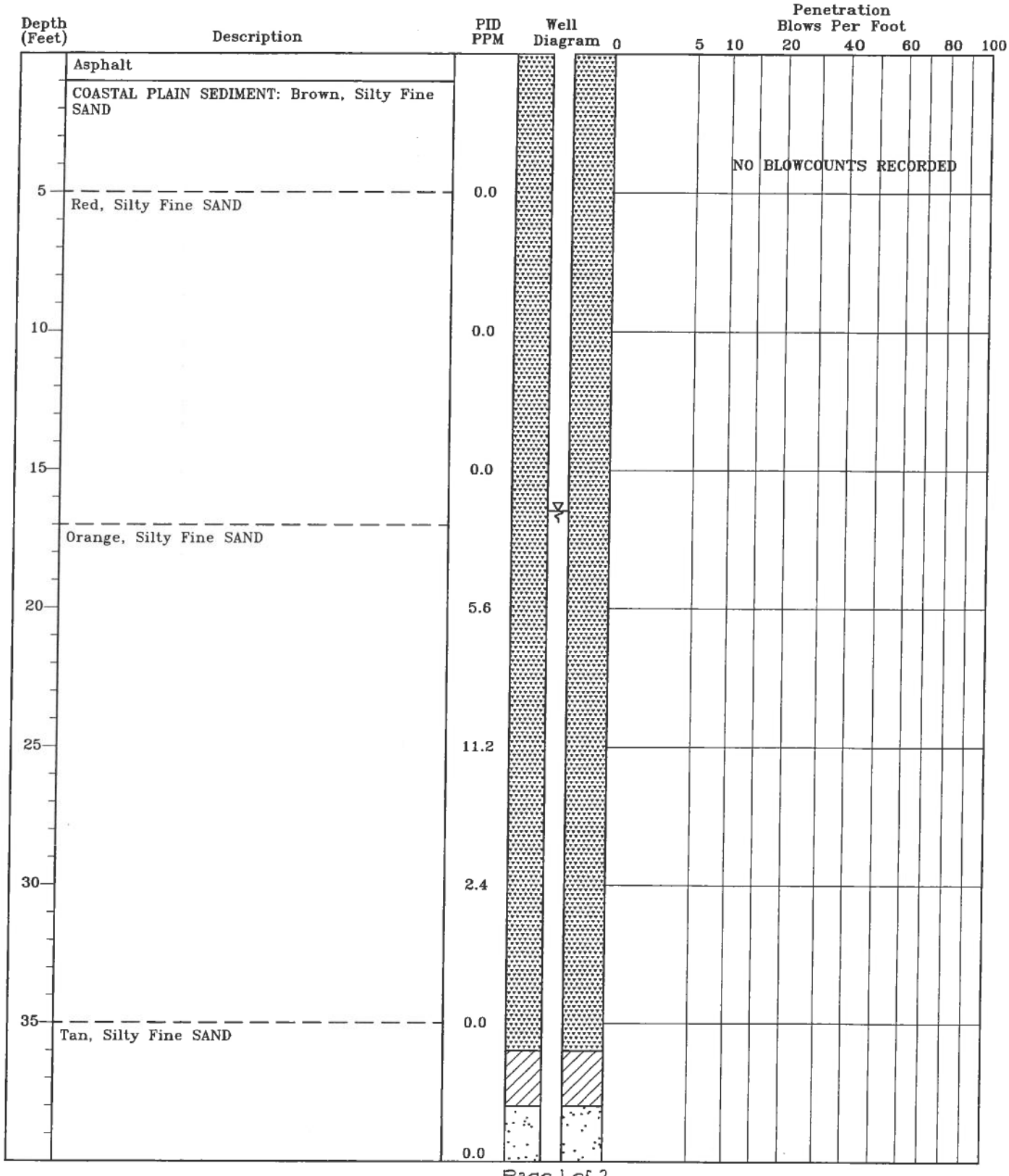
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW13D
Date Drilled:	1/15/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

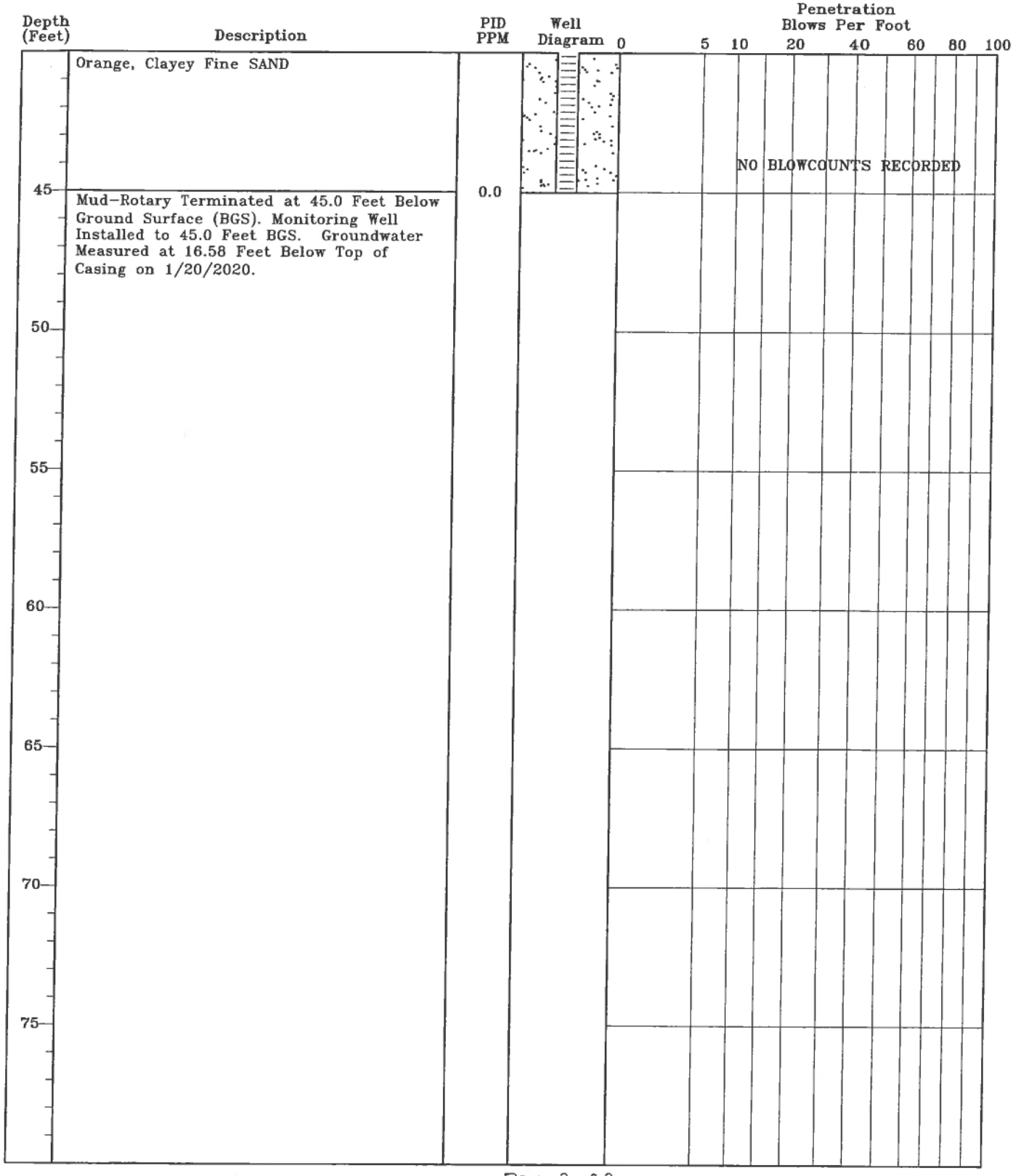
Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW13i
Date Drilled:	1/9/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 Fax: 808-2048



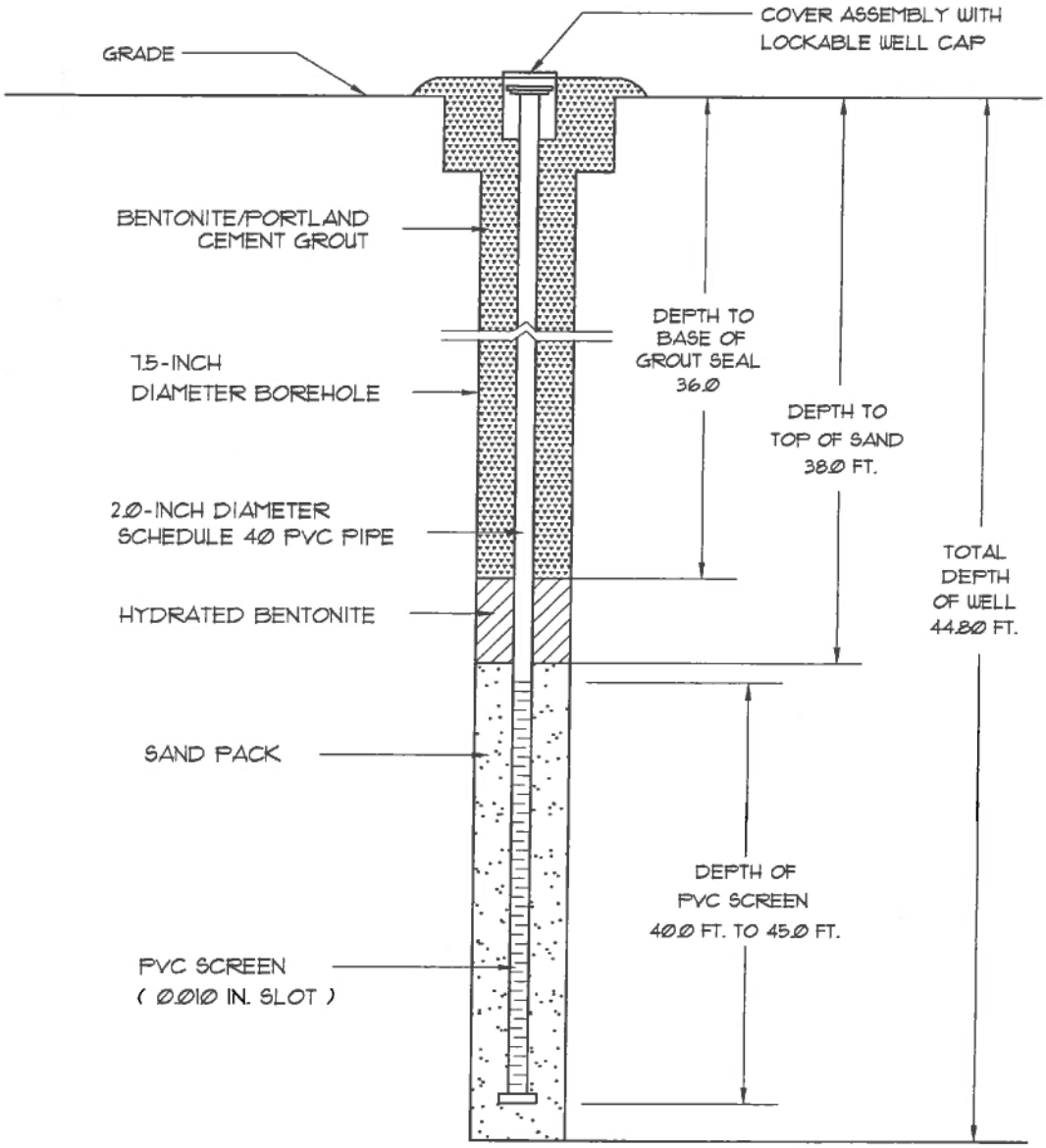
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW13i
Date Drilled:	1/9/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

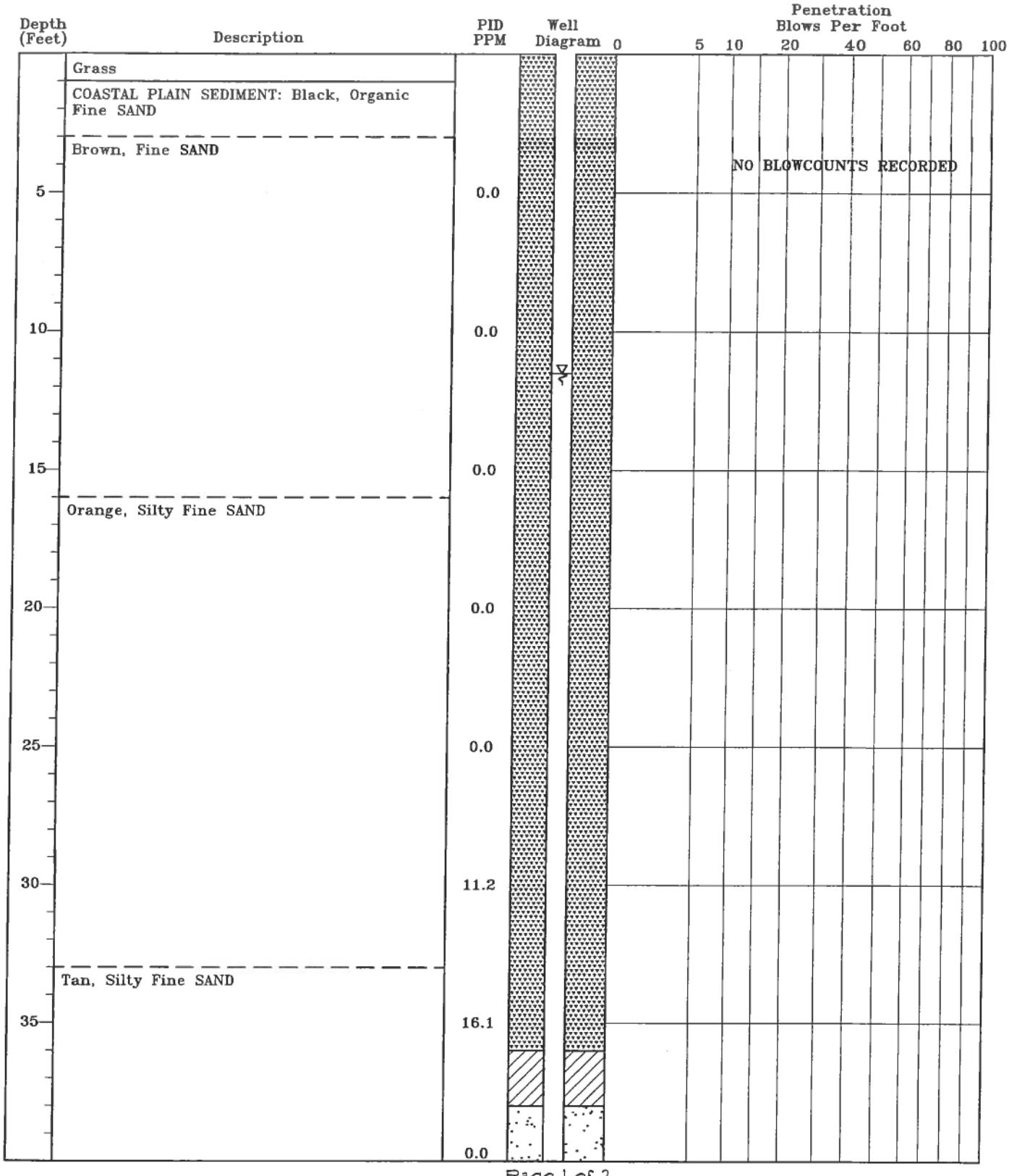
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW131
Date Drilled:	1/9/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

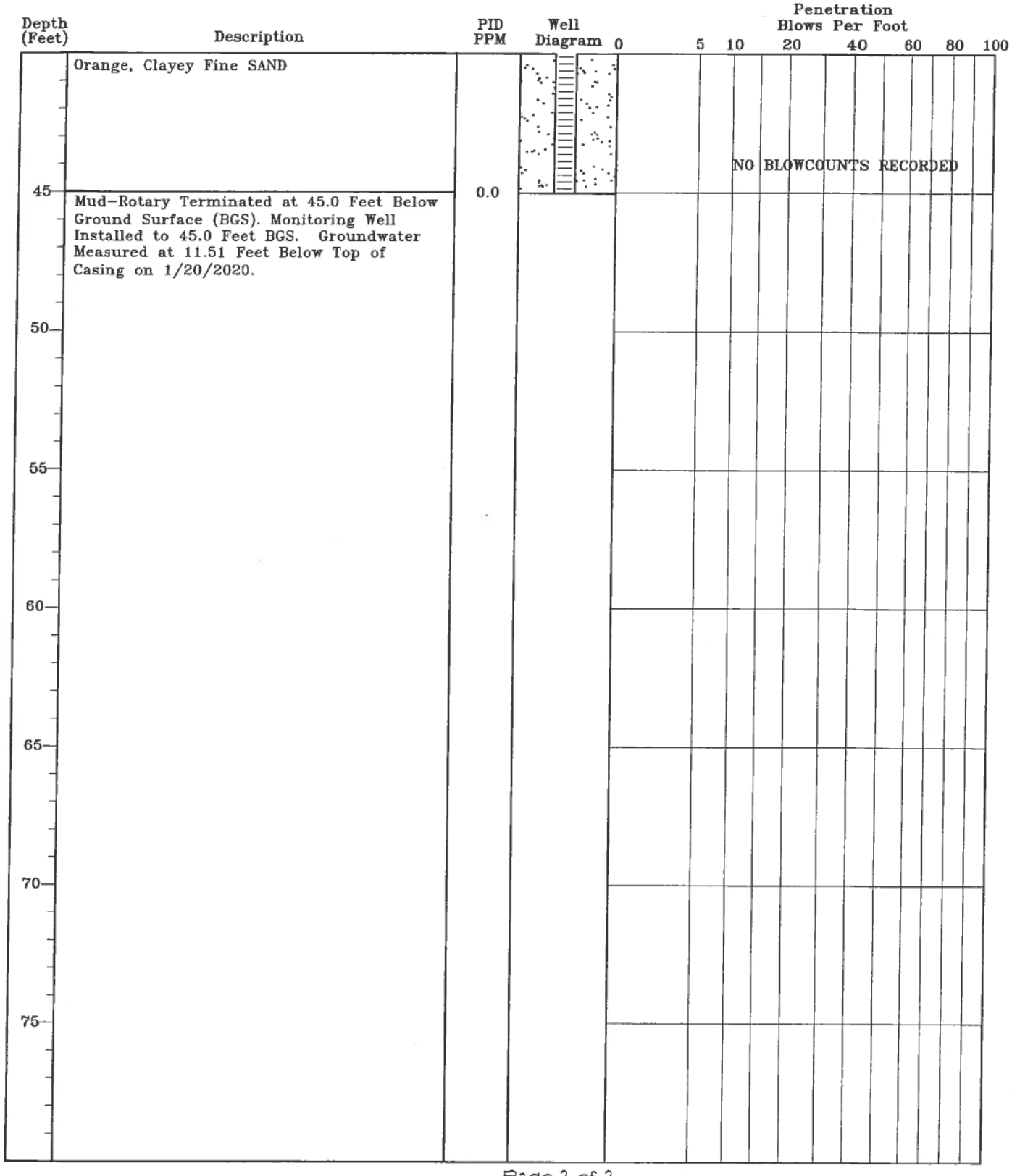
Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW16i
Date Drilled:	1/10/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



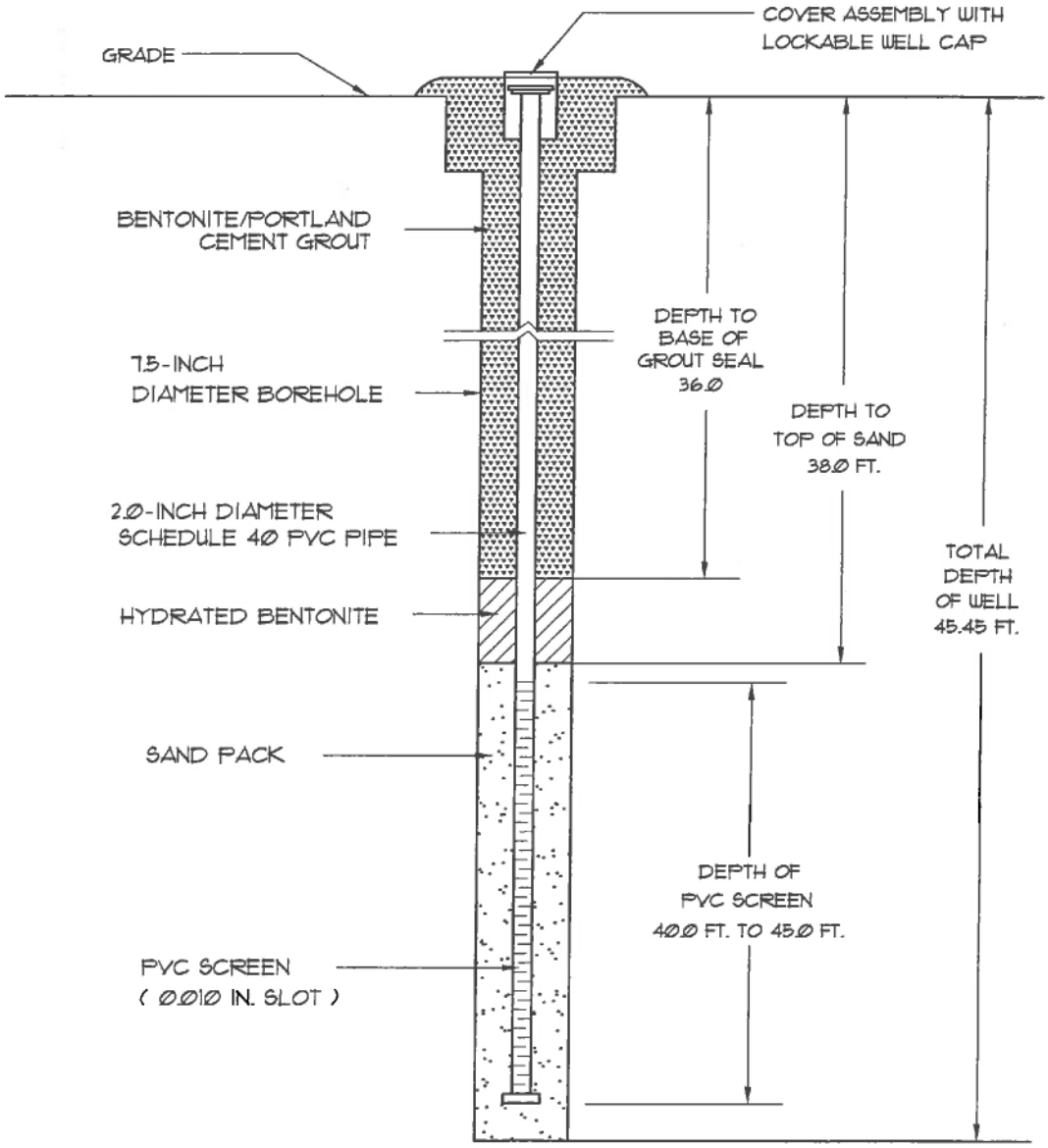
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW16i
Date Drilled:	1/10/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

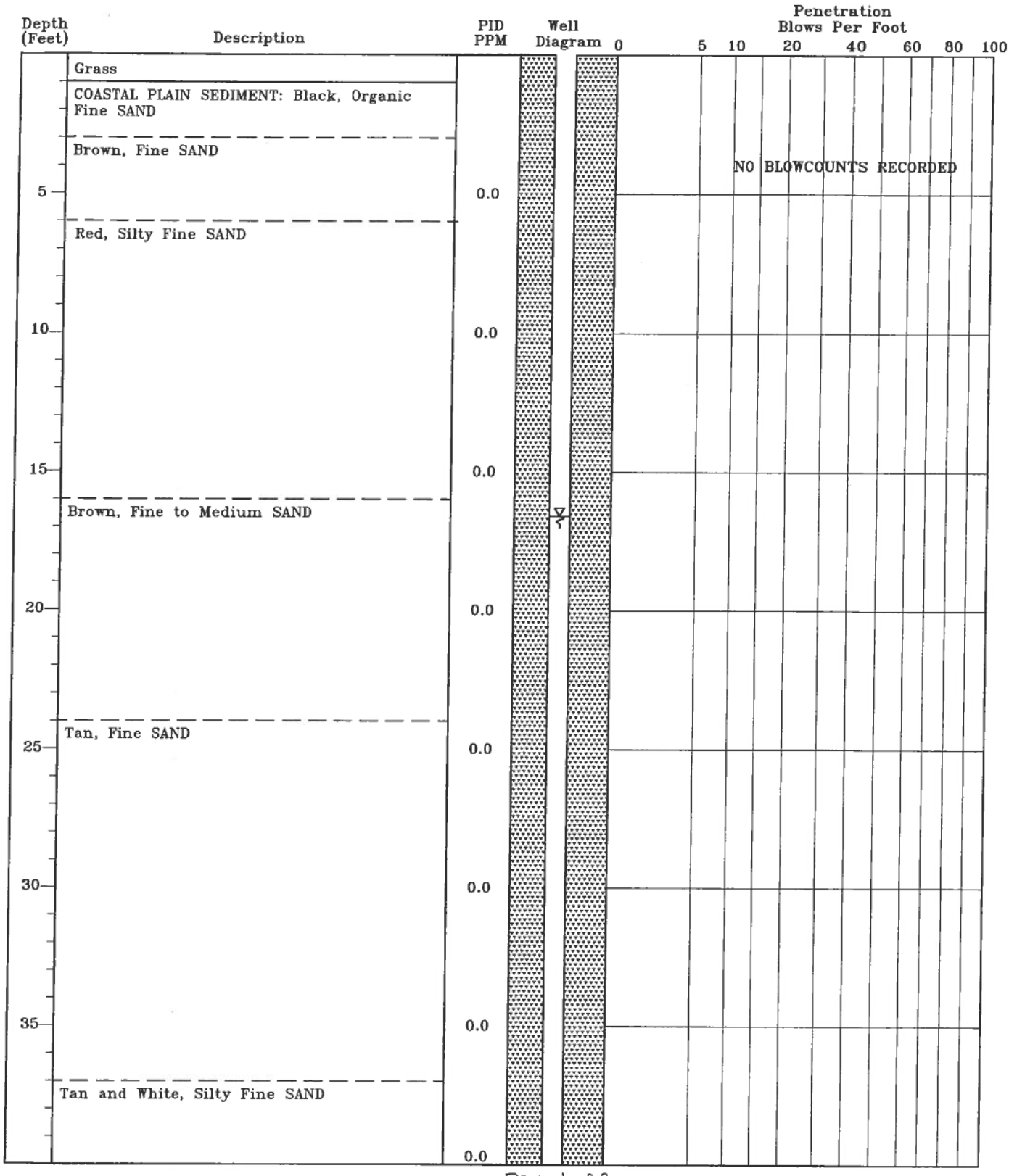
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW161
Date Drilled:	1/10/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

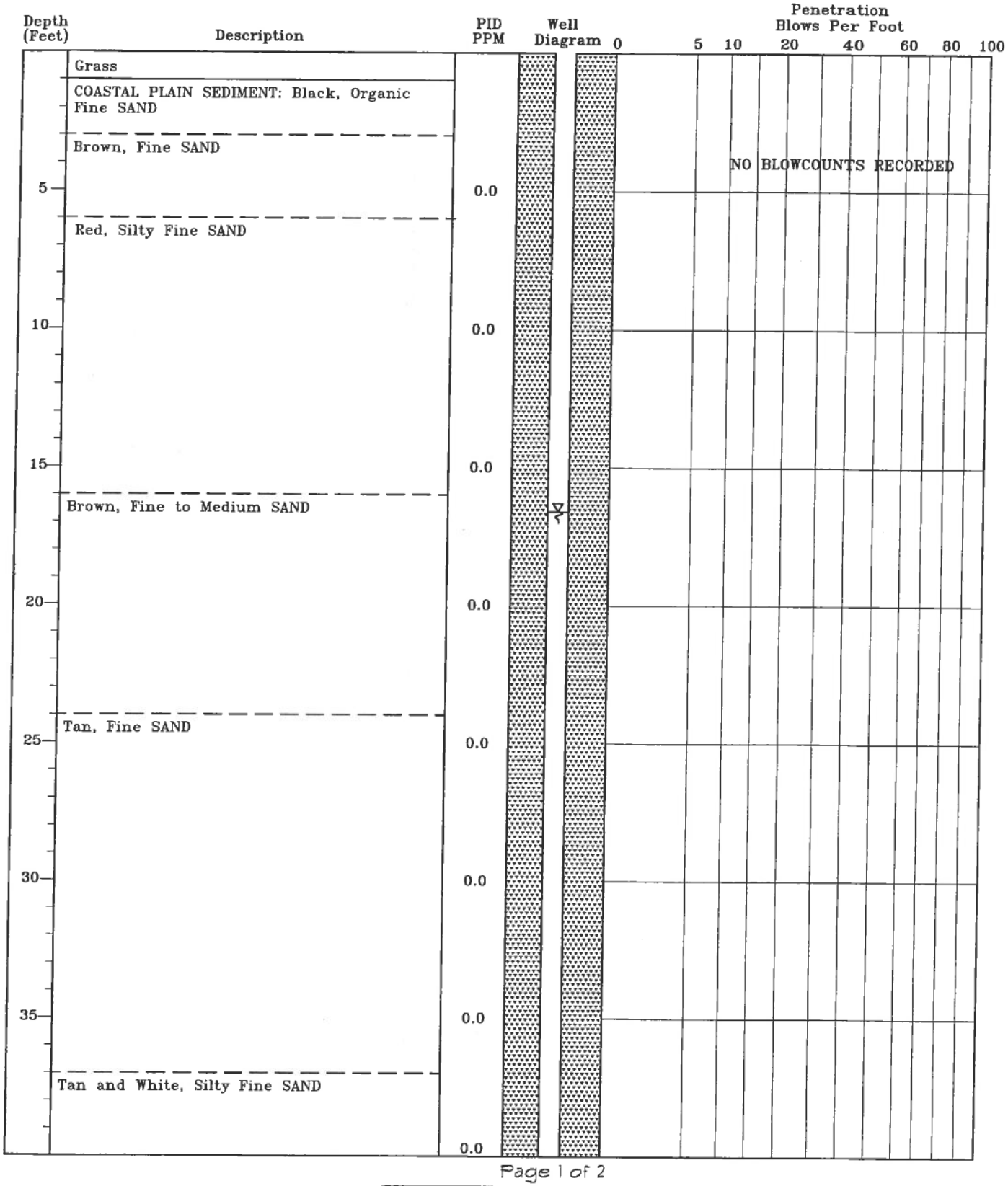
Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW16D
Date Drilled:	1/16/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

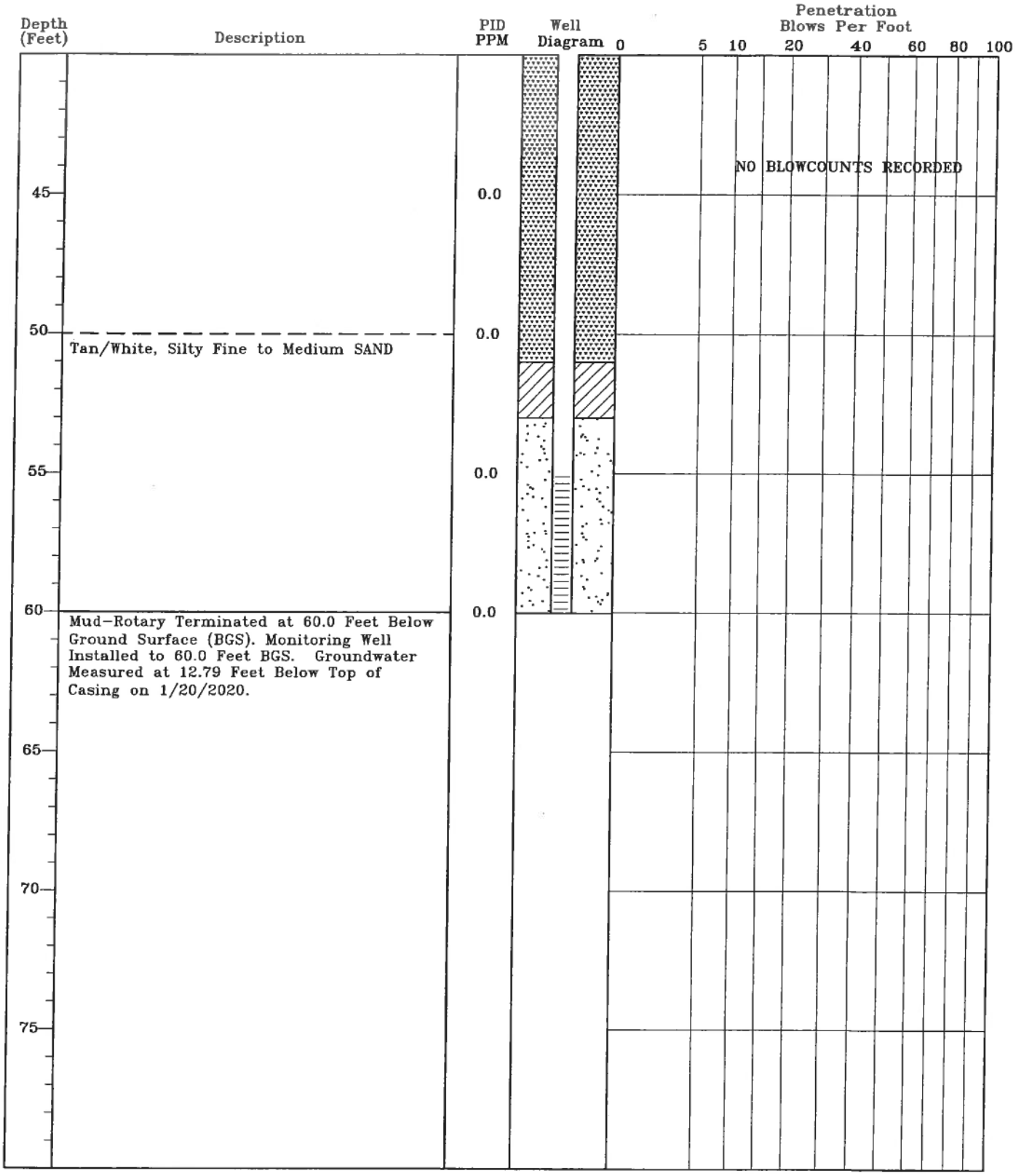
Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW16D
Date Drilled:	1/16/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



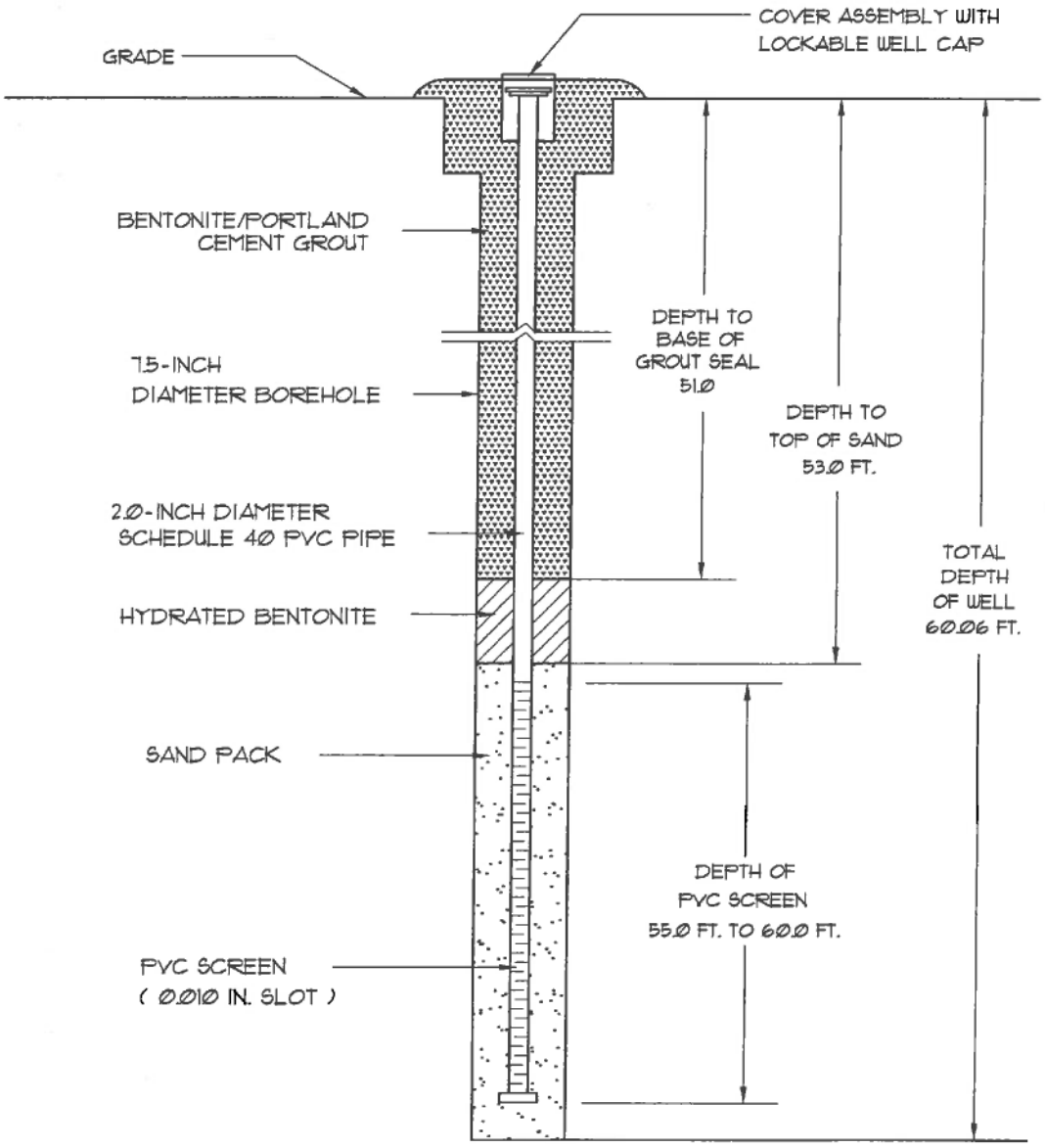
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW16D
Date Drilled:	1/16/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

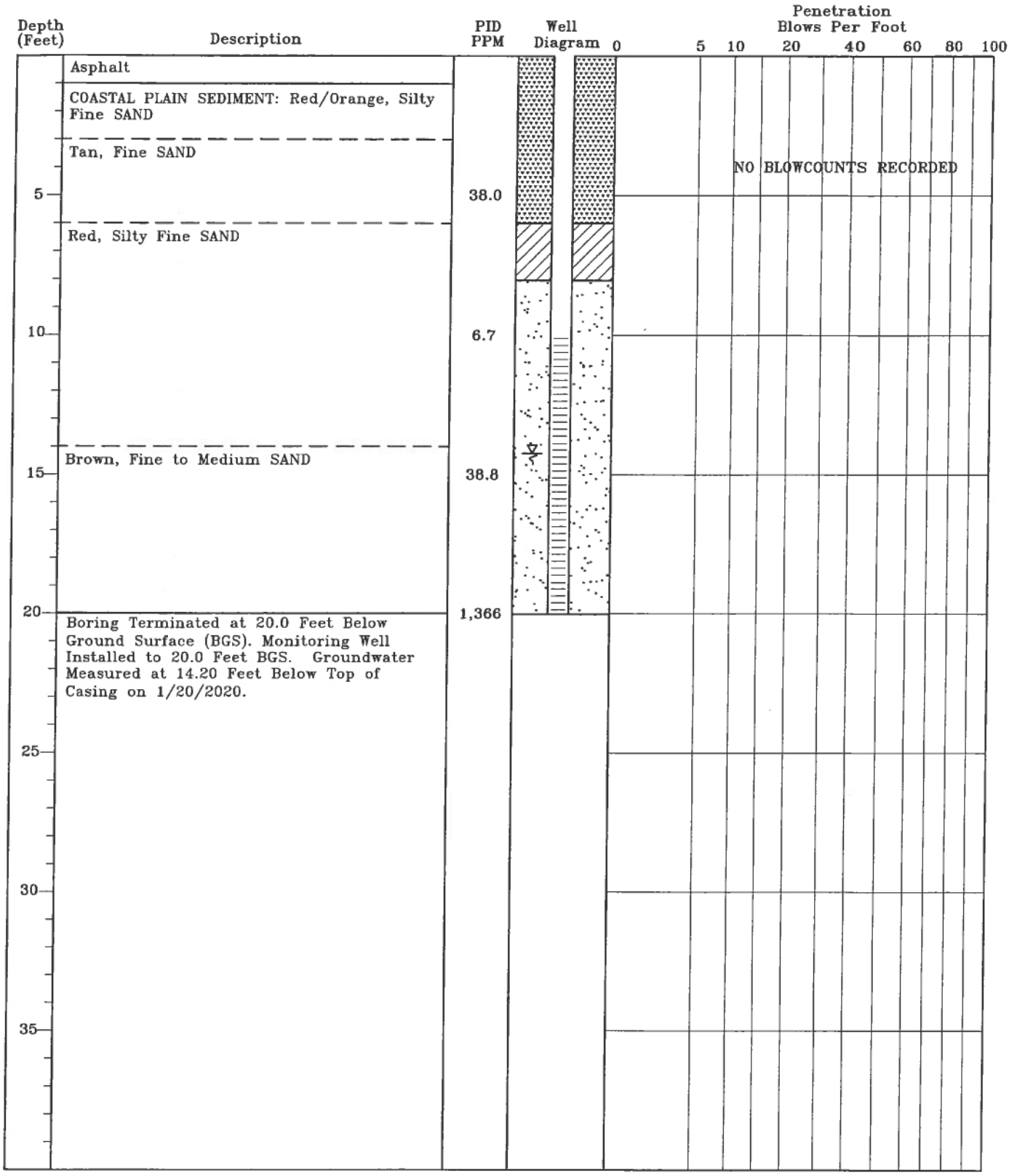
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW16D
Date Drilled:	1/16/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



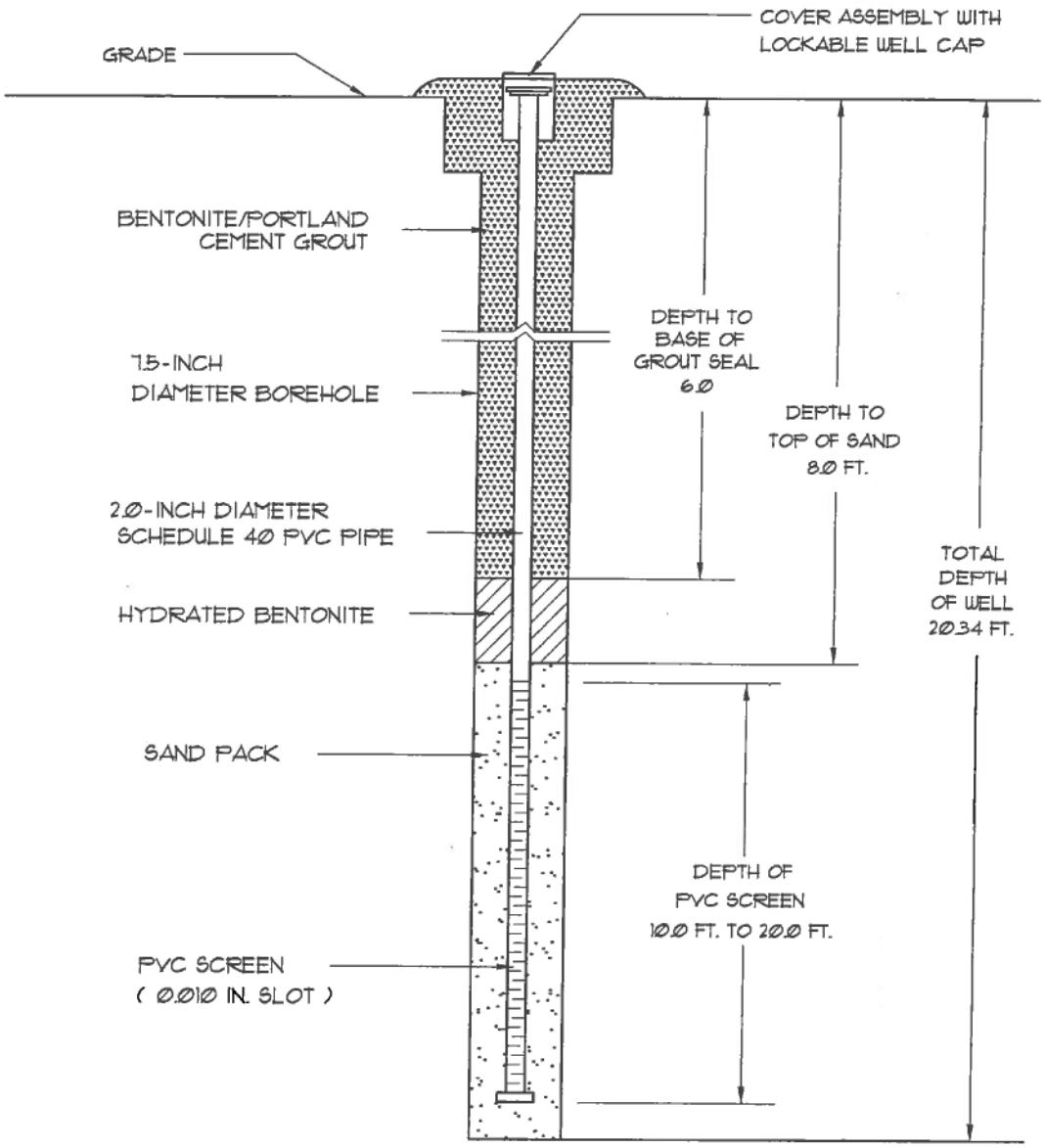
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW29
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

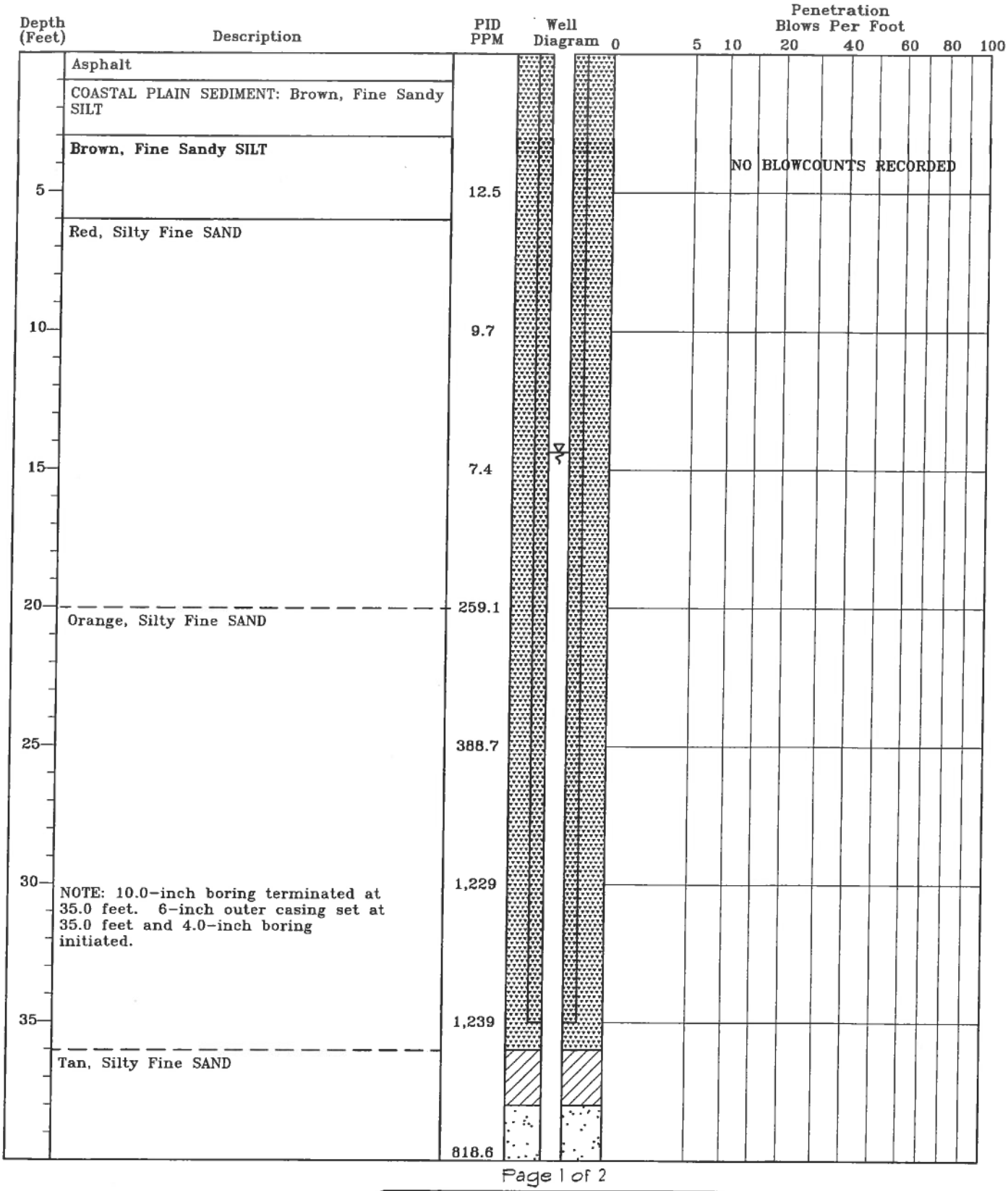
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW29
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

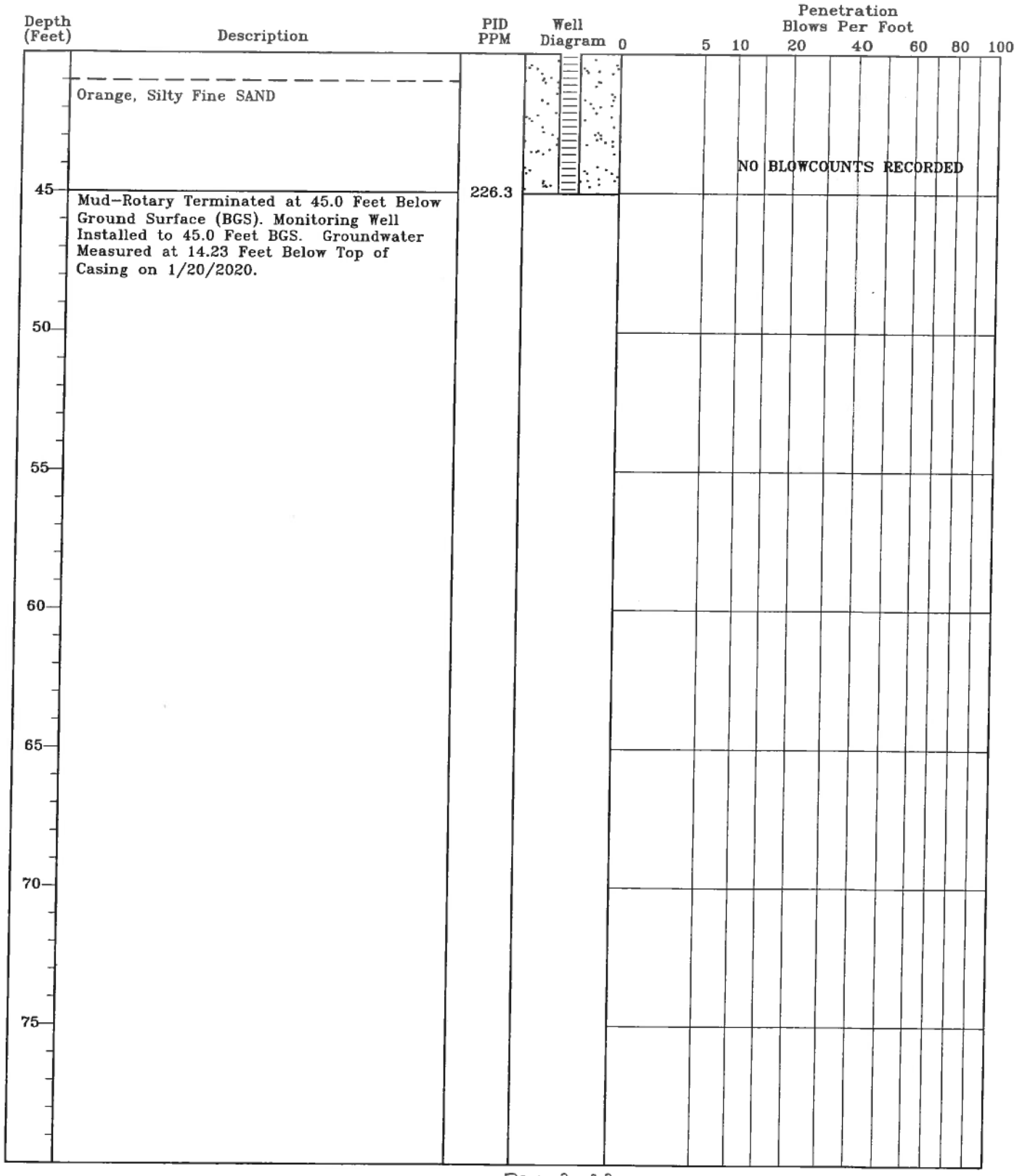
Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW291
Date Drilled:	1/9/2020-1/10/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



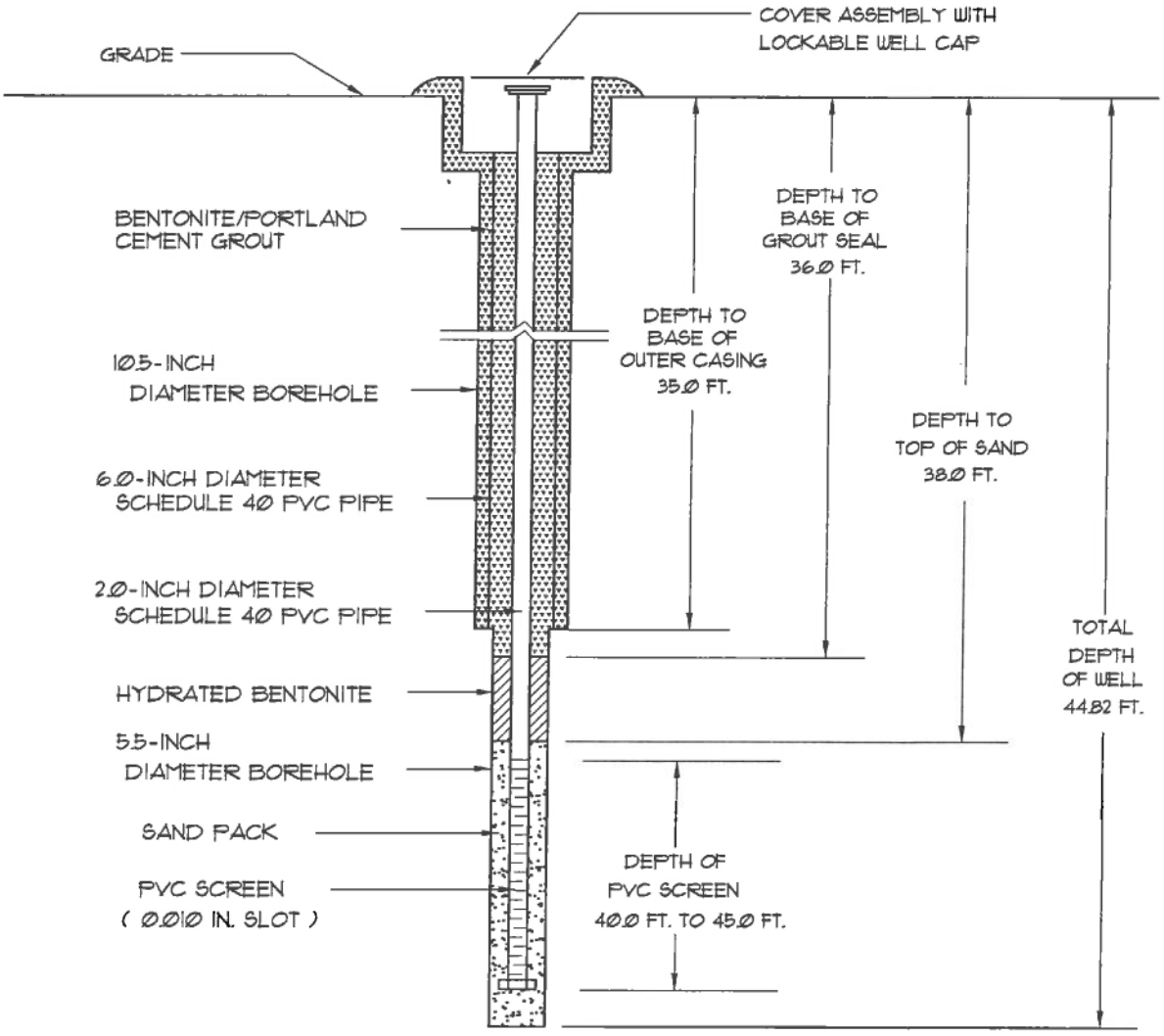
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW29i
Date Drilled:	1/9/2020-1/10/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

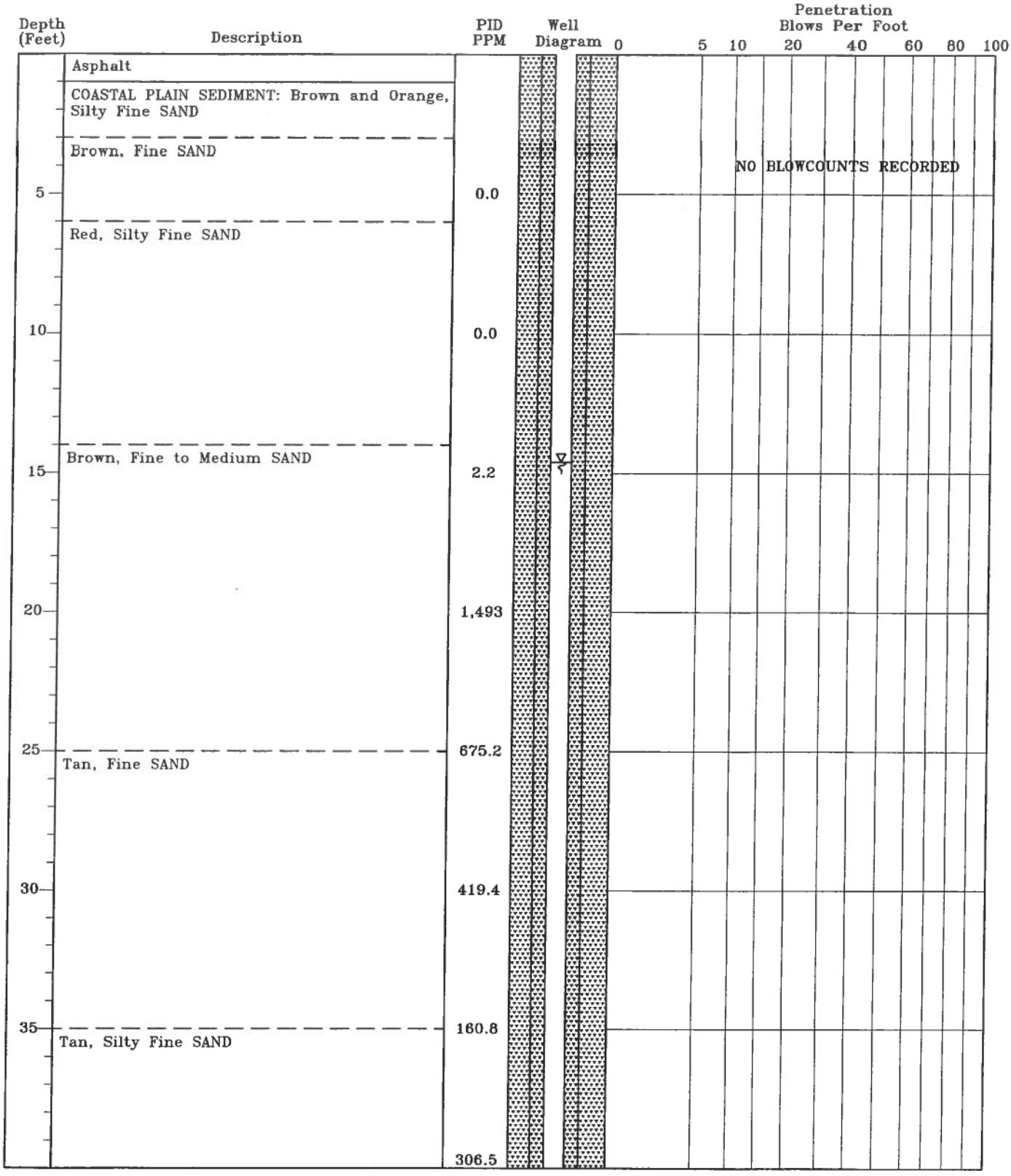
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW291
Date Drilled:	1/9/2020-1/10/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D. #: B02200
Logged By:	K. Jacobs

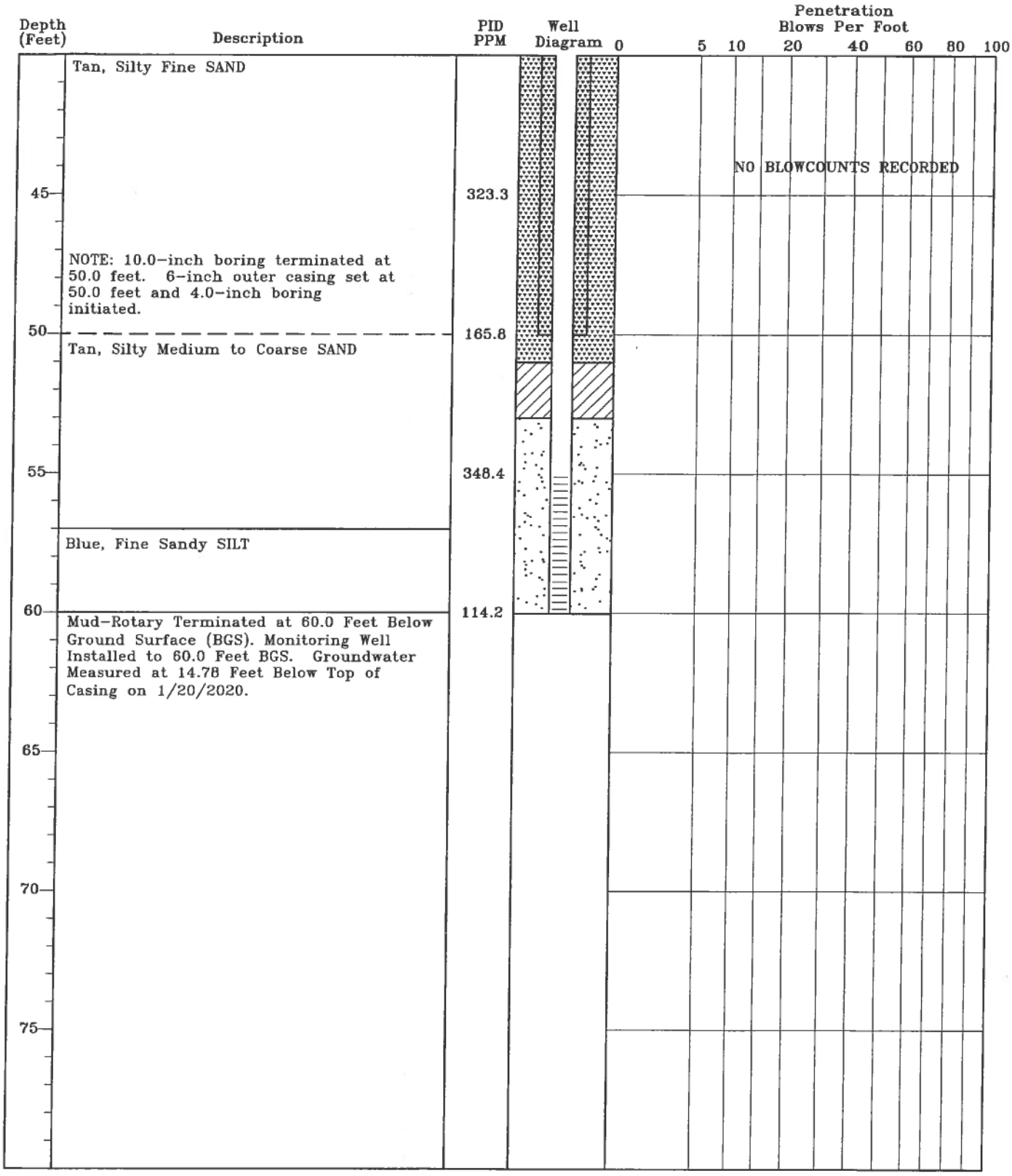
Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW29D
Date Drilled:	1/15/2020-1/16/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



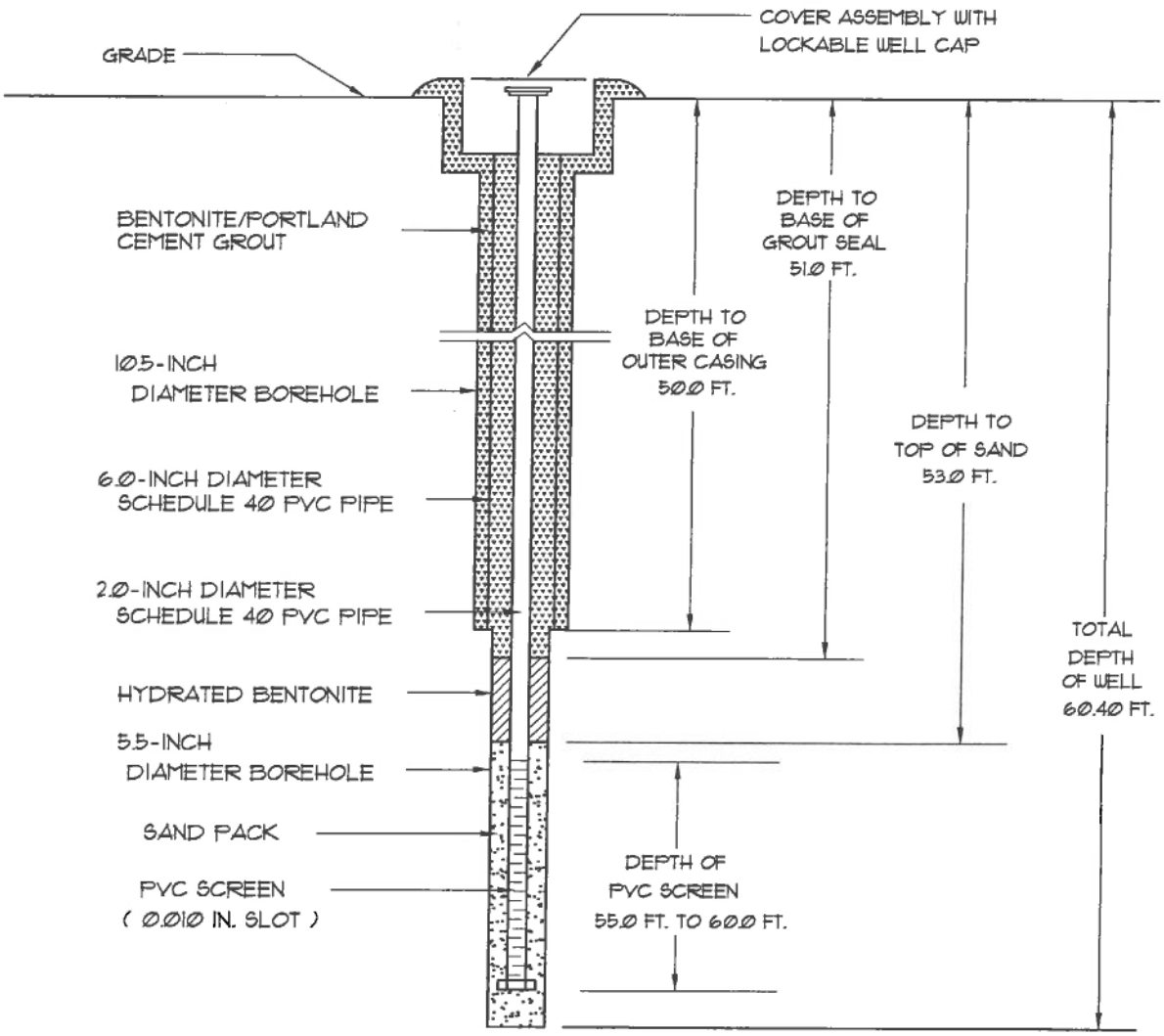
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW29D
Date Drilled:	1/15/2020-1/16/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

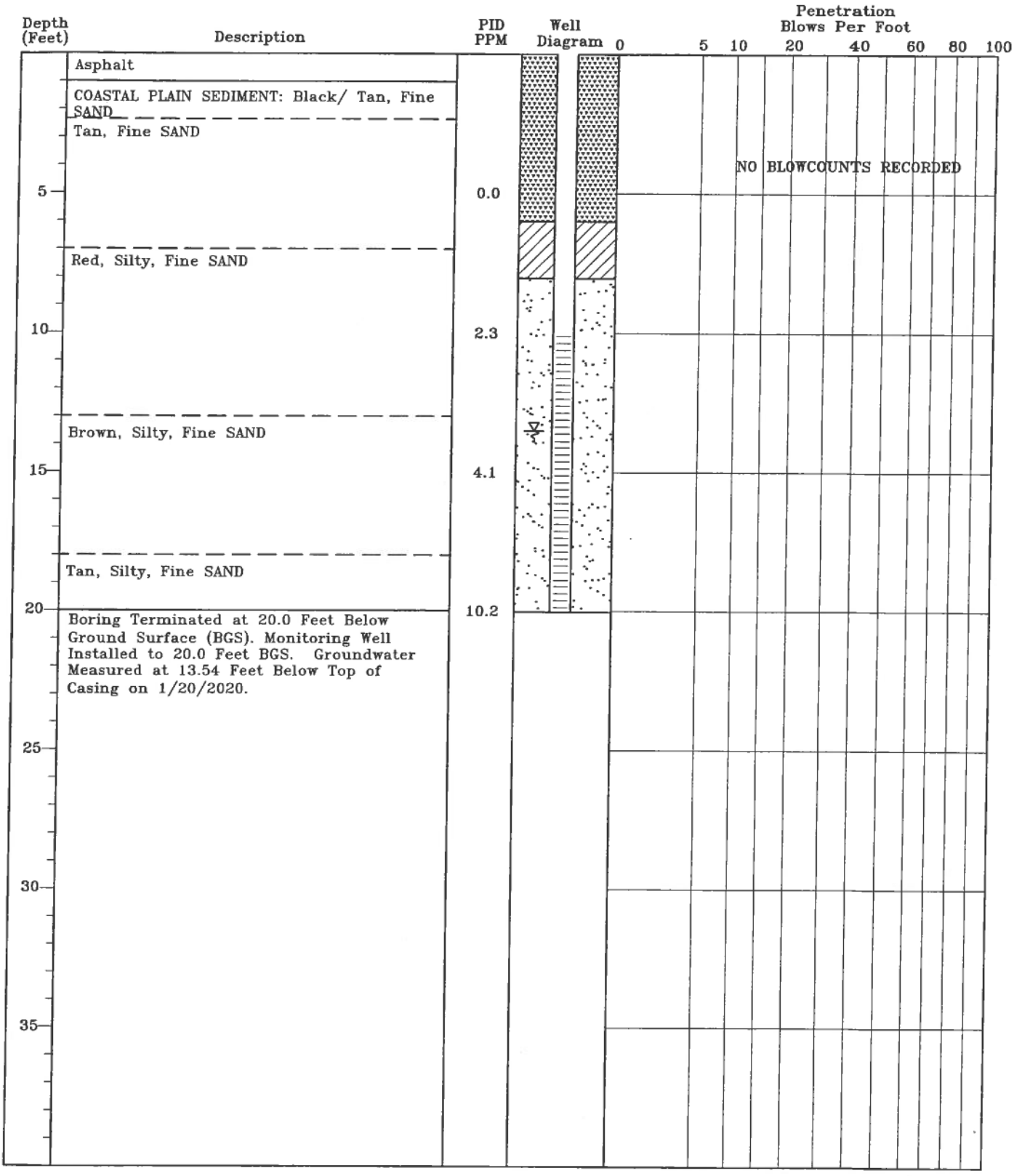
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW29D
Date Drilled:	1/15/2020-1/16/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D. #: B02200
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



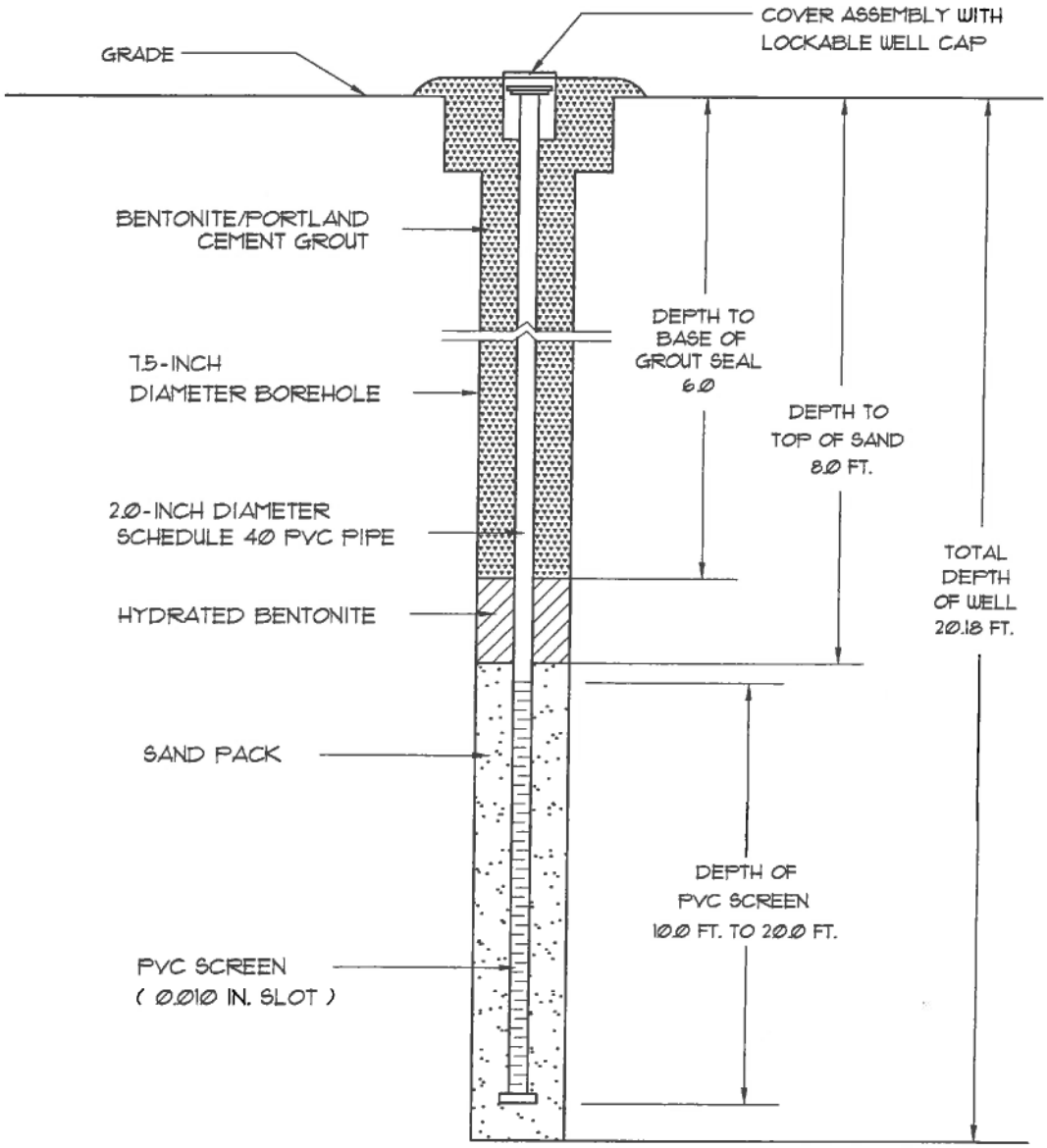
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW30
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

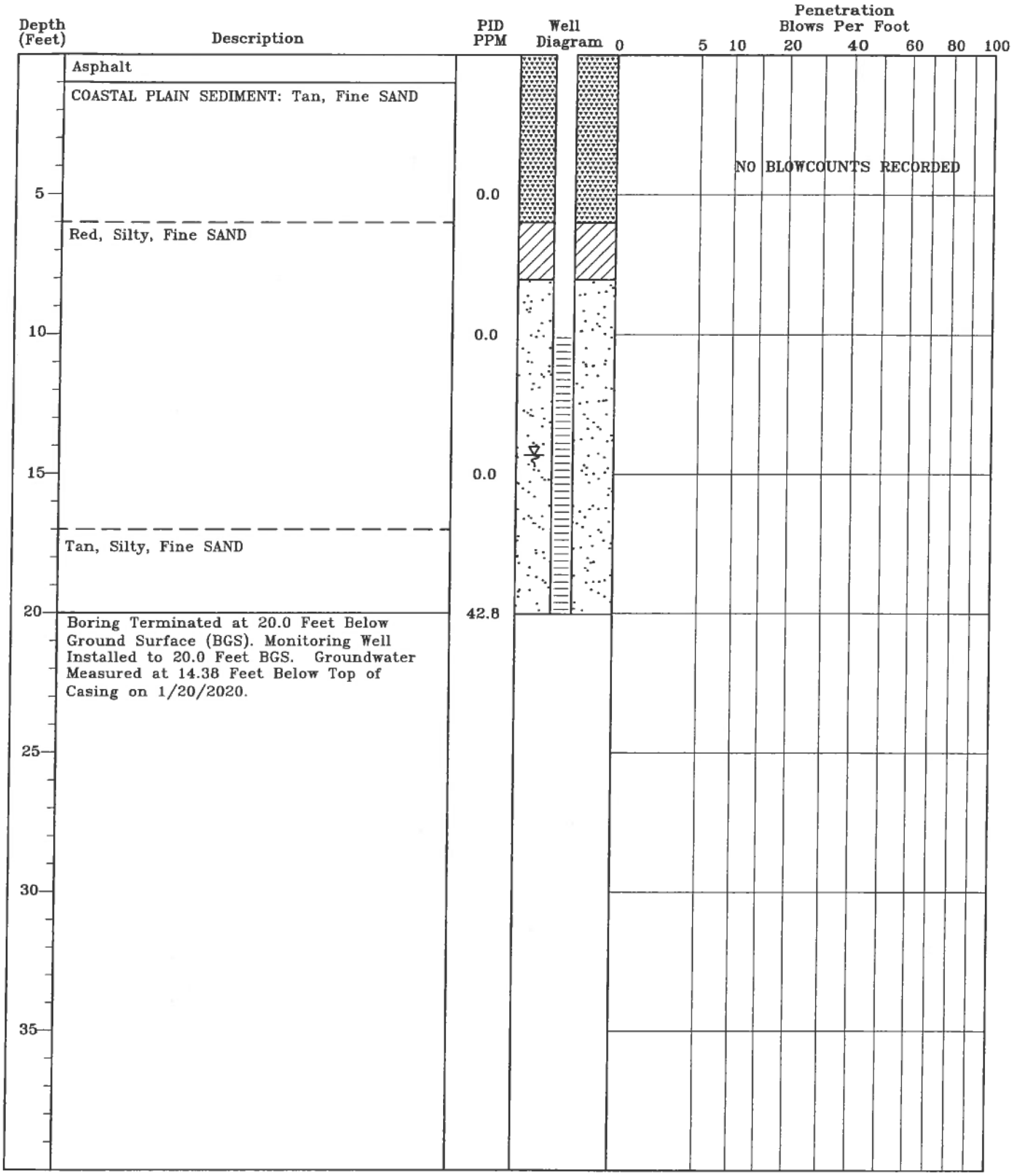
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW30
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



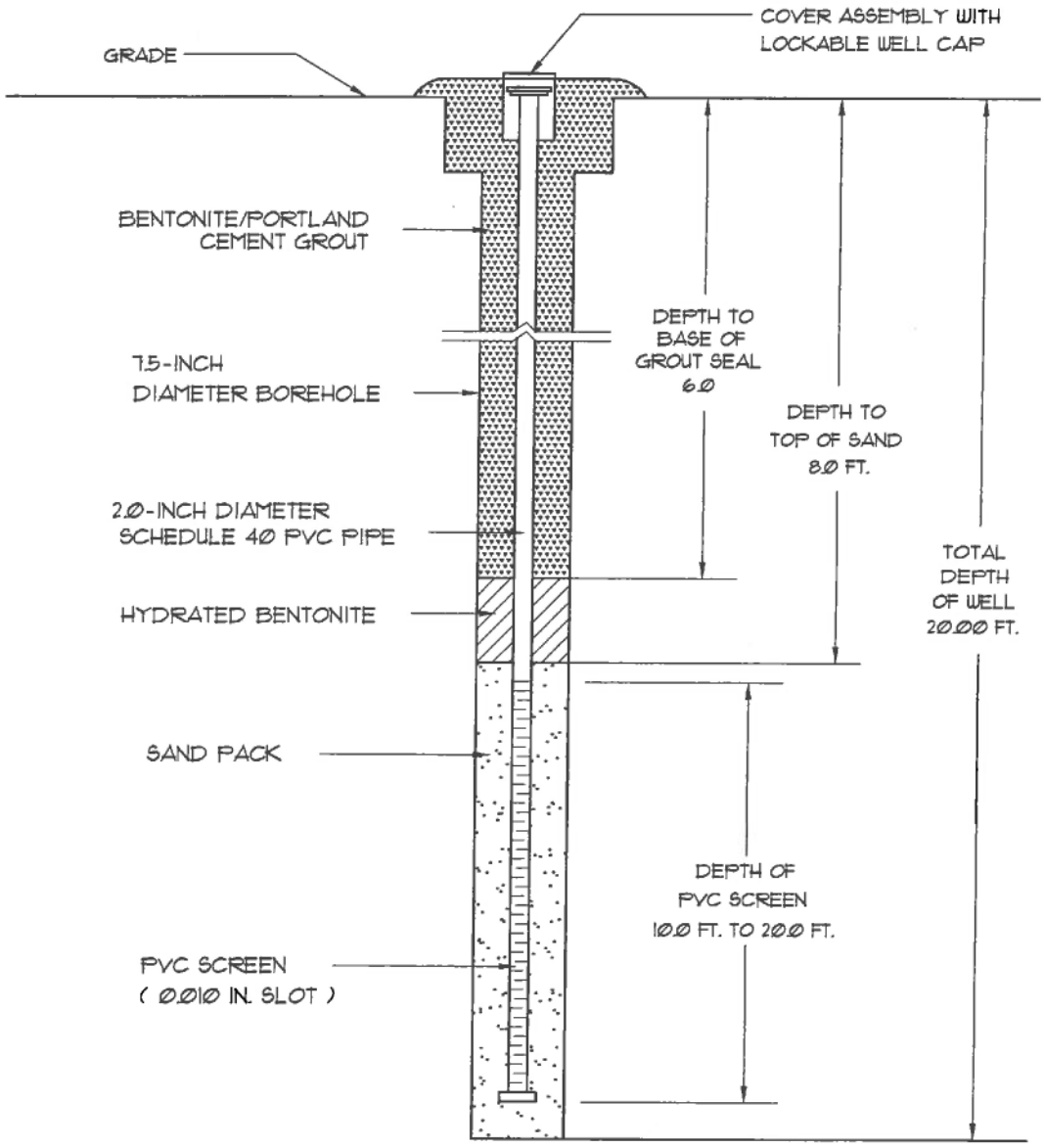
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW31
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

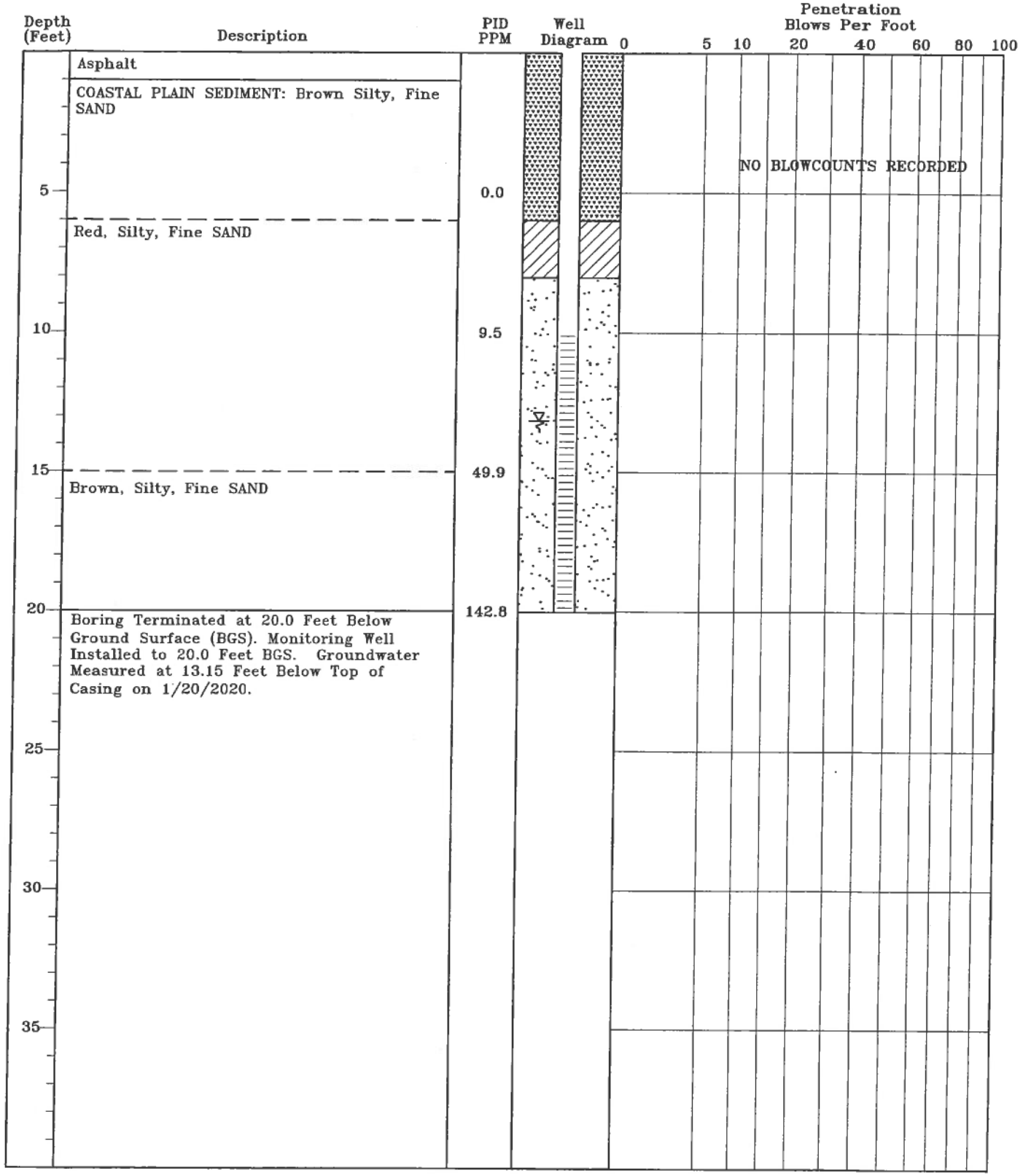
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW31
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



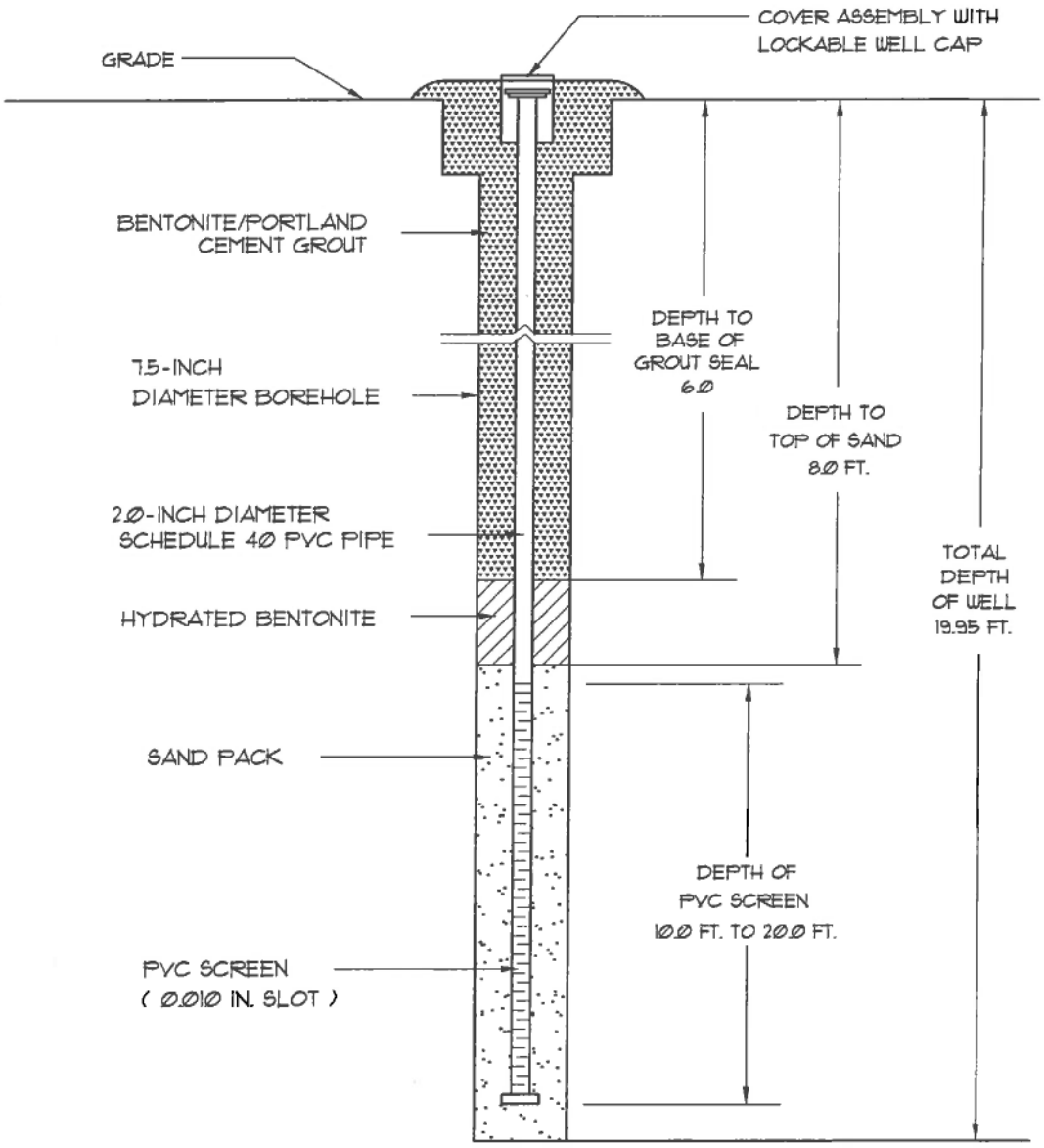
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW32
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

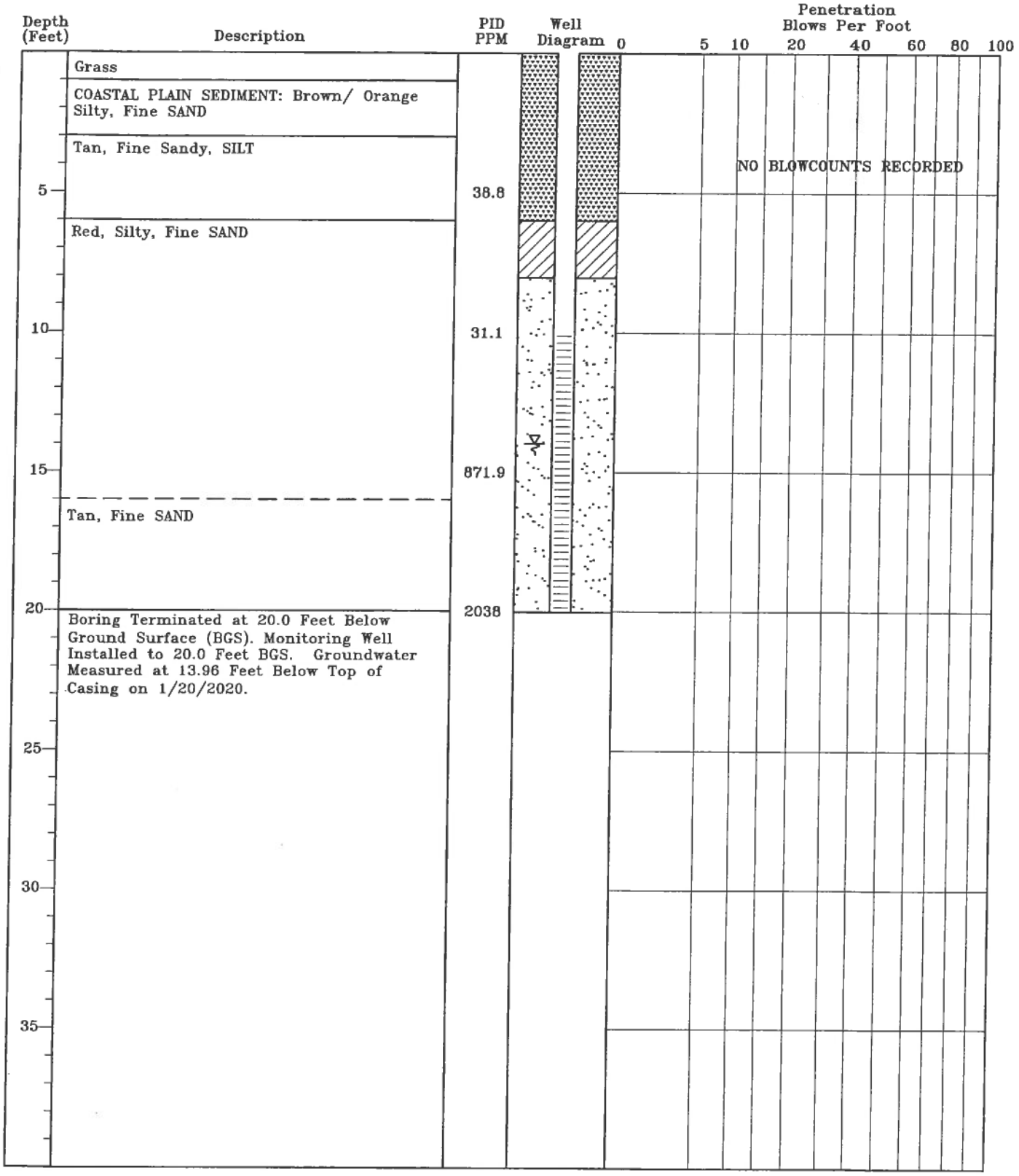
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW32
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



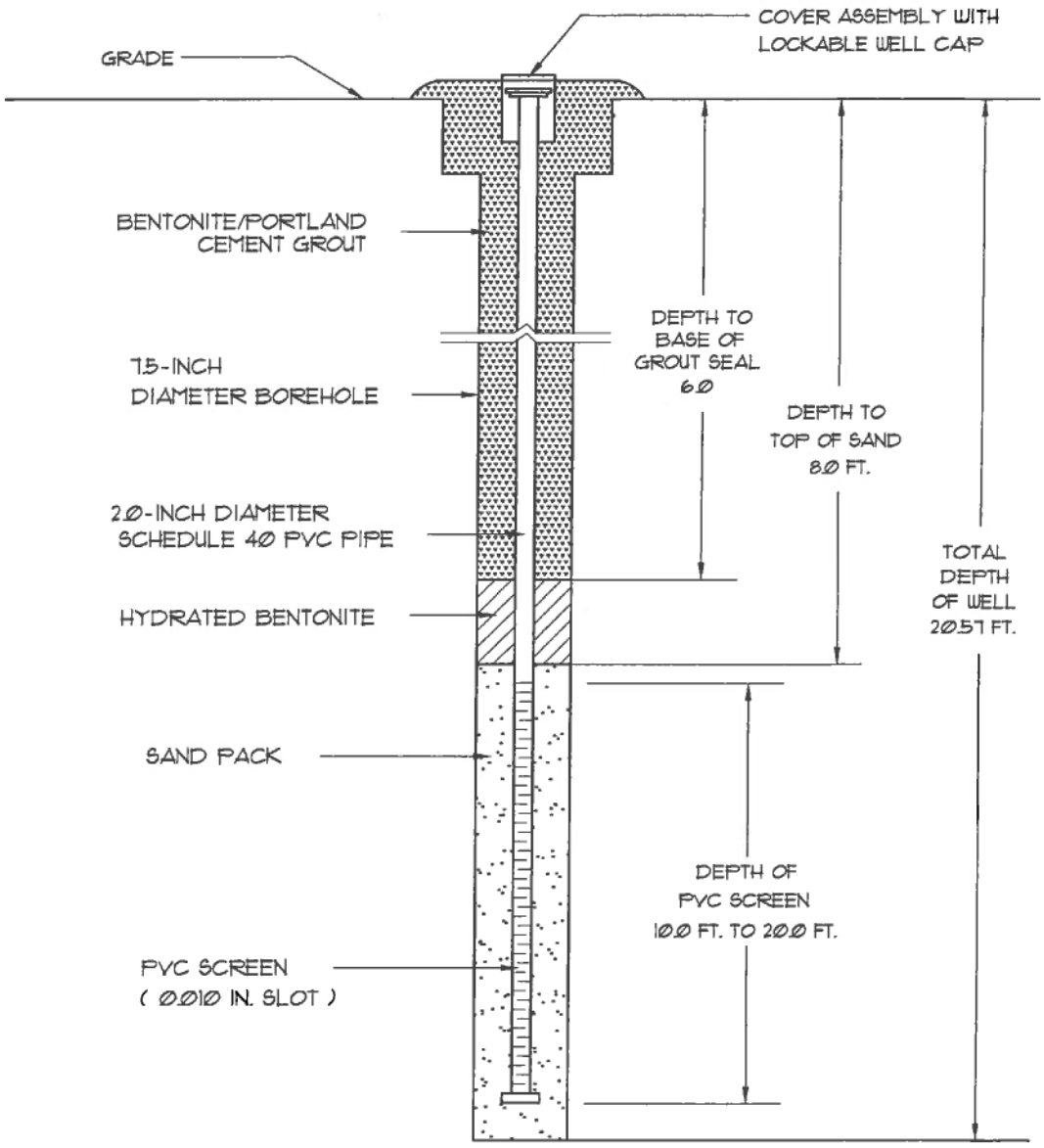
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW33
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

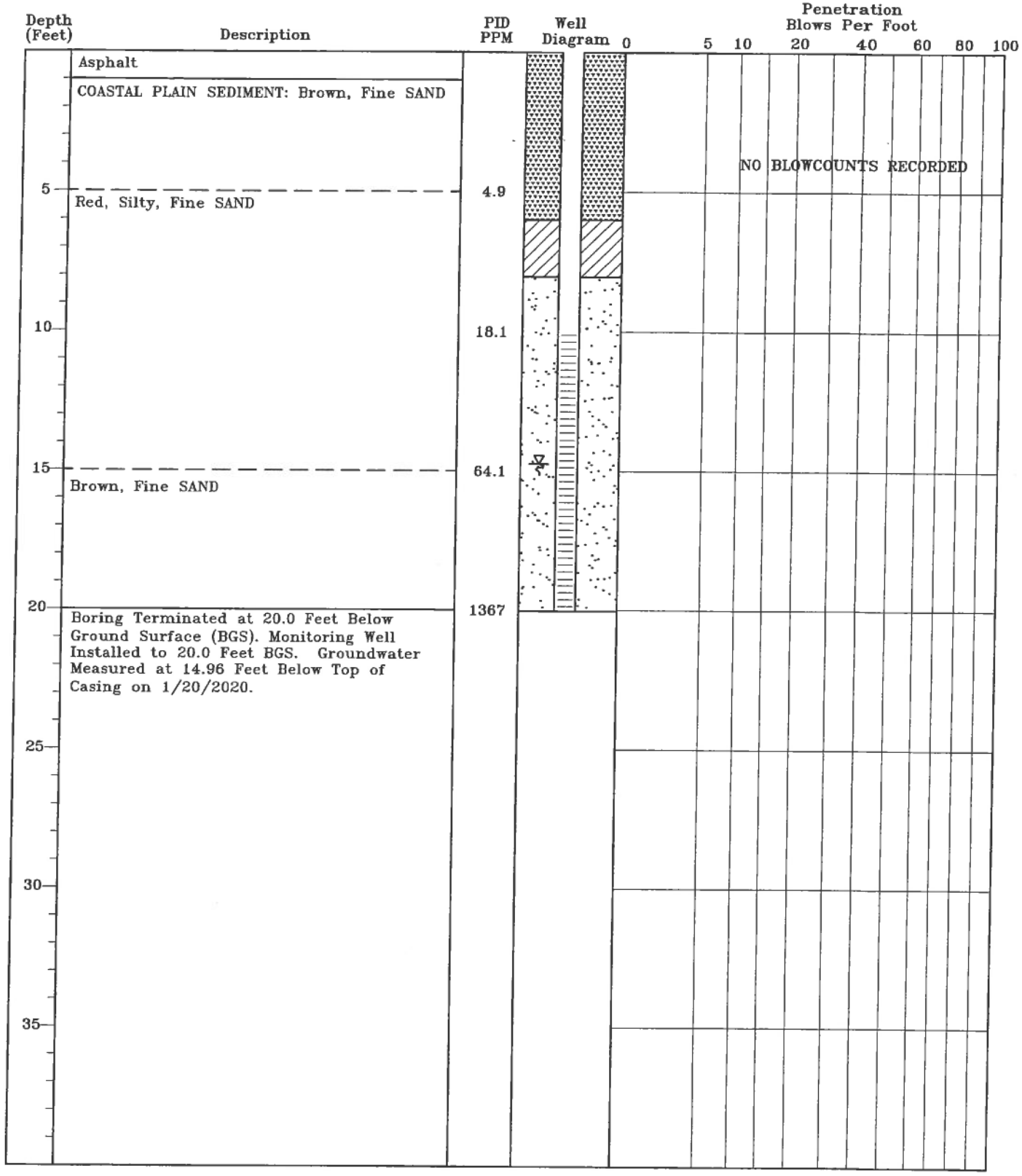
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW33
Date Drilled:	1/8/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



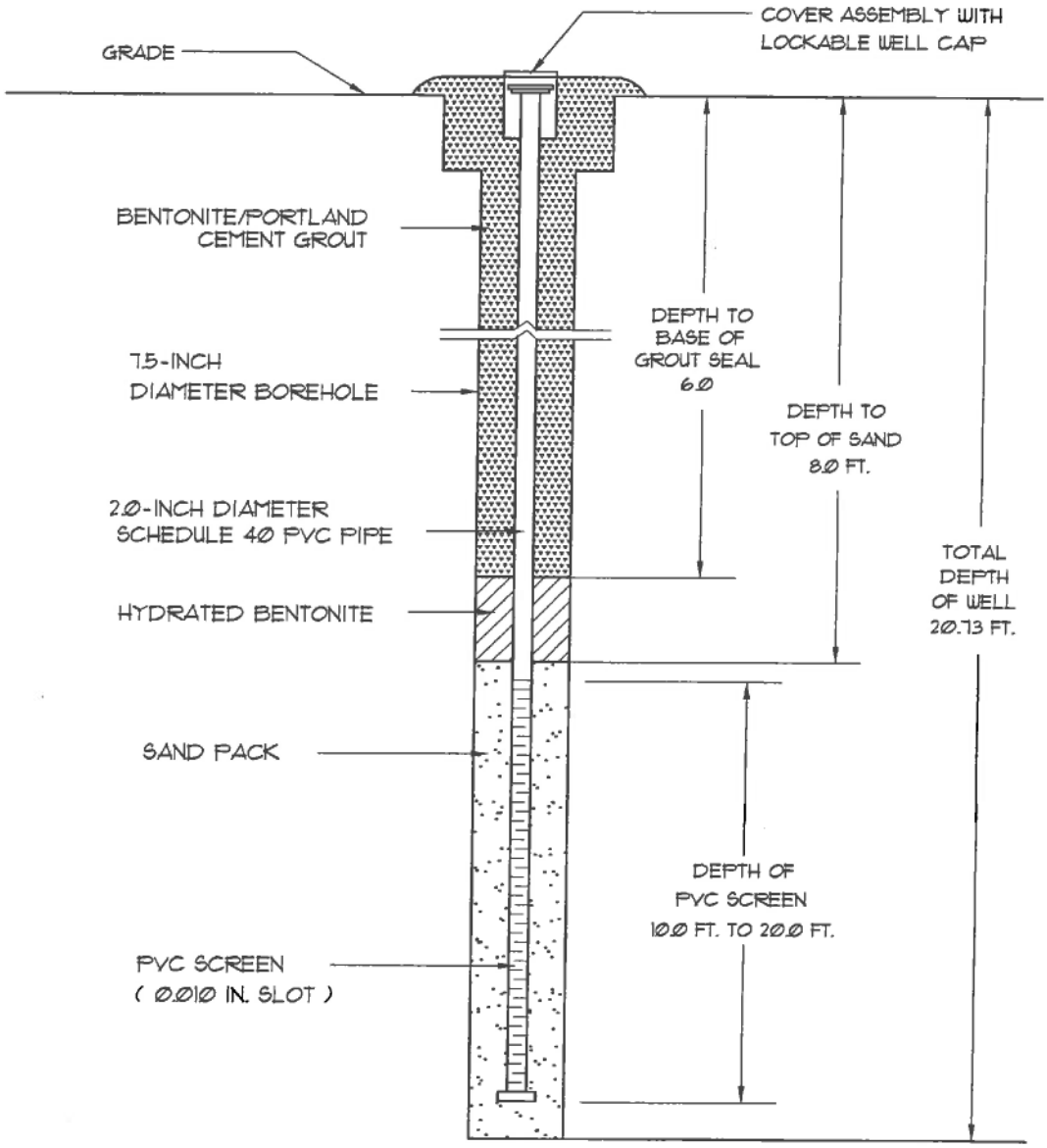
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW34
Date Drilled:	1/9/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

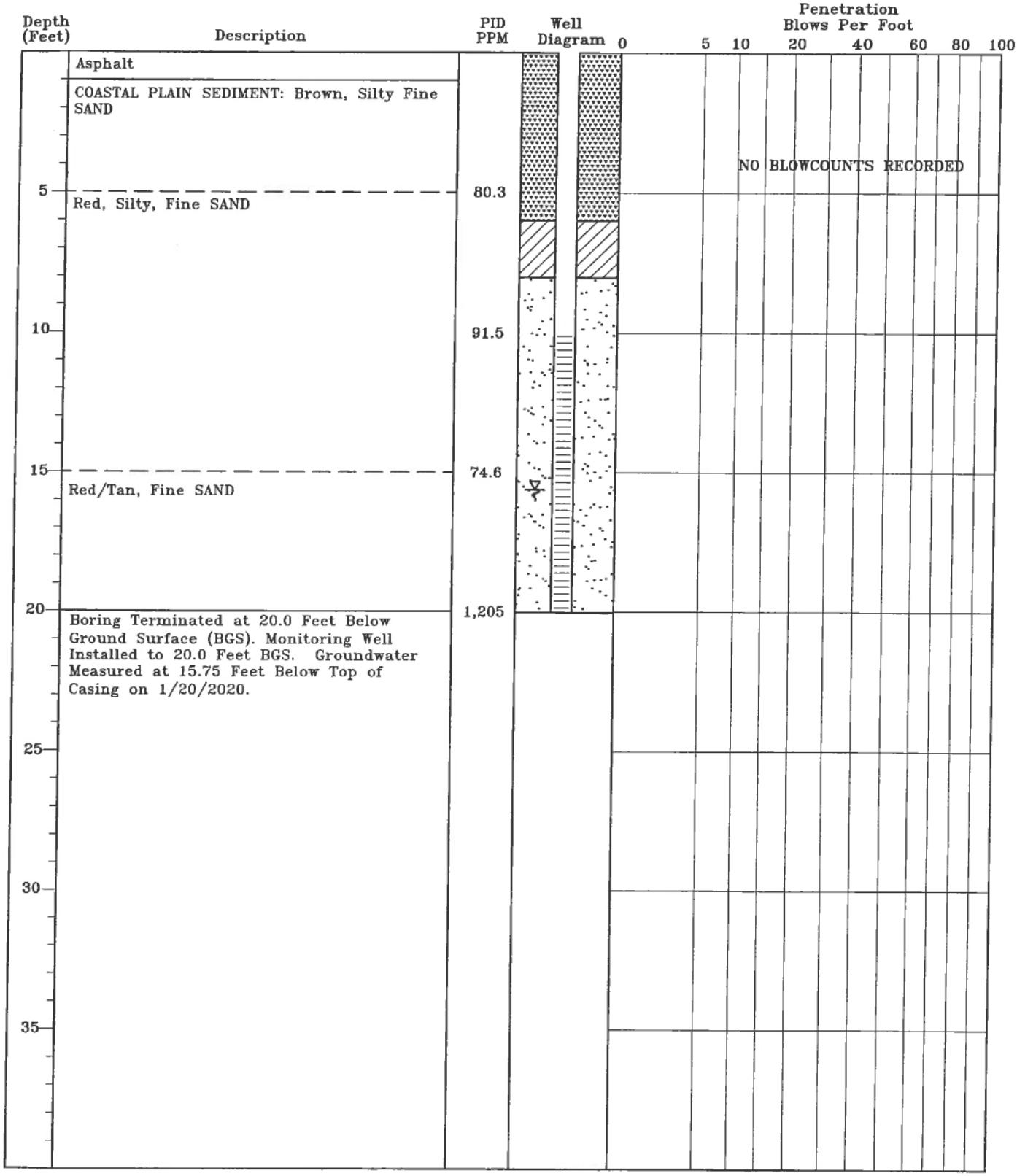
MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW34
Date Drilled:	1/9/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048



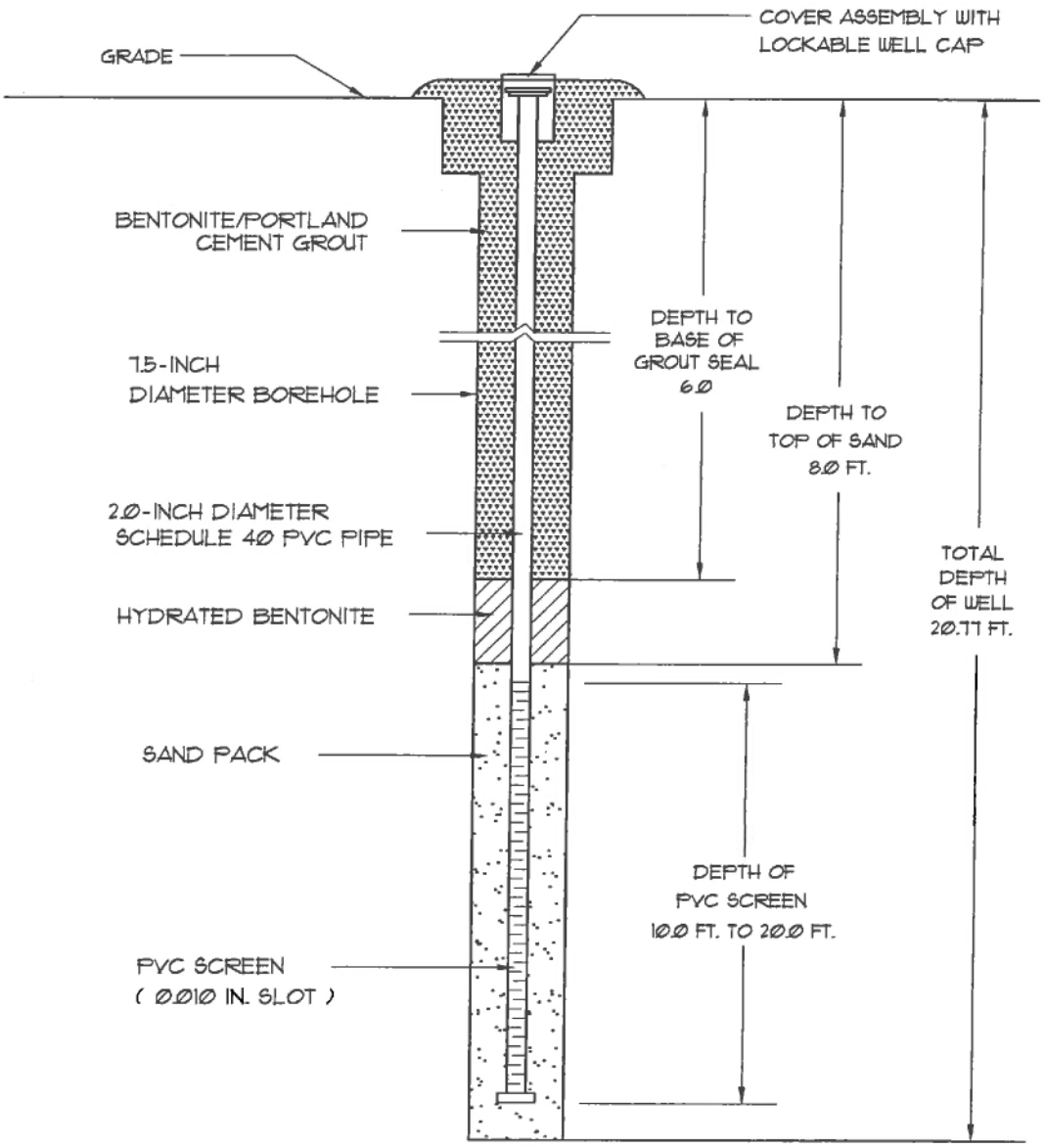
TEST BORING RECORD
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037

Boring Number:	08932-MW35
Date Drilled:	1/9/2020
Drilled By:	EDPS, LLC.
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

MONITORING WELL INSTALLATION RECORD

HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID# 08932
MECI Project Number 19-7037



Well Number:	08932-MW35
Date Drilled:	1/9/2020
Drilled By:	EDPS, LLC.
Driller: J. Kiker	S.C. I.D.#: B02200
Logged By:	K. Jacobs

Prepared By:
Midlands Environmental Consultants, Inc.
231 Dooley Road
Lexington, South Carolina 29073
(803) 808-2043 fax: 808-2048

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-4R

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-4R
Bentonite Seal from 10.0'-8.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 1/16/2020
22.0 ft. Date Completed: 1/16/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 12.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 12.0 ft. and 22.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 14.87 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 22.0 ft. to 10.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 8.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker **CERT. NO.:** 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: _____ Date: 2/4/2020
Well Driller
If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny **Temp. (°F):** 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-4R** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 14.87 ft. Screen Length (ft): 10 Slot Size (in): 0.010

Total Well Depth (TWD): 22.28 ft. Screen Interval: 12.0 ft. to 22.0 ft.

Length of Water Column (TWD-DGW): 7.41 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 20.00 gals. Drilling Fluids Recovered: N/A

Time:	11:44	11:46	11:48	11:50	11:52			
pH(s.u)*:	5.96	5.65	5.66	5.63	5.65			
Specific Conductivity (mmhos/cm):	115.7	129.1	61.9	59.8	57.4			
Water Temperature (°C)*:	20.9	21.2	21.7	21.9	21.9			
Turbidity (NTU)*:	206.3	96.1	42.63	21.18	9.62			
Physical Characteristics (color/odor):	Cloudy/ Odor	Cloudy/ Odor	Clear/ Odor	Clear/ Odor	Clear/ Odor			
Depth to Water (ft from TOC):	14.87	15.43	15.74	15.69	26.00			
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 20.0 gallons were removed.

Driller Signature: _____ Date: 2/4/2020

DHEC
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-4D

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-4D
Bentonite Seal from 50.0'-48.0'

6. TYPE: ☑ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 57.0 ft. Date Started: 1/15/2020 Date Completed: 1/16/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
6.0 in. to 50.0 ft. depth
2.0 in. to 52.0 ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 5.0
Set Between: 52.0 ft. and 57.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 15.50 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 57.0 ft. to 50.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 48.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny **Temp. (°F):** 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: ___ Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: X Sonic: ___

Monitoring Well ID#: **MW-4D** Well Casing Diameter (in): 2 Borehole Diameter (in): 6.0

Depth to Ground Water (DGW): 15.50 ft. Screen Length (ft): 5 Slot Size (in): 0.010

Total Well Depth (TWD): 56.70 ft. Screen Interval: 52.0 ft. to 57.0 ft.

Length of Water Column (TWD-DGW): 41.20 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 25.00 gals. Drilling Fluids Recovered: N/A

Time:	11:30	11:32	11:34	11:36	11:38	11:40		
pH(s.u)*:	7.02	6.75	6.40	6.34	6.28	6.24		
Specific Conductivity (mmhos/cm):	205.0	149.9	119.1	106.3	99.3	96.1		
Water Temperature (°C)*:	18.6	21.1	21.5	21.7	21.8	21.8		
Turbidity (NTU)*:	287.2	209.3	162.70	90.32	31.39	9.47		
Physical Characteristics (color/odor):	Cloudy/ Slight Odor	Cloudy/ Slight Odor	Cloudy/ Slight Odor	Cloudy/ Slight Odor	Clear/ Slight Odor	Clear/ Slight Odor		
Depth to Water (ft from TOC):	15.50	17.41	17.53	17.67	17.88	17.69		
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00	25.00		

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 25.0 gallons were removed.

Driller Signature: Jacob L Kiker Date: 2/4/2020

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-13i

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-13i
Bentonite Seal from 38.0'-36.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 45.0 ft. Date Started: 1/9/2020 Date Completed: 1/9/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 40.0 ft. and 45.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 16.58 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 45.0 ft. to 38.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 36.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** Date: **1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny Temp. (°F): 45

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. 15E101481; pH=4.0 X; pH-7.0 X; pH-10.0 X

Conductivity Meter: Serial no. 15E101481; Standard X

Temperature Meter: Serial no. 14H103098

Turbiditiy Meter: Serial No. 201301174; NTU 0.0 X; NTU 1.0 X; NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-13i** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 16.58 ft. Screen Length (ft): 5 Slot Size (in): 0.010

Total Well Depth (TWD): 44.80 ft. Screen Interval: 40.0 ft. to 45.0 ft.

Length of Water Column (TWD-DGW): 28.22 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 15.00 gals. Drilling Fluids Recovered: N/A

Time:	12:42	12:44	12:46	12:48				
pH(s.u)*:	6.95	6.90	6.95	6.90				
Specific Conductivity (mmhos/cm):	151.8	100.8	53.9	45.9				
Water Temperature (°C)*:	21.3	21.7	21.4	21.3				
Turbidity (NTU)*:	244.7	169.3	66.30	9.86				
Physical Characteristics (color/odor):	Cloudy/ No Odor	Cloudy/ No Odor	Clear/ No Odor	Clear/ No Odor				
Depth to Water (ft from TOC):	16.58	17.04	17.17	17.32				
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00				

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 15.0 gallons were removed.

Driller Signature: _____ Date: 2/4/2020

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-13D

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-13D
Bentonite Seal from 51.0'-49.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 53.0 ft. Date Started: 1/15/2020 Date Completed: 1/15/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 53.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 53.0 ft. and 58.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 16.80 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 58.0 ft. to 51.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 49.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny Temp. (°F): 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-13D** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 16.80 ft. Screen Length (ft): 5 Slot Size (in): 0.010

Total Well Depth (TWD): 57.90 ft. Screen Interval: 53.0 ft. to 58.0 ft.

Length of Water Column (TWD-DGW): 41.10 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 25.00 gals. Drilling Fluids Recovered: N/A

Time:	12:30	12:32	12:34	12:36	12:38	12:40		
pH(s.u)*:	5.89	5.70	5.40	5.19	5.07	5.11		
Specific Conductivity (mmhos/cm):	71.7	50.7	62.2	50.9	48.8	47.2		
Water Temperature (°C)*:	19.0	20.5	20.7	21.0	20.9	21.0		
Turbidity (NTU)*:	270.2	173.4	121.20	79.32	31.12	8.75		
Physical Characteristics (color/odor):	Cloudy/ No Odor	Cloudy/ No Odor	Cloudy/ No Odor	Clear/ No Odor	Clear/ No Odor	Clear/ No Odor		
Depth to Water (ft from TOC):	17.26	17.62	17.49	17.88	17.66	17.75		
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00	25.00		

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 25.0 gallons were removed.

Driller Signature: [signature] Date: 2/4/2020

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-16i

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-16i
Bentonite Seal from 38.0'-36.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other-Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 45.0 ft. Date Started: 1/10/2020 Date Completed: 1/10/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 40.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 40.0 ft. and 45.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 11.51 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 45.0 ft. to 38.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 36.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny Temp. (°F): 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-16i** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 11.51 ft. Screen Length (ft): 5 Slot Size (in): 0.010

Total Well Depth (TWD): 45.45 ft. Screen Interval: 40.0 ft. to 45.0 ft.

Length of Water Column (TWD-DGW): 33.94 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 20.00 gals. Drilling Fluids Recovered: N/A

Time:	16:07	16:09	16:11	16:13	16:15			
pH(s.u)*:	4.81	4.49	4.08	4.14	4.07			
Specific Conductivity (mmhos/cm):	83.4	39.4	36.9	34.7	36.1			
Water Temperature (°C)*:	20.7	21.4	21.6	21.4	21.5			
Turbidity (NTU)*:	136.4	96.1	43.74	17.61	8.31			
Physical Characteristics (color/odor):	Cloudy/ No Odor	Cloudy/ No Odor	Clear/ No Odor	Clear/ No Odor	Clear/ No Odor			
Depth to Water (ft from TOC):	11.51	12.09	12.16	12.24	12.10			
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 20.0 gallons were removed.

Driller Signature: _____ Date: 2/4/2020

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-16D

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-16D
Bentonite Seal from 53.0'-51.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 60.0 ft. Date Started: 1/16/2020 Date Completed: 1/16/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 55.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 55.0 ft. and 60.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 12.79 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 60.0 ft. to 53.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 51.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny **Temp. (°F):** 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-13D** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 12.79 ft. Screen Length (ft): 5 Slot Size (in): 0.010

Total Well Depth (TWD): 60.06 ft. Screen Interval: 55.0 ft. to 60.0 ft.

Length of Water Column (TWD-DGW): 47.27 ft. Type of Drilling Fluid Used: N/A

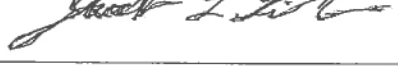
Total Gallons of Water Removed: 15.00 gals. Drilling Fluids Recovered: N/A

Time:	15:58	16:00	16:02	16:04				
pH(s.u)*:	5.61	5.70	5.40	5.19				
Specific Conductivity (mmhos/cm):	110.2	47.6	40.6	43.6				
Water Temperature (°C)*:	17.8	20.8	21.0	21.0				
Turbidity (NTU)*:	179.3	93.6	44.13	9.16				
Physical Characteristics (color/odor):	Cloudy/ No Odor	Cloudy/ No Odor	Clear/ No Odor	Clear/ No Odor				
Depth to Water (ft from TOC):	12.79	13.26	13.37	13.42				
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00				

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 15.0 gallons were removed.

Driller Signature:  Date: 2/4/2020

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-29

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-29
Bentonite Seal from 8.0'-6.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 1/8/2020 Date Completed: 1/8/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 10.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 10.0 ft. and 20.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 14.20 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 20.0 ft. to 8.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 6.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny **Temp. (°F):** 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter: Serial no. 15E101481
Standard X

Temperature Meter: Serial no. 14H103098

Turbiditiy Meter: Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-29** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 14.20 ft. Screen Length (ft): 10 Slot Size (in): 0.010

Total Well Depth (TWD): 20.34 ft. Screen Interval: 10.0 ft. to 20.0 ft.

Length of Water Column (TWD-DGW): 6.14 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 20.00 gals. Drilling Fluids Recovered: N/A

Time:	14:17	14:19	14:21	14:23	14:25			
pH(s.u)*:	5.22	5.41	5.43	5.19	5.34			
Specific Conductivity (mmhos/cm):	233.9	276.6	247.6	207.6	229.4			
Water Temperature (°C)*:	17.0	19.2	20.4	21.4	21.1			
Turbidity (NTU)*:	189.4	104.3	54.13	24.19	8.39			
Physical Characteristics (color/odor):	Cloudy/ Slight Odor	Cloudy/ Odor	Clear/ Odor	Clear/ Odor	Clear/ Odor			
Depth to Water (ft from TOC):	14.20	15.12	15.38	15.12	15.30			
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 20.0 gallons were removed.

Driller Signature: Jacob L Kiker Date: 2/4/2020

DHEC
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-29i

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-29i
Bentonite Seal from 38.0'-36.0'

6. TYPE: ☑ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 45.0 ft. Date Started: 1/9/2020 Date Completed: 1/10/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
6.0 in. to 35.0 ft. depth
2.0 in. to 40.0 ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 5.0
Set Between: 40.0 ft. and 45.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 14.23 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 45.0 ft. to 38.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 36.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny Temp. (°F): 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: ___ Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: X Sonic: ___

Monitoring Well ID#: **MW-29i** Well Casing Diameter (in): 2 Borehole Diameter (in): 6.0

Depth to Ground Water (DGW): 14.23 ft. Screen Length (ft): 5 Slot Size (in): 0.010

Total Well Depth (TWD): 44.82 ft. Screen Interval: 40.0 ft. to 45.0 ft.

Length of Water Column (TWD-DGW): 30.59 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 20.00 gals. Drilling Fluids Recovered: N/A

Time:	14:46	14:48	14:50	14:52	14:54			
pH(s.u)*:	5.18	4.87	4.37	4.27	4.23			
Specific Conductivity (mmhos/cm):	143.8	73.3	49.8	47.4	45.3			
Water Temperature (°C)*:	22.3	23.3	22.9	23.1	23.2			
Turbidity (NTU)*:	191.4	114.6	67.13	31.18	8.57			
Physical Characteristics (color/odor):	Cloudy/ Slight Odor	Cloudy/ Slight Odor	Cloudy/ Slight Odor	Cloudy/ Slight Odor	Clear/ Slight Odor			
Depth to Water (ft from TOC):	14.23	15.11	15.36	15.21	15.44			
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 20.0 gallons were removed.

Driller Signature: _____ Date: 2/4/2020

DHEC
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-29D

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-29D
Bentonite Seal from 38.0'-36.0'

6. TYPE: ☑ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other-Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 60.0 ft. Date Started: 1/15/2020 Date Completed: 1/16/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
6.0 in. to 50.0 ft. depth
2.0 in. to 55.0 ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 5.0
Set Between: 55.0 ft. and 60.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 14.78 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 60.0 ft. to 53.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 51.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: _____ Well Driller Date: 2/4/2020

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** Date: **1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny **Temp. (°F):** 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter: Serial no. 15E101481
Standard X

Temperature Meter: Serial no. 14H103098

Turbiditiy Meter: Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: ___ Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: X Sonic: ___

Monitoring Well ID#: **MW-29D** Well Casing Diameter (in): 2 Borehole Diameter (in): 6.0

Depth to Ground Water (DGW): 14.78 ft. Screen Length (ft): 5 Slot Size (in): 0.010

Total Well Depth (TWD): 60.40 ft. Screen Interval: 55.0 ft. to 60.0 ft.

Length of Water Column (TWD-DGW): 45.62 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 20.00 gals. Drilling Fluids Recovered: N/A

Time:	14:36	14:38	14:40	14:42	14:44			
pH(s.u)*:	5.31	5.22	5.00	4.62	4.67			
Specific Conductivity (mmhos/cm):	97.5	69.6	65.0	63.2	61.8			
Water Temperature (°C)*:	21.6	22.0	22.0	22.4	22.2			
Turbidity (NTU)*:	173.2	171.3	66.31	29.10	9.60			
Physical Characteristics (color/odor):	Cloudy/ Slight Odor	Cloudy/ Slight Odor	Cloudy/ Slight Odor	Cloudy/ Slight Odor	Clear/ Slight Odor			
Depth to Water (ft from TOC):	14.78	15.11	15.34	15.54	15.42			
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 20.0 gallons were removed.

Driller Signature: Jacob L Kiker Date: 2/4/2020

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-30

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-30
Bentonite Seal from 8.0'-6.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 1/8/2020 Date Completed: 1/8/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 10.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 10.0 ft. and 20.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 13.54 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 20.0 ft. to 8.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 6.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P. _____ Volts _____ Length of drop pipe ___ ft. Capacity ___ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny **Temp. (°F):** 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-30** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 13.54 ft. Screen Length (ft): 10 Slot Size (in): 0.010

Total Well Depth (TWD): 20.18 ft. Screen Interval: 10.0 ft. to 20.0 ft.

Length of Water Column (TWD-DGW): 6.64 ft. Type of Drilling Fluid Used: N/A

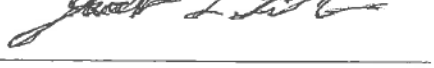
Total Gallons of Water Removed: 20.00 gals. Drilling Fluids Recovered: N/A

Time:	15:03	15:05	15:07	15:09	15:11			
pH(s.u)*:	5.01	5.03	5.12	5.21	5.24			
Specific Conductivity (mmhos/cm):	126.6	140.3	162.2	177.4	186.3			
Water Temperature (°C)*:	19.7	22.1	22.7	22.8	22.6			
Turbidity (NTU)*:	213.6	132.6	82.41	36.24	9.14			
Physical Characteristics (color/odor):	Cloudy/ Odor	Cloudy/ Odor	Clear/ Odor	Clear/ Odor	Clear/ Odor			
Depth to Water (ft from TOC):	13.54	14.14	14.26	14.60	14.47			
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 20.0 gallons were removed.

Driller Signature:  Date: 2/4/2020

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-31

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-31
Bentonite Seal from 8.0'-6.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 1/8/2020 Date Completed: 1/8/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 10.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 10.0 ft. and 20.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 14.38 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 20.0 ft. to 8.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 6.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.
Signed: _____ Date: 2/4/2020
Well Driller
If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny Temp. (°F): 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter: Serial no. 15E101481
Standard X

Temperature Meter: Serial no. 14H103098

Turbiditiy Meter: Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-31** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 14.38 ft. Screen Length (ft): 10 Slot Size (in): 0.010

Total Well Depth (TWD): 20.00 ft. Screen Interval: 10.0 ft. to 20.0 ft.

Length of Water Column (TWD-DGW): 5.62 ft. Type of Drilling Fluid Used: N/A

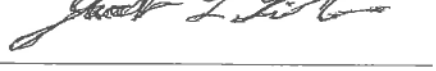
Total Gallons of Water Removed: 20.00 gals. Drilling Fluids Recovered: N/A

Time:	15:17	15:19	15:21	15:23	15:25			
pH(s.u)*:	5.04	4.63	4.71	4.83	4.91			
Specific Conductivity (mmhos/cm):	71.3	86.3	114.8	122.7	129.8			
Water Temperature (°C)*:	18.9	21.9	21.9	22.0	22.1			
Turbidity (NTU)*:	158.9	98.4	48.31	17.16	8.44			
Physical Characteristics (color/odor):	Cloudy/ Odor	Cloudy/ Odor	Clear/ Odor	Clear/ Odor	Clear/ Odor			
Depth to Water (ft from TOC):	14.38	15.06	15.12	15.29	15.10			
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 20.0 gallons were removed.

Driller Signature:  Date: 2/4/2020

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-32

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-32
Bentonite Seal from 8.0'-6.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other-Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 1/8/2020 Date Completed: 1/8/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 10.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 10.0 ft. and 20.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 13.15 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 20.0 ft. to 8.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 6.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** **Date: 1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny **Temp. (°F):** 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-32** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 13.15 ft. Screen Length (ft): 10 Slot Size (in): 0.010

Total Well Depth (TWD): 19.95 ft. Screen Interval: 10.0 ft. to 20.0 ft.

Length of Water Column (TWD-DGW): 6.80 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 20.00 gals. Drilling Fluids Recovered: N/A

Time:	15:36	15:38	15:40	15:42	15:44			
pH(s.u)*:	5.14	5.20	5.07	5.05	5.02			
Specific Conductivity (mmhos/cm):	166.5	171.2	175.3	184.8	191.3			
Water Temperature (°C)*:	20.0	21.7	21.6	21.3	21.5			
Turbidity (NTU)*:	209.3	134.6	78.42	31.19	8.94			
Physical Characteristics (color/odor):	Cloudy/ Odor	Cloudy/ Odor	Clear/ Odor	Clear/ Odor	Clear/ Odor			
Depth to Water (ft from TOC):	13.15	13.78	13.91	13.67	13.87			
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 20.0 gallons were removed.

Driller Signature: Jacob L Kiker Date: 2/4/2020

D H E C
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-33

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-33
Bentonite Seal from 8.0'-6.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 1/8/2020 Date Completed: 1/8/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 10.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 10.0 ft. and 20.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 13.96 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 20.0 ft. to 8.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 6.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** Date: **1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny **Temp. (°F):** 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-33** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 13.96 ft. Screen Length (ft): 10 Slot Size (in): 0.010

Total Well Depth (TWD): 20.57 ft. Screen Interval: 10.0 ft. to 20.0 ft.

Length of Water Column (TWD-DGW): 6.61 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 20.00 gals. Drilling Fluids Recovered: N/A

Time:	13:59	14:01	14:L03	14:05	14:07			
pH(s.u)*:	4.74	4.68	4.56	4.48	4.42			
Specific Conductivity (mmhos/cm):	107.9	105.0	94.6	90.4	87.3			
Water Temperature (°C)*:	19.2	21.0	21.8	21.6	21.7			
Turbidity (NTU)*:	289.4	138.1	97.46	40.41	9.42			
Physical Characteristics (color/odor):	Cloudy/ Odor	Cloudy/ Odor	Clear/ Odor	Clear/ Odor	Clear/ Odor			
Depth to Water (ft from TOC):	13.96	14.58	14.67	14.51	14.62			
Cumulative Gallons Removed:	0.00	5.00	10.00	15.00	20.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 20.0 gallons were removed.

Driller Signature: _____ Date: 2/4/2020

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

DHEC — PROMOTE PROTECT PROSPER

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-34

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-34
Bentonite Seal from 8.0'-6.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 1/9/2020 Date Completed: 1/9/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 10.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 10.0 ft. and 20.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 14.96 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 20.0 ft. to 8.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 6.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003) COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** Date: **1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny **Temp. (°F):** 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-34** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 14.96 ft. Screen Length (ft): 10 Slot Size (in): 0.010

Total Well Depth (TWD): 20.73 ft. Screen Interval: 10.0 ft. to 20.0 ft.

Length of Water Column (TWD-DGW): 5.77 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 11.00 gals. Drilling Fluids Recovered: N/A

Time:	13:10	13:12	13:15	13:17	13:19			
pH(s.u)*:	5.86	5.58	4.78	4.57	4.51			
Specific Conductivity (mmhos/cm):	123.4	124.0	86.1	81.9	72.7			
Water Temperature (°C)*:	18.8	21.1	22.1	22.7	22.6			
Turbidity (NTU)*:	197.2	130.2	81.30	31.18	9.12			
Physical Characteristics (color/odor):	Cloudy/ Odor	Cloudy/ Odor	Clear/ Odor	Clear/ Odor	Clear/ Odor			
Depth to Water (ft from TOC):	14.96	15.31	16.02	16.44	16.28			
Cumulative Gallons Removed:	0.00	3.00	5.00	8.00	11.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 11.0 gallons were removed.

Driller Signature: Jacob L Kiker Date: 2/4/2020

DHEC
PROMOTE PROTECT PROSPER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: Coca Cola Bottling Co. Consolidated (last) (first)
Address: 4115 Coca Cola Plaza
City: Charlotte State: NC Zip: 28211-0000
Telephone: Work: Home:

2. LOCATION OF WELL: COUNTY: Sumter
Name: HQ Health Self Serve #2
Street Address: 501 N. Guignard Drive
City: Sumter Zip: 29150-0000
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: 08932 **PUBLIC SYSTEM NUMBER:** MW-35

4. ABANDONMENT: ☐ Yes ☑ No
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist Boring Logs		
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:
MW-35
Bentonite Seal from 8.0'-6.0'

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☑ Other - Auger

7. PERMIT NUMBER: UMW-27672

8. USE: ☐ Residential ☐ Public Supply ☐ Process ☐ Irrigation ☐ Air Conditioning ☐ Emergency ☐ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) 20.0 ft. Date Started: 1/9/2020 Date Completed: 1/9/2020

10. CASING: ☑ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2.0 in. to 10.0 ft. depth
_____ in. to _____ ft. depth
Height: Above /Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: Schedule 40 PVC Diam.: 2 Inch
Slot/Gauge: 0.010 Length: 10.0
Set Between: 10.0 ft. and 20.0 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL 15.75 ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 20.0 ft. to 8.0 ft.
Effective size 1.43 Uniformity Coefficient 1.30

16. WELL GROUTED? ☑ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☑ Bentonite/Cement ☐ Other _____
Depth: From 6.0 ft. to 0.0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe ___ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jacob Kiker CERT. NO.: 2200
Address: (Print) Level: A (B) C D (circle one)
17538 Greenhill Road
Charlotte. NC 28278
Telephone No.: 704-607-7529 Fax No.: 803-548-2233

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 2/4/2020
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (07/2003)

COPY 1 MAIL TO: S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL (ADDRESS ABOVE)

Well Development Data Verification Form

Underground Storage Tank Management Division

Facility Name: **HQ Heath Self Serve #2** Site ID#: **08932** Date: **1/20/2020**

Drilling Company: EDPS, LLC Driller: Jacob Kiker

Field Personnel: J. Kiker/ K. Jacobs Driller Certification Number: B 2200

Weather Conditions: Sunny Temp. (°F): 45

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. 15E101481
pH=4.0 X
pH-7.0 X
pH-10.0 X

Conductivity Meter:
Serial no. 15E101481
Standard X

Temperature Meter:
Serial no. 14H103098

Turbiditiy Meter:
Serial No. 201301174
NTU 0.0 X
NTU 1.0 X
NTU10.0 X

Drilling Method

Hollow Stem Augers: X Solid Flight Augers: ___ Direct Push: ___

Air Rotary: ___ Mud Rotary: ___ Sonic: ___

Monitoring Well ID#: **MW-35** Well Casing Diameter (in): 2 Borehole Diameter (in): 7.5

Depth to Ground Water (DGW): 15.75 ft. Screen Length (ft): 10 Slot Size (in): 0.010

Total Well Depth (TWD): 20.77 ft. Screen Interval: 10.0 ft. to 20.0 ft.

Length of Water Column (TWD-DGW): 5.02 ft. Type of Drilling Fluid Used: N/A

Total Gallons of Water Removed: 10.00 gals. Drilling Fluids Recovered: N/A

Time:	13:35	13:40	13:46	13:50	13:53			
pH(s.u)*:	4.83	4.77	4.68	4.31	4.46			
Specific Conductivity (mmhos/cm):	120.6	139.1	140.4	141.4	138.7			
Water Temperature (°C)*:	19.2	20.7	20.3	21.2	21.4			
Turbidity (NTU)*:	304.1	266.3	114.70	60.17	9.63			
Physical Characteristics (color/odor):	Cloudy/ Odor	Cloudy/ Odor	Clear/ Odor	Clear/ Odor	Clear/ Odor			
Depth to Water (ft from TOC):	15.75	16.93	17.14	17.28	17.04			
Cumulative Gallons Removed:	0.00	3.00	5.00	8.00	10.00			

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

Detailed Description of Well Development Process:

The monitoring well was developed using a Mini-Monsoon well pump. The submersible pump was placed inside the water column and operated until all water was evacuated. The well was allowed to recharge before development continued. Development was complete after 10.0 gallons were removed.

Driller Signature: Jacob L. Kiker Date: 2/4/2020

APPENDIX F:

AQUIFER EVALUATION SUMMARY FORMS, DATA, GRAPHS, EQUATIONS

(Not Applicable)

APPENDIX G:

DISPOSAL MANIFEST

Midlands Environmental Consultants, Inc.

February 11, 2020

Re: Treatment of Purge Water
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID Number 08932
MECI Project Number 19-7037

To Whom It May Concern;

Midlands Environmental Consultants, Inc. is providing the following letter as certification that treatment of the referenced purge water complied with the conditions of "Proposed Conditions for Use of Portable Activated Carbon Units for the Treatment of Small Volumes of Petroleum Hydrocarbon Contaminated Groundwater", as described in the following:

Applicability:

Groundwater treated was obtained as a result development of wells and sampling.

Conditions:

1. The purge/bail water from all wells is mixed before usage of the Activated Carbon Unit.
2. No free-product was detected in any of the purge water drums.
3. Analytical results of from well sampling show average concentrations of petroleum hydrocarbon constituents less than 5000 parts per billion (ppb) Benzene and less than 20,000 ppb total BTEX.
4. The existing carbon pack will be replaced/reactivated every 5,000 gallons.
5. Record of usage is maintained by Contractor.
6. Any and all recommendations and conditions issued by the Manufacturer have been adhered to.
7. Any and all recommendations and conditions (even on a site by site basis) issued by the SCDHEC must be adhered to.

All purge waters were treated on-site using an up-flow treatment drum loaded with 80 pounds of activated carbon. Carbon will be loaded to a maximum of 3 pounds of total organic compounds or 5,000 gallons of development/purge water, whichever occurs first.

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

-281.00 gallons were treated on January 20, 2020 during the development of the newly installed monitoring wells.

- 763.00 gallons were treated on January 23-24, 2020 during purging and sampling of the monitoring well network.

A total of 1,044.00 gallons were treated at the referenced site.

Midlands Environmental also tracks cumulative organic compounds adsorbed on the activated carbon to ensure the capacity of carbon mass is not over-charged. This data is available upon request.

Should you have any questions or comments, please contact the undersigned.

Sincerely,
Midlands Environmental Consultants, Inc.

Jeff L. Coleman
Senior Scientist

WASTE MANAGEMENT

Richland County LF
1047 Highway Church Road
Elgin, SC, 29045
Ph: (803) 788-3054

Reprint
Ticket# 1720756

Customer Name MIDLANDSENVIRON MIDLANDS ENVI
Ticket Date 01/09/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 0
Destination
PO
Profile VA2718 (SOIL FROM UST ASSESSMENT)
Generator 126-MIDLANDSENVIRONMENTAL MIDLANDS ENVIRONMENTAL

Carrier MIDLANDSENVIRON MIDLANDS ENVIRONMENT
Vehicle# 1
Container
Driver
Check#
Billing # 0000469
Gen EPA ID

Volume

	Time	Scale	ScaleMaster
In	01/09/2020 12:25:49	Inbound #1	Dwayne
Out	01/09/2020 12:40:38	Outbound	Dwayne

Gross	13440 lb
Tare	9100 lb
Net	4340 lb
Tons	2.17

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	SOIL-Cont. Soil -	100	2.17	Tons				43-SUMTER
2	FUEL-Fuel Surcharg	100		%				43-SUMTER
3	EVF-P-Standard Env	100		%				43-SUMTER
4	RCR-P-Regulatory C	100		%				43-SUMTER

Total Fees
Total Ticket

Driver's Signature

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
MIDLANDS ENVIRONMENTAL
CONSULTANTS, INC.
231 DOOLEY ROAD
LEXINGTON, SC 29073

4. Generator's Phone 803-808-2042 X2

Generator's Site Address (If different than mailing):
HQ Heath Self Serve #2
501 N Guignard Dr.
Sumter SC UST#08932

A. Manifest Number

B. State Generator's ID

5. Transporter 1 Company Name | **6. US EPA ID Number** | **C. State Transporter's ID**

7. Transporter 2 Company Name | **8. US EPA ID Number** | **D. Transporter's Phone**

E. State Transporter's ID

9. Designated Facility Name and Site Address
RICHLAND COUNTY LANDFILL, INC.
1047 HIGHWAY CHURCH ROAD
ELGIN, SC 29045

10. US EPA ID Number | **F. Transporter's Phone**

G. State Facility ID 402401-1101

H. State Facility Phone 803-744-3373

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a NON-HAZ GAS AND DIESEL CONTAMINATED SOIL WM Profile # VA2718					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above
25% RMY Inc. 1590 N. Main St. Allendale SC UST: 00328
25% Lawn Stage Mart + 4575 Festival Trail Wagener UST: 12951

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information

Purchase Order # | **EMERGENCY CONTACT / PHONE NO.:**

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name: Jordan Floyd | Signature "On behalf of" | Month: 1 | Day: 9 | Year: 20

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Name: Jordan Floyd | Signature | Month: 1 | Day: 9 | Year: 20

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Name | Signature | Month | Day | Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed Name: Dwayne Mosby | Signature: Dwayne Mosby | Month: 1 | Day: 9 | Year: 20

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY

WASTE MANAGEMENT

Richland County LF
1047 Highway Church Road
Elgin, SC, 29045
Ph: (803) 788-3054

Reprint
Ticket# 1721060

Customer Name MIDLANDSENVIRON MIDLANDS ENVI
Ticket Date 01/10/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 0
Destination
PO
Profile VA2718 (SOIL FROM UST ASSESSMENT)
Generator 126-MIDLANDSENVIRONMENTAL MIDLANDS ENVIRONMENTAL

Carrier MIDLANDSENVIRON MIDLANDS ENVIRONMENT
Vehicle# 1
Container
Driver
Check#
Billing # 0000469
Gen EPA ID

Volume

	Time	Scale	ScaleMaster
In	01/10/2020 12:34:46	Inbound #1	Dwayne
Out	01/10/2020 13:01:08	Outbound	Dwayne

Gross	12280 lb
Tare	8880 lb
Net	3400 lb
Tons	1.70

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	SOIL-Cont. Soil -	100	1.70	Tons				43-SUMTER
2	FUEL-Fuel Surcharg	100		%				43-SUMTER
3	EVF-P-Standard Env	100		%				43-SUMTER
4	RCR-P-Regulatory C	100		%				43-SUMTER

Total Fees
Total Ticket

Driver's Signature

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
MIDLANDS ENVIRONMENTAL CONSULTANTS, INC. 231 DOOLEY ROAD LEXINGTON, SC 29073	HQ Health Self Serve #2 501 N. Guignard Dr. Sumter, SC 29150 Sumter County UST-08932	B. State Generator's ID	
4. Generator's Phone 803-808-2042 X2			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address RICHLAND COUNTY LANDFILL, INC. 1047 HIGHWAY CHURCH ROAD ELGIN, SC 29045	10. US EPA ID Number	G. State Facility ID 402401-1101 H. State Facility Phone 803-744-3373

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a NON-HAZ GAS AND DIESEL CONTAMINATED SOIL WM Profile # VA2718					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kyle Jacobs	Kyle Jacobs	1	10	20

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Kyle Jacobs	Kyle Jacobs	1	10	20

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Dwayne Moody	Dwayne Moody	1	10	20

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY

WASTE MANAGEMENT

Richland County LF
1047 Highway Church Road
Elgin, SC, 29045
Ph: (803) 788-3054

Reprint
Ticket# 1722779

Customer Name MIDLANDSENVIRON MIDLANDS ENVI
Ticket Date 01/20/2020
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 0
Destination
PO
Profile VA2718 (SOIL FROM UST ASSESSMENT)
Generator 126-MIDLANDSENVIRONMENTAL MIDLANDS ENVIRONMENTAL

Carrier MIDLANDSENVIRON MIDLANDS ENVIRONMENT
Vehicle# 1
Container
Driver
Check#
Billing # 0000469
Gen EPA ID
Volume

	Time	Scale	ScaleMaster
In	01/20/2020 12:18:29	Inbound #2	Dwayne
Out	01/20/2020 13:26:21	Outbound	Dwayne

Comments

Gross	23180	lb
Tare	12820	lb
Net	10360	lb
Tons	5.18	

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	SOIL-Cont. Soil -	100	5.18	Tons				43-SUMTER
2	FUEL-Fuel Surcharg	100		%				43-SUMTER
3	EVF-P-Standard Env	100		%				43-SUMTER
4	RCR-P-Regulatory C	100		%				43-SUMTER

Total Fees
Total Ticket

Driver's Signature

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
MIDLANDS ENVIRONMENTAL CONSULTANTS, INC. 231 DOOLEY ROAD LEXINGTON, SC 29073	HQ Health Self Serve #2 501 N. Guignard Dr. Sumter, SC Sumter County UST-08932	B. State Generator's ID	
4. Generator's Phone 803-808-2042 X2			

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address **RICHLAND COUNTY LANDFILL, INC.** **1047 HIGHWAY CHURCH ROAD** **ELGIN, SC 29045**	10. US EPA ID Number	G. State Facility ID 402401-1101 H. State Facility Phone 803-744-3373

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a NON-HAZ GAS AND DIESEL CONTAMINATED SOIL WM Profile # VA2718					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Kyle Jacobs	Kyle Jacobs	1	20	2020

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
John Phillips		1	20	2020

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Wayne Moody		1	20	20

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY

APPENDIX H:

LOCAL ZONING REGULATIONS

(Not Applicable)

APPENDIX I:

FATE AND TRANSPORT MODELING

(Not Applicable)

APPENDIX J:

ACCESS AGREEMENTS

(Not Applicable)

Midlands Environmental Consultants, Inc.

RECEIVED
OCT 02 2019
BY:

SITE ACCESS AGREEMENT

The **SITE ACCESS AGREEMENT** ("Agreement") is entered in to by JJ&P Properties, LLC "**Owner**", and **Midlands Environmental Consultants, Inc. ("MECI").**

WHEREAS, **Owner** owns the property (the "Property") described as follows:
Sumter County Tax Map ID #2291603037, located at 501 N Guignard Drive, Sumter, Sumter County, SC.

WHEREAS, the **South Carolina Department of Health and Environmental Control (SCDHEC)** is requiring **MECI** to conduct certain assessment activities relating to groundwater contamination present on the Property; and,

WHEREAS, for **MECI** to conduct the testing relating to these assessment activities, **MECI** needs the permission of **owner** to enter onto the Property in order to conduct assessment activities specified herein.

NOW, THEREFORE, **MECI** and **Owner** agree as follows:

1. **Owner** herby grants **MECI** and its employees, agents' servants, contractors, and subcontractor's permission to enter upon **Owner's** Property, to install one (1) 2-Inch Groundwater Monitoring Well as required by **SCDHEC.**

2. The wells will not limit or obstruct use of the property. Any waste materials generated by the installation activities will be properly handled and disposed by **MECI.**

3. **MECI** will restore the Property to similar surficial condition and stability as existed prior to the performance of the wells with the exception of a two-foot by two-foot concrete pad installed flush with ground in a manner consistent with State requirements. **MECI** will take reasonable measures to prevent soil erosion as a result of assessment activities and will repair the site disturbances resulting from assessment activities.

4. This Agreement shall become effective on the date of execution by the last executing party.

5. **Owner** herby agrees that all parties with an interest in the Property are signing this document as **Owner.**

OWNER NAME: John M. Sutton, JR JJ&P, Inc.

OWNER SIGNATURE: John Sutton, JR

DATE: 9/30/19 PHONE: 803-934-6750

EMAIL: JSutton389@aol.com

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

SITE ACCESS AGREEMENT

THIS SITE ACCESS AGREEMENT ("Access Agreement") is made as of the 4th day of October, 2019, by and between Palmetto Station LLC ("Owner") and Midlands Environmental Consultants, Inc. ("MECI").

WHEREAS, Owner is the owner of property located at 493 N. Guignard Drive, Sumter, South Carolina (the "Property");

WHEREAS, the South Carolina Department of Health and Environmental Control, Division of Underground Storage Tanks ("SCDHEC") has requested MECI to perform an assessment of a release of petroleum product from HG Heath Self Serve 2, located at 501 Guignard Drive in Sumter, South Carolina; and

WHEREAS, MECI would like to access and enter the Property to conduct an environmental assessment as described in MECI's letter to Owner, dated September 23, 2019 and SCDHEC's "Letter of Introduction" dated November 26, 2016 (attached hereto as Exhibit A and incorporated herein by reference) (the "Assessment") at the Property.

NOW, THEREFORE, in consideration of the terms and conditions set forth herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

1. Owner hereby grants to MECI and its designated employees, representatives, agents, and contractors access to the Property for the purposes of performing the Assessment. The Assessment shall be limited to the scope of work in Exhibit A. If based on the Assessment, MECI and SCDHEC determine that additional assessments or remediation of the Property will be necessary, MECI shall provide a detailed scope of work to Owner and if approved by Owner, the work will be authorized under an addendum to this Agreement.

2. MECI shall schedule, at least ten (10) business days in advance with Owner's property manager, the performance of the Assessment at a time convenient to Owner. Owner shall have the right to observe the Assessment. MECI shall comply with the requirements imposed by Owner's property manager to minimize interference with the operation of the Property.

3. a) MECI shall maintain standard form insurance of the following types and minimum amounts to protect Owner and its shareholders, members, and affiliates and successors and assigns from claims arising from or related to the performance of the Assessment by MECI and its contractors: (i) Workers' Compensation Insurance – in amounts to satisfy statutory limits in the state where the Assessment is performed; (ii) Comprehensive General Liability – $4,000,000 combined single limit per occurrence/aggregate; (iii) Automobile Liability for owned, hired or non-owned vehicles – $2,000,000 combined single limit per occurrence/aggregate; (iv) Pollution Liability or Environmental Impairment (Claims-Made) – $5,000,000 combined single limit per occurrence/aggregate; (v) Professional Liability (errors and omissions) – $5,000,000 combined single limit per occurrence/aggregate; and (iv) Excess Liability Insurance - $5,000,000 combined single limit per occurrence/aggregate.

see agreed upon limits J.C. 10/4/19

b) Such insurance shall be with companies authorized to do business in the state where the Assessment is performed and shall be provided by reputable companies, with an AM Best rating of A or above. Such insurance shall be primary with any policies of Owner or its shareholders, members, affiliates, and tenants being excess, secondary, and non-contributing.

c) Except for Workers' Compensation Insurance and Professional Liability Insurance, MECI shall have Owner and its shareholders, members, and affiliates, and successors and assigns named as an additional insured on the insurance policies required by this Access Agreement.and, prior to commencing the Assessment, provide Owner with copies of the endorsements added to these policies which evidence compliance with this requirement.

4. MECI shall conduct the Assessment in a safe manner and in compliance with all applicable laws and regulations. MECI shall be responsible for obtaining permits or authorizations from governmental authorities required for the Assessment.

5. MECI shall promptly provide sampling results and the Assessment report(s) to Owner.

6. MECI shall be responsible for properly managing all wastes generated, handled, stored, transported or disposed of in connection with the Assessment, including the preparation and submittal of all reports and other documents regarding such wastes required by applicable laws and regulations. MECI shall ensure that such wastes are properly managed and handled, stored, transported and disposed of in accordance with all applicable laws and regulations at a location acceptable to Owner in its reasonable discretion.

7. MECI assumes the risk and all costs and expenses associated with the loss, damage or theft of any property of MECI or its contractors used for the Assessment at the Property.

8. MECI shall be responsible for determining the existence and location of all subsurface utility lines, cables and pipes that may affect performance of the Assessment. At the request of MECI, Owner shall provide information about the Property in Owner's possession to MECI; provided, however, the information provided by Owner, if any, is for MECI's information only, and is not a warranty of surface, subsurface or concealed conditions and Owner expressly disclaim any warranty as to the sufficiency or accuracy of such information. MECI shall have no claims against Owner for surface, subsurface or concealed conditions. MECI shall be liable for any damage to any utility service, including but not limited to, any water, sewer, gas, telephone, electric, process piping, or plant conduits.

9. MECI at all times shall take all reasonable precautions to protect the persons and property of others on or adjacent to the Property from damage, loss, injury, interference or nuisance resulting from implementing the Assessment. MECI shall immediately notify Owner of any accident or damage that arises from implementing the Assessment.

10. MECI at all times shall keep the Property free from wastes, excess material, equipment and debris associated with the Assessment, subject to reasonable and legally compliant onsite management of such material during the course of the Assessment in a specified location on the Property as directed by Owner.

11. MECI shall promptly restore the Property to the same condition as existed prior to the performance of the Assessment. All monitoring wells will be promptly abandoned at the direction of SCDHEC after the Assessment and remedial efforts have been completed in accordance with applicable laws.

12. MECI agrees to indemnify and hold harmless Owner from any and all loss, cost or damage, including reasonable attorney's fees and court costs, which Owner may sustain by reason of the recording of any and all mechanics' liens against the Property by any person or entity claiming under any contract or subcontract with MECI, and that if such mechanics' liens are recorded against the Property, MECI will

immediately cause the same to be removed by bonding the same, by payment or by any other process or manner which will effectively remove any and all such liens from the Property.

13. MECI agrees to indemnify, defend and hold harmless Owner and its affiliates, owners, officers, directors, parents, managers, members, tenants, agents, and employees, and the successors and assigns of all of the foregoing from any and all claims, losses, liabilities, damages, costs and expenses (including, but not limited to, reasonable attorneys' fees and costs), with respect to performance of the Assessment or MECI's breach of the terms of this Access Agreement.

14. The restoration, lien, and indemnity obligations set forth in Sections 11, 12, and 13 of this Access Agreement shall survive the expiration and/or termination of this Access Agreement.

15. MECI shall be responsible for the acts or omissions of, and compliance with this Access Agreement by, MECI's contractors.

16. MECI's access rights under this Access Agreement shall exist and continue until such time as MECI has completed the Assessment as set forth in Exhibit A and all well abandonment and property restoration is completed. If MECI shall fail to comply with this Access Agreement, Owner shall have, in addition to other rights under this Access Agreement, at law or in equity, the right to without further notice revoke the access rights granted herein; and Owner may proceed against MECI to recover all losses, damages, costs, fees and expenses incurred by Owner as a result of the occurrence of such breach and may otherwise pursue such other remedies, causes of action and other rights as Owner may have under law or in equity.

17. MECI may not assign or transfer this Access Agreement or any rights or duties hereunder without the written consent of Owner. The Access Agreement shall be assignable and transferable to Owner's successors and assigns without the necessity of the execution and delivery of any additional documentation by MECI.

18. This Access Agreement shall be governed by the laws of South Carolina.

19. This Access Agreement may be executed in multiple counterparts, each of which may be deemed an original, and all of such counterparts together shall constitute one and the same Access Agreement. Executed copies of this Access Agreement may be delivered between the parties via e-mail or telecopy.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have caused this Access Agreement to be executed by their duly authorized representative.

Palmetto Station LLC
a Delaware limited liability company
By: Phillips Edison HoldCo LLC
its sole member
By: Phillips Edison HoldCo Manager LLC
its managing member
By: Phillips Edison Limited Partnership
its sole member
By: Phillips Edison & Company, Inc.
its general partner

By: Barry M. Wilson
Name: Barry M. Wilson
Title: VP, Risk Management

Dated as of October 4, 2019

Midlands Environmental Consultants, Inc.

By:
Name: Jeff L. Ackerman
Title: Managing Principal

Dated as of October 4th, 2019

Midlands Environmental Consultants, Inc.

SITE ACCESS AGREEMENT

The **SITE ACCESS AGREEMENT** ("Agreement") is entered in to by Sumter County "**Owner**", and **Midlands Environmental Consultants, Inc. ("MECI").**

WHEREAS, **Owner** owns the property (the "Property") described as follows.
Sumter County Tax Map ID #2280101032, located at 490 N Guignard Drive, Sumter, Sumter County, SC.

WHEREAS, the **South Carolina Department of Health and Environmental Control (SCDHEC)** is requiring **MECI** to conduct certain assessment activities relating to groundwater contamination present on the Property; and,

WHEREAS, for **MECI** to conduct the testing relating to these assessment activities, **MECI** needs the permission of **owner** to enter onto the Property in order to conduct assessment activities specified herein.

NOW, THEREFORE, **MECI** and **Owner** agree as follows:

1. Owner herby grants **MECI** and its employees, agents' servants, contractors, and subcontractor's permission to enter upon Owner's Property, to install two (2) 2-Inch Groundwater Monitoring Wells as required by SCDHEC.

2. The wells will not limit or obstruct use of the property. Any waste materials generated by the installation activities will be properly handled and disposed by **MECI.**

3. MECI will restore the Property to similar surficial condition and stability as existed prior to the performance of the wells with the exception of a two-foot by two-foot concrete pad installed flush with ground in a manner consistent with State requirements. MECI will take reasonable measures to prevent soil erosion as a result of assessment activities and will repair the site disturbances resulting from assessment activities.

4. This Agreement shall become effective on the date of execution by the last executing party.

5. Owner herby agrees that all parties with an interest in the Property are signing this document as Owner.

OWNER NAME: Sumter County

OWNER SIGNATURE: Robert E. Gallowa Purchasing Director

DATE: 9-25-2019 PHONE: (803) 436-2329

EMAIL: purchasing@sumtercountysc.or

Midlands
Environmental
Consultants, Inc.

SITE ACCESS AGREEMENT

The **SITE ACCESS AGREEMENT** ("Agreement") is entered in to by City of Sumter, South Carolina **"Owner"**, and **Midlands Environmental Consultants, Inc. ("MECI").**

WHEREAS, **Owner** owns the property (the "Property") described as follows:
Property Right of Way along Western Shoulder of Community Street, Sumter, Sumter County, SC. Approximate area where assessment activities will occur are highlighted on attached Figure 2 (Site Base Map).

WHEREAS, the **South Carolina Department of Health and Environmental Control (SCDHEC)** is requiring **MECI** to conduct certain assessment activities relating to groundwater contamination present on the Property; and,

WHEREAS, for **MECI** to conduct the testing relating to these assessment activities, **MECI** needs the permission of **owner** to enter onto the Property in order to conduct assessment activities specified herein.

NOW, THEREFORE, **MECI** and **Owner** agree as follows:

1. Owner herby grants **MECI** and its employees, agents' servants, contractors, and subcontractor's permission to enter upon Owner's Property, to install two (2) 2-Inch Groundwater Monitoring Wells as required by SCDHEC.

2. The wells will not limit or obstruct use of the property. Any waste materials generated by the installation activities will be properly handled and disposed by **MECI.**

3. MECI will restore the Property to similar surficial condition and stability as existed prior to the performance of the wells with the exception of a two-foot by two-foot concrete pad installed flush with ground in a manner consistent with State requirements. MECI will take reasonable measures to prevent soil erosion as a result of assessment activities and will repair the site disturbances resulting from assessment activities.

4. This Agreement shall become effective on the date of execution by the last executing party.

5. Owner herby agrees that all parties with an interest in the Property are signing this document as Owner.

OWNER NAME: AL HARRIS

OWNER SIGNATURE: Al Harris

DATE Oct. 4 2019

PHONE: 803-436-2552

EMAIL: bodom@sumtersc.gov

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

APPENDIX K:

DATA VERIFICATION CHECKLIST

Contractor Checklist

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

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

dhec
Healthy People. Healthy Communities.

AUG 1 3 2020

UST 114 DOCKETING

COCA COLA BOTTLING CO CONSOLIDATED
PO BOX31487
CHARLOTTE NC 28231

Re: **Site-Specific Work Plan Request for Groundwater Sampling**
H Q Heath Self Serv 2, 501 N Guignard Dr, Sumter, SC
UST Permit #08932
Release reported July 31, 1996
Assessment Report received March 2, 2020
Sumter County

To Whom it May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels.

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations R.61-92, implementation of groundwater sampling is necessary. The groundwater sampling must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and in compliance with all applicable regulations. A copy of the UST QAPP is available at SCDHEC.gov/Environment/Land-Waste/Underground-Storage-Tanks/Release-Assessment-Clean/Quality-Assurance.

Groundwater samples should be collected from all monitoring wells, water supply wells and surface waters associated with this release. Samples should be analyzed for BTEX, Naphthalene, MTBE, 1,2-DCA, the 8 oxygenates, and EDB. Only wells with screens that do not bracket the water table should be purged prior to sampling.

Your contractor must complete the SSWP and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence concerning this site, please reference UST Permit #08932. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at feltzal@dhec.sc.gov.

Sincerely,

Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Midlands Environmental Consultants, Inc., P.O. Box 854, Lexington, SC 29071
Technical file

Midlands Environmental Consultants, Inc.

August 26, 2020

RECEIVED

AUG 28 2020

SC Department of
Health & Environmental Control

Ms. Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

UST 115 Year DOCKETING

UST AUG 28 2020 PROGRAM

Subject: Site-Specific Work Plan
HQ Heath Self Serve 2
Sumter, South Carolina
SCDHEC Site ID Number 08932
MECI Project Number 20-7412
Certified Site Rehabilitation Contractor UCC-0009

Dear Ms. Feltz,

Midlands Environmental Consultants Inc. (MECI) is pleased to submit the attached Site-Specific Work Plan for the referenced site.

On August 24, 2020 MECI personnel performed a site visit to the subject site to evaluate site conditions, locate monitoring wells and identify potential problems for future groundwater sampling activities.

Please feel free to contact us at 803-808-2043 if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.

Kyle V. Pudney
Project Biologist

Jeff L. Coleman
Senior Scientist

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

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

To: Ms. Amanda Feltz (SCDHEC Project Manager)
From: Jeff L. Coleman (Contractor Project Manager)
Contractor: Midlands Environmental Consultants, Inc. UST Contractor Certification Number: 009

Facility Name: HQ Heath Self Serv 2 UST Permit #: 08932
Facility Address: 501 N Guignard Drive, Sumter, SC 29150
Responsible Party: Coca Cola Bottling Company Consolidated Phone: 704-557-4023
RP Address: 4115 Coca-Cola Plaza, Charlotte, NC 28211
Property Owner (if different): JJ & P Properties LLC
Property Owner Address: 206 Tucson Drive, Sumter, SC 29150
Current Use of Property: Active Station

Scope of Work (Please check all that apply)

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

Analyses (Please check all that apply)

Groundwater/Surface Water:

- ☑ BTEXNMDCA (8260B)
- ☑ Oxygenates (8260B)
- ☑ EDB (8011)
- ☐ PAH (8270D)
- ☐ Lead
- ☐ 8 RCRA Metals
- ☐ TPH
- ☐ pH
- ☐ BOD
- ☐ Nitrate
- ☐ Sulfate
- ☐ Other
- ☐ Methane
- ☐ Ethanol
- ☐ Dissolved Iron

Drinking Water Supply Wells:

- ☐ BTEXNMDCA (524.2)
- ☐ Oxygenates & Ethanol (8260B)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☐ EDB (504.1)

Soil:

- ☐ BTEXNM
- ☐ Lead
- ☐ RCRA Metals
- ☐ PAH
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☐ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

____ Soil	3 Water Supply Wells	____ Air	2 Field Blank
49 Monitoring Wells	6 Surface Water	4 Duplicate	4 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 #: 08932 Facility Name: HQ Heath Self Serv 2

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 8/26/2020 Field Work Completion: 9/26/2020
Report Submittal: 10/26/2020 # of Copies Provided to Property Owners: 0

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

Investigation Derived Waste Disposal
Soil: _____ Tons Purge Water: 500.0 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.

-During the initial site visit, monitoring wells MW-19, MW-21, MW-22, MW-23, MW-24, and MW-27 were unable to be located. MECI will send extra personnel in order to locate any existing wells. All other wells were located and found in good condition.
-Only wells with screens that do not bracket the water table will be purged prior to sampling.
-MECI will attempt to sample three water supply wells (WSW-3, WSW-5, and WSW-6) and six surface water features (SW-1 through SW-6).
-Monitoring well and surface water samples collected will be analyzed for BTEXNM, 1-2 DCA, 8 Oxy's (8260B) & EDB (8011).
-Water supply well samples collected will be analyzed for BTEXNM, 1-2 DCA (524.2), 8 Oxy's (8260B), and EDB (504.1).

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: _____

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

None 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

Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: HQ Heath Self Serve

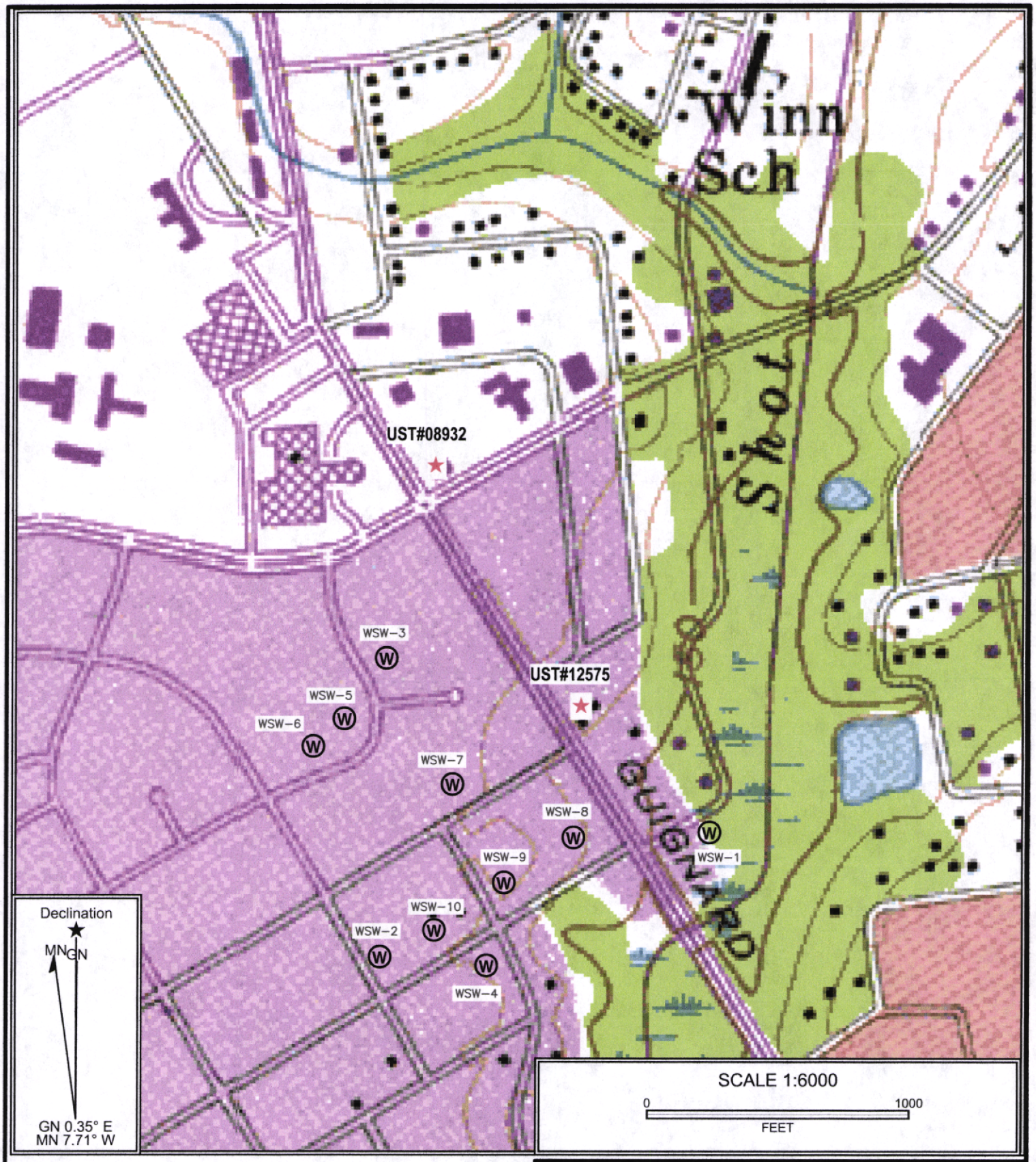
UST Permit #: 08932 **Cost Agreement #:** Proposal

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. **Plan Preparation**					
1. Site-specific Work Plan	1	each	$160.05		$160.05
2. Tax Map		each	$74.69		$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
B. **Receptor Survey ***		each	$587.92		$0.00
C. **Survey (500 ft x 500 ft)**					
1. Comprehensive Survey		each	$1,109.68		$0.00
Subsurface Geophysical Survey					
2. < 10 meters below grade		each	$1,387.10		$0.00
3. > 10 meters below grade		each	$2,464.77		$0.00
4. Geophysical UST or Drum Survey		each	$970.97		$0.00
D. **Mob/Demob**					
1. Equipment		each	$1,088.34		$0.00
2. Personnel	4	each	$451.34		$1,805.36
3. Adverse Terrain Vehicle		each	$533.50		$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34		$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***					
1. Standard		per foot	$16.01		$0.00
2. Fractured Rock		per foot	$21.55		$0.00
G. **Soil Leachability Model**		each	$64.02		$0.00
H. **Abandonment (per foot)***					
1. 2" diameter or less		per foot	$3.31		$0.00
2. Greater than 2" to 6" diameter		per foot	$4.80		$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00		$0.00
I. **Well Installation (per foot)***					
1. Water Table (hand augered)		per foot	$11.31		$0.00
2. Water Table (drill rig) 2" Diameter		per foot	$40.55		$0.00
3. Telescoping		per foot	$53.35		$0.00
4. Rock Drilling		per foot	$61.89		$0.00
5. 2" Rock Coring		per foot	$32.97		$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64		$0.00
7. Recovery Well (4" diameter)		per foot	$48.02		$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01		$0.00
9. Rotosonic (2" diameter)		per foot	$46.95		$0.00
10. Re-develop Existing Well		per foot	$11.74		$0.00
J. **Groundwater Sample Collection / Gauge Depth to Water or Product ***					
1. Groundwater Purge	10	per well	$64.02		$640.20
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate	4	sample	$23.47		$93.88
4. Groundwater No Purge or Duplicate or Grab	48	sample	$29.88		$1,434.24
5. Gauge Well only		sample	$7.47		$0.00
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank	2	sample	$26.25		$52.50
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank		sample	$26.25		$0.00

K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	62	per sample	$130.17		$8,070.54
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011	59	per sample	$48.23		$2,845.57
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)	6	per sample	$132.36		$794.16
15. 7-OXYGENATES & ETHANOL (8260B)	6	per sample	$97.90		$587.40
16. EDB (504.1)	5	per sample	$84.83		$424.15
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. **Analyses-Soil**					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer		per sample	$110.97		$0.00
24. Total Organic Carbon		per sample	$32.65		$0.00
K. **Analyses-Air**					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. **Analyses-Free Phase Product**					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. **Aquifer Characterization***					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test		per test	$203.80		$0.00
3. Fractured Rock		per test	$106.70		$0.00
M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***		each	$260.00		$0.00
Q. **Disposal (gallons or tons)***					
1. Wastewater	500	gallon	$0.60		$300.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal		ton	$64.02		$0.00
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00

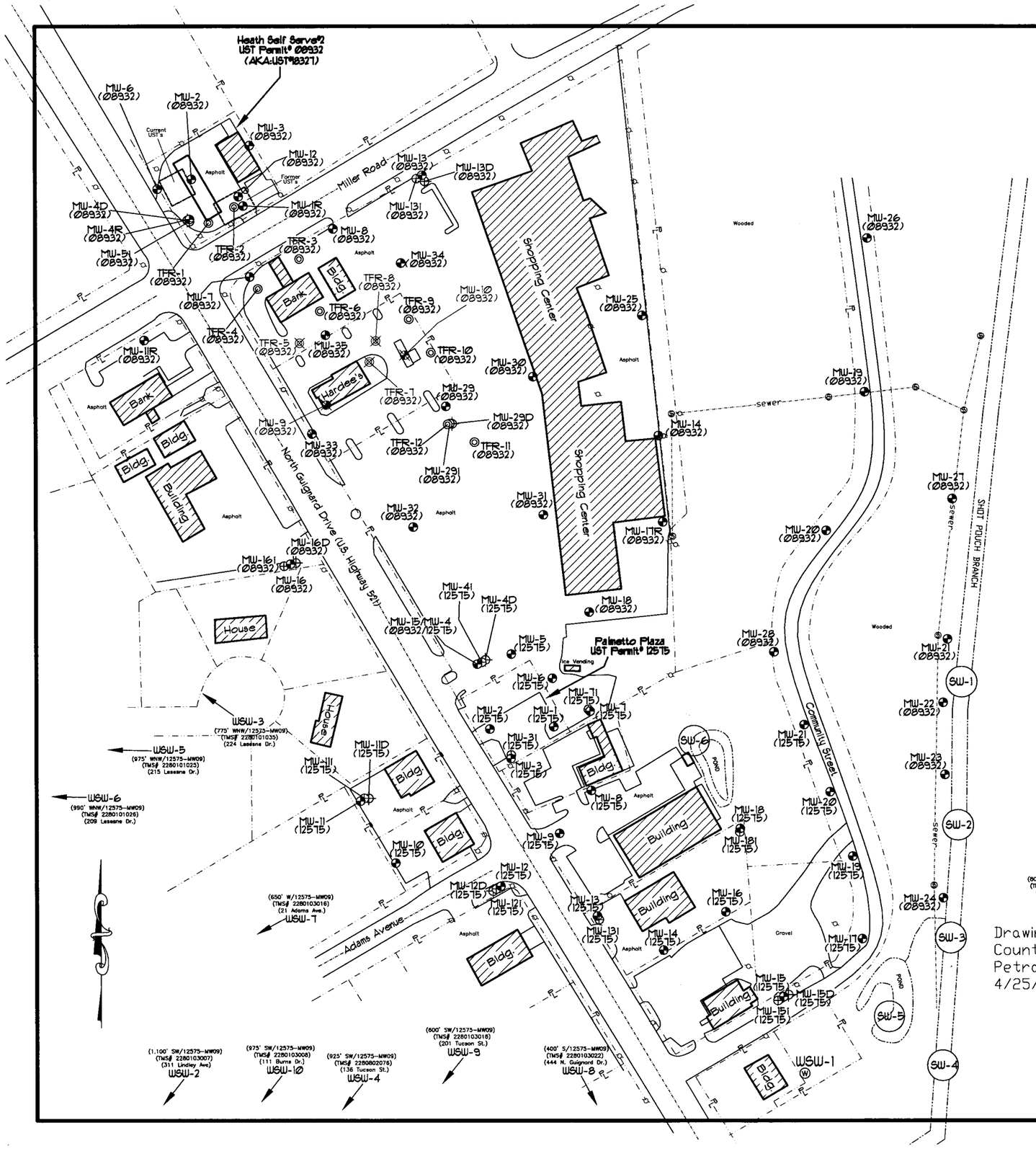
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00
X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00
6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*		each	$53.35		$0.00
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*		each	$125.91		$0.00
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock		each	$16.00		$0.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*		each	$160.05		$0.00
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$17,208.05		$2,064.97
TOTAL					$19,273.02

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary



Reference: Sumter East, South Carolina
USGS 7.5 Min. Quad
Contour Interval – 10 Feet

Midlands Environmental Consultants, Inc.	Site Location
Heath Self Serve 2 501 North Guignard Drive, Sumter, SC SCDHEC Site ID# 08932	
Figure 1	MECI 19-7037



Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of 4-Inch Recovery Well
- Location of "Deep" Monitoring Well
- Location of Abandoned Well
- Location of "Intermediate" Monitoring Well
- (SW) Location of Surface Water Sample Collection
- Estimated Location of Removed Underground Storage Tanks
- Estimated Location of Existing Underground Storage Tanks
- —PL— Property Line
- sewer Buried Sewer
- stream Stream

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Site Base Map

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 19-7037

DATE February 11, 2020

FIGURE 2

dhec
Healthy People. Healthy Communities.

SEP 2 3 2020

UST 116 DOCKETING

COCA COLA BOTTLING CO CONSOLIDATED
PO BOX 31487
CHARLOTTE NC 28231

Re: **Site-Specific Work Plan Approval and Groundwater Sampling Notice to Proceed**
H Q Heath Self Serv 2, 501 N Guignard Dr, Sumter, SC
UST Permit #08932; CA #62462
Release #1 reported July 31, 1996
Site Specific Work Plan received August 28, 2020
Sumter County

To Whom it May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site Specific Work Plan (SSWP) submitted by your contractor. All work should be conducted in compliance with the most recent revision of the UST QAPP, your contractor's Annual Contractor Quality Assurance Plan, and all applicable regulations. A copy of the current revision of the UST QAPP is available at https://www.scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

The groundwater sampling event should begin immediately upon receipt of this letter. The Cost Agreement number shown above has been approved for the amount shown on the enclosed cost agreement form.

Please note the following changes to the cost agreement and SSWP:

- J.4. decreased to 45 samples.
- K.1. decreased to 59 samples.
- K.7. decreased to 56 samples.

The contractor must provide notification to the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes to the schedule, the UST Project Manager must be contacted within 24 hours of those changes.

Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. **The Monitoring Report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the UST Division within sixty (60) days of the date of this correspondence.** If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Please note that sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that the SUPERB Account cannot compensate any costs that are not pre-approved. If for any reason additional tasks will be completed, these additional tasks, and the associated cost, must be pre-approved by the UST Division for the cost to be paid. The UST Division reserves the authority to pay only for work

properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the UST Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by the SUPERB Site Rehabilitation and Fund Access Regulation, R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference UST Permit #08932. Should you have any questions regarding this correspondence, please feel free to contact me by phone at (803) 898-2446 or by e-mail at feltzal@dhec.sc.gov.

Sincerely,



Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: Midlands Environmental Consultants, Inc. P.O. Box 854, Lexington, SC 29071 (w/enc)
Technical file (w/enc)

Approved Cost Agreement 62462

Facility: 08932 H Q HEATH SELF SERV 2
FELTZAL
PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
A PLAN PREPARATION						
		1	SITE SPECIFIC WORK PLAN	1.0000	$160.050	160.05
D MOB/DEMOB						
		2	PERSONNEL	4.0000	$451.340	1,805.36
J SAMPLE COLLECTION						
		1	GROUND WATER PURGE	10.0000	$64.020	640.20
		3	WATER SUPPLY SAMPLE/ DUPLICATE	4.0000	$23.470	93.88
		4	GROUNDWATER NO-PURGE/DUPL/GRAB	45.0000	$29.880	1,344.60
		8	FIELD BLANK	2.0000	$26.250	52.50
K ANALYSES						
	DW DRINKING WATER	14	BTEXNM+1,2 DCA (524.2) WSW	6.0000	$132.360	794.16
		15	OXYGENATES & ETHANOL 8260B WSW	6.0000	$97.900	587.40
		16	EDB (504.1) WSW	5.0000	$84.830	424.15
	GW GROUNDWATER	1	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	59.0000	$130.170	7,680.03
		7	EDB BY EPA 8011	56.0000	$48.230	2,700.88
Q DISPOSAL						
		1	WASTEWATER	500.0000	$0.600	300.00
S REPORT PROJECT MANAGEMENT						
		S	REPORT PREP & PROJ. MANAGEMENT	0.1200	$16,583.210	1,989.99
				Total Amount		18,573.20

Document Receipt Information

☒ Hard Copy ■ CD ☐ Email

Date Received 11-5-20

Permit Number 08932

Project Manager Amanda Felty

Name of Contractor MECI

UST Certification Number _____

Docket Number 11Tech

Scanned _____

GWS / Chemical Analyses

REPORT OF GROUNDWATER SAMPLING & CHEMICAL ANALYSES

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932
CA # 62462

Prepared By:

Midlands
Environmental
Consultants, Inc.
231 Dooley Road, Lexington, SC 29073
(803) 808-2043 fax: 808-2048

October 15, 2020

MECI Project No. 20-7412

Midlands Environmental Consultants, Inc.

October 15, 2020

Ms. Amanda Feltz, Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Subject: Report of Groundwater Sampling & Chemical Analyses
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID# 08932, CA# 62462
MECI Project Number 20-7412
Certified Site Rehabilitation Contractor UCC-0009

Dear Ms. Feltz,

On behalf of Coca Cola Bottling Company Consolidated, Midlands Environmental Consultants Inc. (MECI) is pleased to submit the attached Report of Groundwater Sampling & Chemical Analyses for the referenced site. This report describes assessment activities conducted at the site and results of those activities in general accordance with South Carolina Department of Health and Environmental Control (SCDHEC) guidelines, including adherence to the UST Division Programmatic Quality Assurance Program Plan (QAPP).

Midlands Environmental appreciates the opportunity to offer our professional environmental services to you on this project. Please feel free to contact us at 803-808-2043 if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.

Jeff L. Coleman
Senior Scientist

Bryan T. Shane, P.G.
Principal Geologist

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

TABLE OF CONTENTS

1.0 INTRODUCTION **1**

1.1 PROJECT INFORMATION 1

2.0 SURROUNDING PROPERTY USAGE **3**

3.0 AREA GEOLOGY AND HYDROGEOLOGY **4**

3.1 LOCAL SUBSURFACE CONDITIONS 5

4.0 FIELD EXPLORATION **5**

4.1 SAMPLING AND CHEMICAL ANALYSES 6

5.0 TEST RESULTS AND EVALUATION **8**

5.1 ANALYTICAL RESULTS 8

6.0 ASSESSMENT SUMMARY & RECOMMENDATIONS **9**

7.0 QUALIFICATIONS OF REPORT **10**

TABLE OF CONTENTS (cont.)

TABLES:

**Table 1 – SOIL ANALYTICAL COC CONCENTRATION DATA
Table 2 – POTENTIOMETRIC DATA
Table 3 – GROUNDWATER COC CONCENTRATION DATA
**Table 4 – AQUIFER CHARACTERISTICS
**Table 5 – SITE CONCEPTUAL MODEL

FIGURES:

Figure 1 – TOPOGRAPHIC MAP
Figure 2 – SITE BASE MAP
**Figure 3 – SOIL COC SITE MAP
Figure 4 – GROUNDWATER COC SITE MAP (Benzene Isopleth)
Figure 4A – GROUNDWATER COC SITE MAP (Naphthalene Isopleth)
Figure 4B – GROUNDWATER COC SITE MAP (EDB Isopleth)
Figure 4C – GROUNDWATER COC SITE MAP (Oxygenates)
Figure 5 – POTENTIOMETRIC DATA SITE MAP (Groundwater Contour- "Shallow" Zone)
Figure 5A – POTENTIOMETRIC DATA SITE MAP (Groundwater Contour- "Deep" Zone)
**Figure 6 – GEOLOGIC CROSS SECTIONS

**APPENDIX A – SITE SURVEY
APPENDIX B – SAMPLING LOGS, LABORATORY DATA SHEETS AND CHAIN OF CUSTODY FORMS
**APPENDIX C – TAX MAP DATA
**APPENDIX D – SOIL BORING/FIELD SCREENING LOGS & 1903 FORMS
**APPENDIX E – WELL LOGS & 1903 FORMS
**APPENDIX F – AQUIFER EVALUATION SUMMARY FORMS, DATA, GRAPHS, EQUATIONS
APPENDIX G – DISPOSAL MANIFESTS
**APPENDIX H – LOCAL ZONING REGULATIONS
**APPENDIX I – FATE & TRANSPORT MODELING
**APPENDIX J – ACCESS AGREEMENTS
APPENDIX K – DATA VERIFICATION CHECKLIST

NOTE: ITEMS LISTED WITH AN ** BESIDE IT WERE NOT NEEDED AS A PART OF THIS SCOPE OF WORK

1.0 INTRODUCTION

A. **Owner/Operator Information**

Facility Name:	HQ Heath Self Serve #2 UST Permit #: 08932
Facility Address:	100 Lafayette Drive, Sumter, South Carolina
Name:	Coca-Cola Bottling Company Consolidated
Address:	4115 Coca-Cola Plaza, Charlotte, NC 28211
Telephone #:	(704) 557-4023 (Mr. Doug Leonard)

B. **Property Owner Information**

Name	JJ & P Properties, LLC.
Tax Map #:	Sumter County Tax Map #: 2291603037
Address	206 Tucson Drive, Sumter, SC 29150
Telephone #	Contact: (803) 934-6750 (Mr. John M. Sutton, Jr.)

C. **Contractor Information**

Name:	Midlands Environmental Consultants, Inc.
Certification #:	009
Address:	P. O. Box 854, Lexington, SC 29071
Telephone #:	(803) 808-2043

D. **SCDHEC Certified Well Driller**

Name:	N/A
Driller:	N/A
Certification #:	N/A
Address:	N/A
Telephone #:	N/A

E. **SCDHEC Certified Laboratory**

Name:	Pace Analytical Services, LLC.
Certification #:	99006001
Address:	9800 Kincey Ave. Suite 100, Huntersville, NC 28078
Telephone #:	(704) 875-9092

1.1 PROJECT INFORMATION

The subject site (HQ Heath Self Serve #2) is located at the intersection of 501 North Guignard Drive in Sumter, Sumter County, South Carolina (See Figure 1). The site is currently operated by an active gasoline service station (Corner Pantry 137/UST# 18327) which operates four active underground storage tanks (UST's). The following table presents Underground Storage Tanks (UST's) which are associated with UST # 08932:

Tank #	Capacity/Product	In Use/Abandoned	Tank Status
1	10,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)
2	6,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)
3	3,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)
4	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
5	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
6	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
7	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
8	3,000 Gal. Multi-Hydrocarbons	Abandoned	Removed (Unknown)
9	3,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)

Tank #	Capacity/Product	In Use/Abandoned	Tank Status
10	1,000 Gal. Naphtha/Mineral Spirits/Stoddard	Abandoned	Pre-1974 & Empty
11	550 Gal. Waste Oil	Abandoned	Removed (5/11/1999)

Two separate releases of petroleum product have been reported to the South Carolina Department of Health and Environmental Control (SCDHEC). Release #1 was reported in July of 1996 and confirmed in August of 1996. Release #2 was reported and confirmed in October of 1999. Release #2 was issued "no further action" status in December of 1999. Release #1 remains active and has been ranked a Class 2BB, due to the presence of a water supply wells being located less than 1,000 feet from the site.

The following table presents previous site activities performed at the site:

Date	Assessment Type	Notes:
May, 1998	Initial Groundwater Assessment (IGWA)	Completed by Kleen Sites Geoservices (KSG) of West Columbia, SC. This assessment included the installation of one groundwater monitoring well (MW-1) and collection of soil and groundwater samples. Analytical results from both the soil and groundwater collected from MW-1 indicated petroleum impact above risk-based screening levels (RBSL's).
December, 1998	Standard Limited Assessment (Tier I)	A Standard Limited Assessment (SLA) was performed at the site by KSG and included the installation of three additional groundwater monitoring wells (MW-2, MW-3, MW-4). Based on the results of the SLA, SCDHEC directed a Rapid Assessment be performed to define the horizontal and vertically extent of the contaminant plume.
November, 1999	Initial Rapid Assessment (Tier II)	An initial Rapid Assessment was completed by KSG in November of 1999 and included the installation of twelve additional monitoring wells (MW-5i, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15 and MW-16).
December, 2000	Rapid Assessment Addendum #1	To better define the vertical extent of the contaminant plume an addendum to the Rapid Assessment report was submitted to SCDHEC in December of 2000 outlining the installation of four additional groundwater monitoring wells (MW-17, MW-18, MW-19 and MW-20).
September, 2001	Rapid Assessment Addendum #2	In September of 2001, a secondary addendum to the Rapid Assessment was completed by KSG. The secondary addendum report outlined additional field screening conducted at the site and the installation of four additional monitoring wells (MW-21, MW-22, MW-23 and MW-24).
July, 2003	Rapid Assessment Addendum #3	In July of 2003, a third and final addendum to the Rapid Assessment was completed by Emerald, Inc. This final addendum report outlined additional field screening conducted at the site and the installation of three additional monitoring wells (MW-25, MW-26 and MW-27).
2004-2009	Active Corrective Action	From 2004 to 2009, remediation efforts were conducted at the site by Consultech Environmental, LLC. Remediation efforts appear to have included the installation of twelve groundwater recovery wells (TFR-1, TFR-2, TFR-3, TFR-4, TFR-5, TFR-6, TFR-7, TFR-8, TFR-9, TFR-10, TFR-11 and TFR-12) and pump and treat techniques. Remediation efforts failed to clean the site to Site Specific Target Levels (SSTL's) and remediation efforts appear to have halted in 2009.

Date	Assessment Type	Notes:
April, 2010	Monitoring Well Installation	In April of 2010, MECI submitted an additional assessment report to SCDHEC outlining the installation of four groundwater monitoring wells (MW-1R, MW-11R, MW-17R and MW-28).
August, 2011	Monitoring Well Abandonment	Due to redevelopment of a Hardee's Restaurant located within the contaminant plume emanating from the subject site, wells MW-9, MW-10, TFR-5, TFR-7 and TFR-8 were abandoned in August of 2011.
April, 2011	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
August, 2013	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
January, 2015	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
February, 2016	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
June, 2018	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
February, 2020	Monitoring Well Installation	In February of 2020, MECI submitted an additional assessment report to SCDHEC outlining the installation of four groundwater monitoring wells (MW-4R, MW-4D, MW-13i, MW-13D, MW-16i, MW-16D, MW-29, MW-29i, MW-29D, MW-30, MW-31, MW-32, MW-33, MW-34, MW-35). In addition to the well installation, a comprehensive groundwater sampling event was also completed.
In addition to the above referenced groundwater sampling events, numerous Aggressive Fluid and Vapor Recovery (AFVR) events has been performed at the site in order to remove free phase petroleum product.		

The above project information is based on MECI field notes and SCDHEC files. Further information pertaining to the site may be accessed through SCDHEC's Freedom of Information Office.

2.0 SURROUNDING PROPERTY USAGE

The site is located in a commercial area within the city limits of Sumter, South Carolina. North Guignard Drive (U.S. Highway 521) forms the western property boundary, beyond which is Central Carolina Technical College. Miller Road forms the southern property boundary beyond which is a bank, Hardee's Restaurant and Palmetto Plaza. It should be noted that a release of petroleum product has been reported to SCDHEC from the Palmetto Plaza property under UST# 12575. East of the site a church and north of the site are commercial properties.

Potential receptors surrounding the site include; ten water supply wells and two surface water locales. The following matrix contains well status, owner(s), and tax map identification numbers:

ID#	Well Owner	Sumter County Tax Map Number:	Address:
WSW-1	Lyde & Bertha McCaskill	2280104003	433 N. Guignard Drive
WSW-2	Lee & Patricia Holloway	2280103007	311 Lindley Avenue
WSW-3	Betty Elmore	2280101035	224 Lesesne Drive
WSW-4	William & Erline Cromer	2280802076	136 Tucson Street
WSW-5	Carolyn Elliott	2280101025	215 Lesesne Drive
WSW-6	Ronal & Sonia Spivey	2280101020	201 Lesesne Drive
WSW-7	Marilyn Weathersbee	2280103016	21 Adams Avenue
WSW-8	C&M Properties	2280103022	444 N. Guignard Drive
WSW-9	Eliza Lewis	2280103016	201 Tucson Street
WSW-10	Elijah & Essine Johnson	2280103008	111 Burns Drive
Stream	N/A	Shot Pouch Branch	See Map
Pond	David & Leanne Lovice	2280201008	14 Crowson Street

3.0 AREA GEOLOGY AND HYDROGEOLOGY

The mean elevation of the property as depicted on the local USGS quadrangle (Sumter East, SC) appears to be between 180 feet above sea level. The site is located in the Coastal Plain Physiographic Province, which is generally comprised of Upper Cretaceous to present aged, wedge shaped formations that begin at the "Fall Line" and dip towards the Atlantic Ocean with ground surface elevations typically less than 300 feet. The sedimentary soils of these formations consist of unconsolidated sand, clay, gravel, marl, cemented sands, and limestone that were deposited unconformably over Mesozoic/Paleozoic age basement rock consisting of granite, schist, and gneiss similar to the rocks of the Piedmont Physiographic Province. The thickness of the Coastal Plain sediments varies from zero at the "Fall Line" to more than 4,000 feet at the southern tip of South Carolina near Hilton Head Island.

The Coastal Plain province was formed during Quaternary, Tertiary, and late Cretaceous geologic periods and can be divided generally into three subunits: Upper Coastal Plain, Middle Coastal Plain, and Lower Coastal Plain. The Lower Coastal Plain comprises approximately one-half of the entire Atlantic Coastal Plain of South Carolina and is separated from the middle coastal plain by the Surry Scarp, a seaward facing scarp with a toe elevation of 90 to 100 feet. The Middle Coastal Plain and the Upper Coastal Plain each compose approximately one fourth of the Coastal Plain area and are separated by the Orangeburg Scarp, a seaward facing scarp with a toe elevation of 250 to 270 feet.

The Lower Coastal Plain is typically identified as the area east of the Surry Scarp below elevation 100 feet, with a vertical stratigraphic sequence overlying the basement rock consisting of unconsolidated Cretaceous, Tertiary, and Quaternary sedimentary deposits. The surface deposits of the Lower Coastal Plain were formed during the Quaternary period which was characterized by the formation of the Carolina Bays and scarps throughout the east coast due to sea level rise and fall, the formation of the barrier islands, and the formation of flood plains from major rivers. Preceding the Quaternary period, limestone was deposited in the Lower Coastal Plain.

The Middle Coastal Plain is typically identified as the area between the Orangeburg Scarp and the Surry Scarp and falls between elevation 100 feet and 270 feet. The vertical stratigraphic

sequence overlying the basement rock consists of unconsolidated Cretaceous and Tertiary sedimentary deposits formed as a result of scouring from the regressive cycles of the Ocean as it retreated. During the Eocene epoch of the Tertiary period, limestone was deposited in the Middle Coastal Plain.

The Upper Coastal Plain is typically identified as the area between the "Fall Line" and the Orangeburg Scarp and falls between elevations 270 feet and 300 feet. The Upper Coastal Plain was formed during the Tertiary and late Cretaceous periods and is marked by the formation of the Sandhills dunes as a result of fluvial deposits over the Coastal Plain consisting of marine sediments, limestone, and sand.

3.1 LOCAL SUBSURFACE CONDITIONS

The subject site is located in the Middle Coastal Plain. According to Newell et al. (In Review), the site is located within the Duplin Formation, a Pliocene aged unit. The Duplin Formation is characterized as a secondary unit consisting of sands, sandy and silty clays and very shelly sands which frequently overlie a phosphatic basal conglomerate.

Coastal plain sediments were encountered during drilling activities conducted at the site. A generalized vertical profile to the investigated depth of 60' feet below ground surface (BGS) is as follows:

Depth (Feet BGS)	Generalized Soil Description
0.0'-15.0'	Brown/Red, Silty Fine SAND
15.0'-25.0'	Brown, Fine to Medium SAND
25.0'-50.0'	Tan, Silty Fine SAND
50.0'-55.0'	Tan, Medium to Coarse SANDS
55.0'-60.0'	Blue, Fine Sandy SILT

On October 6, 2020, stabilized groundwater levels were measured in the monitoring wells. Depth to groundwater ranged from 0.00 to 15.12 feet below top of casing in the wells measured. The groundwater measurements are summarized in tabular form in Table 2 and on Figure 5. Groundwater levels may fluctuate several feet with seasonal and rainfall variations and with change in the water level of adjacent drainage features. Normally, the highest groundwater levels occur in late winter and spring. The lowest levels occur in late summer and fall.

Locally, in the surficial aquifer, groundwater discharges into streams, lakes or springs where the groundwater table intersects lows occupied by these water bodies. The apparent direction (based on hydraulic gradient) of groundwater flow from the release is to southeast toward the Shot Pouch Branch.

4.0 FIELD EXPLORATION

Field exploration conducted at the site included:

- sampling of the monitoring well network and nearby receptors; and,
- chemical analyses of water samples.

4.1 SAMPLING AND CHEMICAL ANALYSES

On October 6, 2020, MECI personnel collected groundwater samples from forty-six (46) monitoring wells, six (6) surface water locations and three (3) water supply wells at the subject site. One (1) monitoring well (TFR-12) was gauged and determined to contain 0.65' feet of measurable free phase petroleum product. As discussed in section 1.1, monitoring wells MW-9, MW-10, TFR-5, TFR-7 and TFR-8 have been previously abandoned at the site. In addition, monitoring wells MW-21 and MW-24 were unable to be located during sampling activities. As directed by SCDHEC, only monitoring wells which did not bracket the watertable were to be purged prior to sample collection. Twenty-six (26) monitoring wells were purged prior to sampling.

Prior to sampling, MECI personnel utilized an electronic water level indicator for water level measurements and an oil/water interface probe for free phase petroleum product level measurements. Where applicable, purging was completed by bailing at least five well volumes of water from the well, or until all water was evacuated from the well, whichever occurred first. Sampling/purging was completed utilizing a prepackaged, clear, disposable polyethylene bailer and nylon rope. A new set of nitrile gloves were worn at each monitoring well, and at all time samples were handled. Field measurements of pH, conductivity, dissolved oxygen, and water temperature were obtained before well sampling process. MECI utilized YSIPro20 meter for DO (mg/L) and temperature readings (°C) and YSI Pro 1030 meters for pH and conductivity (uS) readings and a MicroTPI turbidimeter for turbidity readings (NTU). The attached Field Data Information Sheets presents the results of the field measurements obtained. The wells were sampled in accordance with the most recent revision of SCDHEC's Quality Assurance Program Plan for the Underground Storage Tank Management Division and the most recent revision of MECI's Standard Operating Procedures.

Groundwater samples obtained were sent to Pace Analytical Services, Inc. of Huntersville, NC (SCDHEC Laboratory Certification #99006001) for analysis.

The following sampling matrix contains well development and requested analyses for each well:

Sample ID	Purge	No Purge	Gauge Only	Abandoned	Not Sampled	Not Located	BTEX, Naphthalene, MTBE (EPA Method 8260-B)	EDB (EPA Method 8011)	1,2 DCA (EPA Method 8260-B)	8 Oxygenates (EPA Method 8260-B)	Total Lead (EPA Method 6010)	BTEX, Naphthalene, MTBE, 1,2 DCA (EPA Method 524.2)	EDB (EPA Method 504.1)
							Analyte Sampled						
MW-1R	X						X	X	X	X			
MW-2	X						X	X	X	X			
MW-3		X					X	X	X	X			
MW-4R		X					X	X	X	X			
MW-4D	X						X	X	X	X			
MW-5i	X						X	X	X	X			
MW-6		X					X	X	X	X			
MW-7		X					X	X	X	X			
MW-8		X					X	X	X	X			
MW-9				X									
MW-10				X									

Notes: BTEX = Benzene, Toluene, Ethylbenzene, & Total Xylenes
MTBE=Methyl tertiary butyl ether
1,2 DCA = 1,2 Dicloroethane
EDB = Ethylene Dibromide

Sample ID	Purge	No Purge	Gauge Only	Abandoned	Not Sampled	Not Located	BTEX, Naphthalene, MTBE (EPA Method 8260-B)	EDB (EPA Method 8011)	1,2 DCA (EPA Method 8260-B)	8 Oxygenates (EPA Method 8260-B)	Total Lead (EPA Method 6010)	BTEX, Naphthalene, MTBE, 1,2 DCA (EPA Method 524.2)	EDB (EPA Method 504.1)
							Analyte Sampled						
MW-11R	X						X	X	X	X			
MW-12		X					X	X	X	X			
MW-13		X					X	X	X	X			
MW-13i	X						X	X	X	X			
MW-13D	X						X	X	X	X			
MW-14		X					X	X	X	X			
MW-15		X					X	X	X	X			
MW-16		X					X	X	X	X			
MW-16i	X						X	X	X	X			
MW-16D	X						X	X	X	X			
MW-17R	X						X	X	X	X			
MW-18		X					X	X	X	X			
MW-19	X						X	X	X	X			
MW-20	X						X	X	X	X			
MW-21						X							
MW-22	X						X	X	X	X			
MW-23	X						X	X	X	X			
MW-24						X							
MW-25		X					X	X	X	X			
MW-26	X						X	X	X	X			
MW-27	X						X	X	X	X			
MW-28	X						X	X	X	X			
MW-29		X					X	X	X	X			
MW-29i	X						X	X	X	X			
MW-29D	X						X	X	X	X			
MW-30		X					X	X	X	X			
MW-31		X					X	X	X	X			
MW-32		X					X	X	X	X			
MW-33		X					X	X	X	X			
MW-34		X					X	X	X	X			
MW-35		X					X	X	X	X			
TFR-1	X						X	X	X	X			
TFR-2		X					X	X	X	X			
TFR-3	X						X	X	X	X			
TFR-4	X						X	X	X	X			
TFR-5				X									
TFR-6	X						X	X	X	X			
TFR-7				X									
TFR-8				X									
TFR-9	X						X	X	X	X			
TFR-10	X						X	X	X	X			
TFR-11	X						X	X	X	X			
TFR-12			X										
SW-1		X					X	X	X	X			
SW-2		X					X	X	X	X			
SW-3		X					X	X	X	X			

Notes: BTEX = Benzene, Toluene, Ethylbenzene, & Total Xylenes
MTBE=Methyl tertiary butyl ether
1,2 DCA = 1,2 Dicloroethane
EDB = Ethylene Dibromide

Sample ID	Purge	No Purge	Gauge Only	Abandoned	Not Sampled	Not Located	BTEX, Naphthalene, MTBE (EPA Method 8260-B)	EDB (EPA Method 8011)	1,2 DCA (EPA Method 8260-B)	8 Oxygenates (EPA Method 8260-B)	Total Lead (EPA Method 6010)	BTEX, Naphthalene, MTBE, 1,2 DCA (EPA Method 524.2)	EDB (EPA Method 504.1)
							Analyte Sampled						
SW-4		X					X	X	X	X			
SW-5		X					X	X	X	X			
SW-6		X					X	X	X	X			
DUP-1(MW-19)		X					X	X	X	X			
DUP-2(MW-33)		X					X	X	X	X			
DUP-3(TFR-9)		X					X	X	X	X			
Field Blank							X	X	X	X			
Trip Blank 1							X		X	X			
Trip Blank 2							X		X	X			
WSW-3										X		X	X
WSW-5										X		X	X
WSW-6										X		X	X
DUP. (WSW-5)		X								X		X	X
Field Blank										X		X	X
Trip Blank										X		X	

Notes: BTEX = Benzene, Toluene, Ethylbenzene, & Total Xylenes
MTBE=Methyl tertiary butyl ether
1,2 DCA = 1,2 Dicloroethane
EDB = Ethylene Dibromide

Purge water produced by the purging process was treated on-site utilizing a granular activated carbon unit. A total of 562.50 gallons of purge water was disposed of in this manner. A disposal manifest for the referenced purge water is presented in Appendix G.

The results of the laboratory analyses are summarized in Table 3 and presented in Appendix B.

5.0 TEST RESULTS AND EVALUATION

The following sections discuss groundwater test results for the subject site.

5.1 ANALYTICAL RESULTS

As discussed in Section 4.1, groundwater samples obtained from the monitoring wells during the October 6, 2020 comprehensive groundwater sampling event were analyzed for dissolved phase petroleum constituents. Free phase petroleum product was detected in TFR-12 at a thickness of 0.65' feet during sampling activities and samples were not collected beneath the light non-aqueous layer. The analytical results indicate petroleum impact to the surficial aquifer, with the highest dissolved concentrations being detected in the areas of MW-29, MW-33 and TFR-11. Of the fifty-five sampling points sampled, twenty-five monitoring wells (MW-1R, MW-4R, MW-5i, MW-7, MW-8, MW-12, MW-16i, MW-17R, MW-19, MW-20, MW-29, MW-29i, MW-30, MW-32, MW-33, MW-34, MW-35, TFR-1, TFR-2, TFR-3, TFR-4, TFR-6, TFR-9, TFR-10 and TFR-11) detected petroleum constituents above Risked Based Screening Levels (RBSL's). Petroleum constituents detected above the established RBSL include:

Compound	*RBSL (ug/l)*	*Wells Above RBSL*
Product	0.01'	TFR-12
Benzene	5	MW1R, MW4R, MW-5i, MW7, MW8, MW12, MW17R, MW19, MW20, MW29, MW29i, MW30, MW32, MW33, MW34, MW35, TFR1, TFR2, TFR3, TFR4, TFR6, TFR9, TFR-10, TFR11
Toluene	1,000	MW1R, MW4R, MW7, MW8, MW12, MW29, MW30, MW32, MW33, MW34, MW35, TFR1, TFR3, TFR4, TFR6, TFR9, TFR10, TFR11
Ethylbenzene	700	MW1R, MW4R, MW7, MW8, MW12, MW29, MW30, MW32, MW33, MW34, MW35, TFR1, TFR6, TFR9, TFR10, TFR11
Total Xylenes	10,000	MW1R, MW7, MW8, MW12, MW29, MW30, MW32, MW33, MW34, MW35, TFR6, TFR9, TFR10, TFR11
Naphthalene	25	MW1R, MW4R, MW7, MW8, MW12, MW19, MW29i, MW30, MW32, MW34, MW35, TFR1, TFR3, TFR4, TFR6, TFR11
MTBE	40	MW19, MW29i, TFR4
1,2 DCA	5	MW-17R, MW20, TFR9, TFR11
EDB	0.05	MW1R, MW4R, MW7, MW8, MW29, MW29i, MW30, MW32, MW33, MW34, MW35, TFR1, TFR3, TFR4, TFR6, TFR9, TFR-10, TFR11
TAA	240	MW16i, MW17R, MW19, MW20, MW35, TFR9, TFR10, TFR11
TAME	128	N/A
ETBA	NE	RBSL Not Established
TBA	1,400	N/A
TBF	NE	RBSL Not Established
DIPE	150	N/A
Ethanol	10,000	N/A
ETBE	47	N/A

The analytical results also detected petroleum constituents above the laboratory method detection limits and/or "J" values in monitoring wells MW2, MW14D, SW1, SW2, SW3 and SW4; however, the concentrations detected did not exceed the RBSL. In addition, analytical results from samples obtained from the nearby water supply wells did not indicate petroleum impact. The results of the analyses for each monitoring well and specific parameters are listed on Table 3 and provided in Appendix B.

The results of the analyses for each monitoring well and specific parameters are listed on Table 3 and provided in Appendix B.

6.0 ASSESSMENT SUMMARY & RECOMMENDATIONS

- Free phase petroleum product was detected in TFR-12 at a thickness of 0.65' feet during sampling activities.

- Forty-six monitoring wells, six surface water locations and three water supply wells were sampled on October 6, 2020. Petroleum compounds were detected above RBSL's in groundwater wells MW-1R, MW-4R, MW-5i, MW-7, MW-8, MW-12, MW-16i, MW-17R, MW-19, MW-20, MW-29, MW-29i, MW-30, MW-32, MW-33, MW-34, MW-35, TFR-1, TFR-2, TFR-3, TFR-4, TFR-6, TFR-9, TFR-10 and TFR-11. Compounds above the established RBSL's include Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene, MTBE, 1,2 DCA, EDB and TAA.

- Groundwater flow is primarily to the southeast toward the Shot Pouch Branch. Vertical flow gradient is downward in the area of the four well clusters.

- The plume emanating from the subject site appears to be relatively defined based on results of the October 6, 2020 sampling event.

- Upon review of current and historical chemicals of concern (CoC) data, our findings indicate that CoC concentrations have generally remained constant with a slight increase overall. Increased values are most likely the result of an upward fluctuation of the surficial aquifer.

- MECI recommends the site be remodeled and new site-specific target levels (SSTL's) be generated.

- Considering the immense size of the contaminant plume, the historic presence of free phase petroleum plume covering a large area and sensitive habitats being located down gradient of the site, active corrective action efforts appear to be necessary.

- Prior to the initiation of corrective efforts, MECI recommends repairing all wells labeled "TFR" as they are currently in poor condition. Additionally, monitoring wells MW-22, MW-23, MW-24 and MW-27 should also be repaired and they appear to have been damaged during construction activities completed following the historic flood which occurred in South Carolina in 2015.

- If SCDHEC feels the recommendation of active correction action is untimely, MECI would further recommend Aggressive Fluid Vapor Recovery Events be performed at the site to stem the spread of the contaminant plume and remove free phase petroleum product.

7.0 QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assessment are consistent with those normally employed in hydrogeological assessment and waste management projects of this type. Our evaluation of site conditions has been based on our understanding of the site, project information provided to us, and data obtained in our exploration. The general subsurface conditions utilized in our evaluation have been based on interpretation of subsurface data between borings. Contents of this report are intended for the sole use of Coca-Cola Bottling Company Consolidated, MECI, and SCDHEC under mutually agreed upon terms and conditions. If other parties wish to rely on this report please contact MECI prior to their use of this information so that a mutual understanding and agreement of the terms and conditions of our services can be established.

-oOo-

TABLES

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-1	12/28/1998	12-22	---	17.15	---	N/A	N/A
	8/18/1999		12.66	12.76	0.10	N/A	N/A
	11/1/2000		12.77	12.79	0.02	N/A	N/A
	8/21/2001		---	NL	---	N/A	NL
	8/17/2002		---	NL	---	N/A	NL
	7/17/2003		---	NL	---	N/A	NL
	2/21/2004		---	NL	---	N/A	NL
	10/20/2004		---	NL	---	N/A	NL
	8/22/2005		---	NL	---	N/A	NL
	11/28/2005		---	NL	---	N/A	NL
	3/9/2006		---	NL	---	N/A	NL
	6/29/2006		---	NL	---	N/A	NL
	6/22/2007		---	NL	---	N/A	NL
	10/1/2008		---	NL	---	N/A	NL
	4/2/2009		---	NL	---	N/A	NL
MW-1R	3/17/2010	13-23	---	16.51	---	171.85	155.34
	9/2/2010		---	16.70	---	171.85	155.15
	4/21/2011		---	17.30	---	171.85	154.55
	8/1/2013		---	17.30	---	171.85	154.55
	1/20/2015		---	17.91	---	171.85	153.94
	2/9/2016		---	16.11	---	171.85	155.74
	6/1/2018		---	16.22	---	171.85	155.63
	1/24/2020		---	15.48	---	171.85	156.37
	10/6/2020		---	12.94	---	171.85	158.91
MW-2	12/28/1998	14-24	---	16.57	---	171.75	155.18
	8/18/1999		---	Destroyed	---	171.75	Destroyed
	11/1/2000		---	Destroyed	---	171.75	Destroyed
	8/21/2001		---	Destroyed	---	171.75	Destroyed
	8/17/2002		---	20.10	---	171.75	151.65
	7/17/2003		---	17.12	---	171.75	154.63
	2/21/2004		---	17.77	---	171.75	153.98
	10/20/2004		---	17.50	---	171.75	154.25
	8/22/2005		---	17.03	---	171.75	154.72
	11/28/2005		---	17.51	---	171.75	154.24
	3/9/2006		---	16.85	---	171.75	154.90
	6/29/2006		---	17.83	---	171.75	153.92
	6/22/2007		---	18.31	---	171.75	153.44
	10/1/2008		---	18.77	---	171.75	152.98
	4/2/2009		---	17.61	---	171.75	154.14
	11/12/2009		---	18.06	---	171.75	153.69
	9/2/2010		---	16.59	---	171.75	155.16
	4/21/2011		---	17.22	---	171.75	154.53
	8/1/2013		---	16.61	---	171.75	155.14
	1/20/2015		---	17.73	---	171.75	154.02
	2/9/2016		---	14.94	---	171.75	156.81
	6/1/2018		---	16.10	---	171.75	155.65
	1/24/2020		---	15.32	---	171.75	156.43
	10/6/2020		---	12.80	---	171.75	158.95
MW-3	12/28/1998	14-24	---	18.28	---	173.70	155.42
	8/18/1999		---	18.81	---	173.70	154.89
	11/1/2000		---	20.51	---	173.70	153.19
	8/21/2001		---	21.10	---	173.70	152.60
	8/17/2002		---	21.79	---	173.70	151.91
	7/17/2003		---	18.83	---	173.70	154.87
	2/21/2004		---	19.60	---	173.70	154.10
	10/20/2004		---	19.25	---	173.70	154.45
	8/22/2005		---	18.87	---	173.70	154.83
	11/28/2005		---	19.13	---	173.70	154.57
	3/9/2006		---	19.84	---	173.70	153.86
	6/29/2006		---	17.89	---	173.70	155.81
	6/22/2007		---	NM	---	173.70	NM
	10/1/2008		---	NM	---	173.70	NM
	4/2/2009		---	NM	---	173.70	NM
	11/12/2009		---	18.57	---	173.70	155.13
	9/2/2010		---	18.32	---	173.70	155.38
	4/21/2011		---	19.15	---	173.70	154.55
	8/1/2013		---	17.93	---	173.70	155.77
	1/20/2015		---	19.55	---	173.70	154.15
	2/9/2016		---	16.62	---	173.70	157.08
	6/1/2018		---	7.85	---	173.70	165.85
	1/24/2020		---	17.08	---	173.70	156.62
	10/6/2020		---	14.50	---	173.70	159.20

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-4	12/28/1998*	14-24	15.89	16.14	0.25	171.17	155.24
	8/18/1999*		16.57	17.85	1.28	171.17	154.41
	11/1/2000*		17.80	20.11	2.31	171.17	153.02
	8/16/2001*		17.55	19.27	1.72	171.17	153.36
	8/17/2002*		19.47	20.80	1.33	171.17	151.50
	7/17/2003*		16.40	16.70	0.30	171.17	154.73
	2/21/2004*		17.27	17.68	0.41	171.17	153.84
	10/20/2004*		16.93	17.05	0.12	171.17	154.22
	8/22/2005		---	16.73	---	171.17	154.44
	11/28/2005		---	17.18	---	171.17	153.99
	3/9/2006		---	16.99	---	171.17	154.18
	6/29/2006		---	17.54	---	171.17	153.63
	6/22/2007		---	17.74	---	171.17	153.43
	10/1/2008		---	18.04	---	171.17	153.13
	4/2/2009		---	NM	---	171.17	NM
	11/12/2009		---	14.55	---	171.17	156.62
	9/2/2010		---	14.33	---	171.17	156.84
	4/21/2011		---	16.58	---	171.17	154.59
	8/1/2013		---	Obstructed	---	171.17	Obstructed
	1/20/2015		---	Obstructed	---	171.17	Obstructed
	2/9/2016		---	12.52	---	171.17	158.65
	6/1/2018		---	Obstructed	---	171.17	Obstructed
MW-4R	1/24/2020	12-22	---	14.77	---	171.22	156.45
	10/6/2020		---	12.22	---	171.22	159.00
MW-4D	1/24/2020	52-57	---	15.37	---	171.17	155.80
	10/6/2020		---	13.51	---	171.17	157.66
MW-5i	8/19/1999	40-45	---	17.12	---	171.15	154.03
	11/1/2000		---	19.21	---	171.15	151.94
	8/21/2001		---	19.01	---	171.15	152.14
	8/17/2002		---	21.18	---	171.15	149.97
	7/17/2003		---	17.45	---	171.15	153.70
	2/21/2004		---	17.79	---	171.15	153.36
	10/20/2004		---	17.53	---	171.15	153.62
	8/22/2005		---	17.17	---	171.15	153.98
	11/28/2005		---	17.66	---	171.15	153.49
	3/9/2006		---	17.11	---	171.15	154.04
	6/29/2006		---	18.15	---	171.15	153.00
	6/22/2007		---	18.53	---	171.15	152.62
	10/1/2008		---	18.46	---	171.15	152.69
	4/2/2009		---	17.24	---	171.15	153.91
	11/12/2009		---	17.96	---	171.15	153.19
	9/2/2010		---	16.65	---	171.15	154.50
	4/21/2011		---	17.08	---	171.15	154.07
	8/1/2013		---	16.95	---	171.15	154.20
	1/20/2015		---	17.48	---	171.15	153.67
	2/9/2016		---	14.35	---	171.15	156.80
	6/1/2018		---	16.00	---	171.15	155.15
	1/24/2020		---	15.04	---	171.15	156.11
	10/6/2020		---	12.59	---	171.15	158.56
MW-6	8/18/1999	12-22	---	17.66	---	171.25	153.59
	11/1/2000		---	18.30	---	171.25	152.95
	8/16/2001		---	17.90	---	171.25	153.35
	8/17/2002		---	19.75	---	171.25	151.50
	7/17/2003		---	16.74	---	171.25	154.51
	2/21/2004		---	17.33	---	171.25	153.92
	10/20/2004		---	16.76	---	171.25	154.49
	8/22/2005		---	16.42	---	171.25	154.83
	11/28/2005		---	16.81	---	171.25	154.44
	3/9/2006		---	17.56	---	171.25	153.69
	6/29/2006		---	18.51	---	171.25	152.74
	6/22/2007		---	17.55	---	171.25	153.70
	10/1/2008		---	17.92	---	171.25	153.33
	4/2/2009		---	14.73	---	171.25	156.52
	11/12/2009		---	15.60	---	171.25	155.65
	9/2/2010		---	15.74	---	171.25	155.51
	4/21/2011		---	16.40	---	171.25	154.85
	8/1/2013		---	16.87	---	171.25	154.38
	1/20/2015		---	Obstructed	---	171.25	Obstructed
	2/9/2016		---	14.09	---	171.25	157.16
	6/1/2018		---	15.34	---	171.25	155.91
	1/24/2020		---	14.55	---	171.25	156.70
	10/6/2020		---	12.04	---	171.25	159.21

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-7	8/18/1999*	12-22	16.52	18.21	1.69	171.23	154.46
	11/2/2000*		17.94	20.77	2.83	171.23	152.87
	8/24/2001*		17.75	19.99	2.24	171.23	153.14
	8/17/2002*		19.40	22.00	2.60	171.23	151.44
	7/17/2003*		16.80	17.15	0.35	171.23	154.38
	2/21/2004*		17.42	18.51	1.09	171.23	153.65
	10/20/2004		---	17.39	---	171.23	153.84
	8/22/2005		Sheen	17.00	Sheen	171.23	154.23
	11/28/2005		---	17.46	---	171.23	153.77
	3/9/2006		---	17.60	---	171.23	153.63
	6/29/2006*		18.02	19.52	1.50	171.23	152.99
	6/22/2007*		17.99	19.18	1.19	171.23	153.06
	10/1/2008*		18.79	20.09	1.30	171.23	152.25
	4/2/2009		NM	NM	0.25	171.23	N/A
	11/12/2009		---	17.97	---	171.23	153.26
	9/2/2010		---	16.57	---	171.23	154.66
	4/21/2011		---	17.10	---	171.23	154.13
	8/1/2013		---	16.68	---	171.23	154.55
	1/20/2015		---	15.52	---	171.23	155.71
	2/9/2016		---	14.92	---	171.23	156.31
	6/1/2018		---	16.01	---	171.23	155.22
	1/23/2020		---	15.87	---	171.23	155.36
	10/6/2020		---	12.83	---	171.23	158.40
MW-8	8/18/1999	13-23	---	17.74	---	172.15	154.41
	11/2/2000*		18.83	21.30	2.47	172.15	152.95
	8/24/2001*		18.63	20.48	1.85	172.15	153.24
	8/17/2002*		19.96	22.60	2.64	172.15	151.79
	7/17/2003*		17.82	17.85	0.03	172.15	154.33
	2/21/2004*		18.56	18.63	0.07	172.15	153.58
	10/20/2004		---	18.30	---	172.15	153.85
	8/22/2005		---	17.90	---	172.15	154.25
	11/28/2005		---	18.35	---	172.15	153.80
	3/9/2006		---	18.49	---	172.15	153.66
	6/29/2006*		19.41	19.51	0.10	172.15	152.73
	6/22/2007		---	19.01	---	172.15	153.14
	10/1/2008*		19.54	19.64	0.10	172.15	152.60
	4/2/2009		---	18.42	---	172.15	153.73
	11/12/2009		---	18.26	---	172.15	153.89
	9/2/2010		---	17.45	---	172.15	154.70
	4/21/2011		---	17.95	---	172.15	154.20
	8/1/2013		---	17.55	---	172.15	154.60
	1/20/2015		---	18.64	---	172.15	153.51
	2/9/2016		---	15.83	---	172.15	156.32
	6/1/2018		---	17.88	---	172.15	154.27
	1/23/2020		---	16.14	---	172.15	156.01
	10/6/2020		---	13.71	---	172.15	158.44
MW-9	8/18/1999*	13-23	16.69	16.99	0.30	170.53	153.80
	11/2/2000*		17.76	20.22	2.46	170.53	152.40
	8/24/2001*		17.50	19.58	2.08	170.53	152.72
	8/17/2002*		19.11	21.42	2.31	170.53	151.07
	7/17/2003*		16.73	16.85	0.12	170.53	153.78
	2/21/2004*		17.26	17.77	0.51	170.53	153.19
	10/20/2004		---	17.25	---	170.53	153.28
	8/22/2005		---	16.80	---	170.53	153.73
	11/28/2005		---	17.33	---	170.53	153.20
	3/9/2006		---	17.32	---	170.53	153.21
	6/29/2006*		18.35	18.43	0.08	170.53	152.17
	6/22/2007		---	17.98	---	170.53	152.55
	10/1/2008		---	18.48	---	170.53	152.05
	4/2/2009		---	19.23	---	170.53	151.30
	11/12/2009		---	17.73	---	170.53	152.80
	9/2/2010		---	16.35	---	170.53	154.18
	4/21/2011		---	16.80	---	170.53	153.73
	8/1/2013		---	Abandoned	---	170.53	Abandoned

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-10	8/18/1999	13-23	---	16.60	---	170.31	153.71
	11/2/2000*		17.51	20.36	2.85	170.31	152.37
	8/24/2001*		17.27	19.83	2.56	170.31	152.66
	8/17/2002*		18.65	21.58	2.93	170.31	151.22
	7/17/2003*		16.49	17.56	1.07	170.31	153.66
	2/21/2004*		16.94	18.65	1.71	170.31	153.11
	10/20/2004*		16.97	17.95	0.98	170.31	153.19
	8/22/2005		---	16.79	---	170.31	153.52
	11/28/2005		---	16.83	---	170.31	153.48
	3/9/2006		---	17.35	---	170.31	152.96
	6/29/2006*		18.31	18.46	0.15	170.31	151.98
	6/22/2007*		17.78	18.22	0.44	170.31	152.46
	10/1/2008*		18.58	19.16	0.58	170.31	151.64
	4/2/2009		---	18.71	---	170.31	151.60
	11/12/2009*		17.62	17.77	0.15	170.31	152.67
	9/2/2010*		16.33	16.34	0.01	170.31	153.98
	4/21/2011		---	16.74	---	170.31	153.57
	8/1/2013		---	Abandoned	---	170.31	Abandoned
MW-11	8/18/1999	13-23	---	15.95	---	N/A	N/A
	11/2/2000		---	17.66	---	N/A	N/A
	8/16/2001		---	17.23	---	N/A	N/A
	8/17/2002		---	19.30	---	N/A	N/A
	7/18/2003		---	15.96	---	N/A	N/A
	2/21/2004		---	16.51	---	N/A	N/A
	10/20/2004		---	NL	---	N/A	NL
	8/22/2005		---	NL	---	N/A	NL
	11/28/2005		---	NL	---	N/A	NL
	3/9/2006		---	NL	---	N/A	NL
	6/29/2006		---	NL	---	N/A	NL
	6/22/2007		---	NL	---	N/A	NL
	10/1/2008		---	NL	---	N/A	NL
	4/2/2009		---	NL	---	N/A	NL
	11/12/2009		---	NL	---	N/A	NL
MW-11R	3/17/2010	13-23	---	15.19	---	170.33	155.14
	9/2/2010		---	15.59	---	170.33	154.74
	4/21/2011		---	16.11	---	170.33	154.22
	8/1/2013		---	15.54	---	170.33	154.79
	1/20/2015		---	16.56	---	170.33	153.77
	2/9/2016		---	13.65	---	170.33	156.68
	6/1/2018		---	14.97	---	170.33	155.36
	1/24/2020		---	14.14	---	170.33	156.19
	10/6/2020		---	11.60	---	170.33	158.73
MW-12	8/19/1999	10-30	---	17.62	---	172.28	154.66
	11/1/2000*		18.63	21.38	2.75	172.28	153.24
	8/24/2001*		18.50	20.41	1.91	172.28	153.49
	8/17/2002*		20.08	22.73	2.65	172.28	151.80
	7/17/2003*		17.60	17.90	0.30	172.28	154.64
	2/21/2004*		18.08	19.18	1.10	172.28	154.04
	10/20/2004*		17.93	18.57	0.64	172.28	154.25
	8/22/2005		Sheen	17.65	Sheen	172.28	154.63
	11/28/2005		---	18.04	---	172.28	154.24
	3/9/2006		---	DRY	---	172.28	DRY
	6/29/2006		---	DRY	---	172.28	DRY
	6/22/2007		---	DRY	---	172.28	DRY
	10/1/2008		---	NM	---	172.28	NM
	4/2/2009		---	29.40	---	172.28	142.88
	11/12/2009		---	18.31	---	172.28	153.97
	9/2/2010		---	17.13	---	172.28	155.15
	4/21/2011		---	17.73	---	172.28	154.55
	8/1/2013		---	17.14	---	172.28	155.14
	1/20/2015		---	18.26	---	172.28	154.02
	2/9/2016		---	15.47	---	172.28	156.81
	6/1/2018		---	16.71	---	172.28	155.57
	1/24/2020		---	15.84	---	172.28	156.44
	10/6/2020		---	13.35	---	172.28	158.93

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-13	10/18/1999	13-23	---	18.73	---	172.43	153.70
	11/1/2000		---	19.84	---	172.43	152.59
	8/20/2001		---	19.42	---	172.43	153.01
	8/17/2002		---	20.91	---	172.43	151.52
	7/17/2003		---	18.21	---	172.43	154.22
	2/21/2004		---	19.06	---	172.43	153.37
	10/20/2004		---	18.78	---	172.43	153.65
	8/22/2005		---	18.37	---	172.43	154.06
	11/28/2005		---	18.72	---	172.43	153.71
	3/9/2006		---	18.92	---	172.43	153.51
	6/29/2006		---	19.92	---	172.43	152.51
	6/22/2007		---	17.17	---	172.43	155.26
	10/1/2008		---	NM	---	172.43	NM
	4/2/2009		---	NM	---	172.43	NM
	11/12/2009		---	19.34	---	172.43	153.09
	9/2/2010		---	17.96	---	172.43	154.47
	4/21/2011		---	18.37	---	172.43	154.06
	8/1/2013		---	17.97	---	172.43	154.46
	1/20/2015		---	19.00	---	172.43	153.43
	2/9/2016		---	16.28	---	172.43	156.15
	6/1/2018		---	17.30	---	172.43	155.13
	1/23/2020		---	16.54	---	172.43	155.89
	10/6/2020		---	14.20	---	172.43	158.23
MW-13i	1/23/2020	40-45	---	17.38	---	172.40	155.02
	10/6/2020		---	14.44	---	172.40	157.96
MW-13D	1/23/2020	53-58	---	13.80	---	172.34	158.54
	10/6/2020		---	15.12	---	172.34	157.22
MW-14	10/18/1999	10-20	---	12.81	---	164.01	151.20
	11/2/2000		---	13.98	---	164.01	150.03
	8/21/2001		---	13.83	---	164.01	150.18
	8/17/2002		---	15.13	---	164.01	148.88
	7/18/2003		---	12.81	---	164.01	151.20
	3/6/2004		---	12.35	---	164.01	151.66
	10/20/2004		---	13.21	---	164.01	150.80
	8/22/2005		---	12.91	---	164.01	151.10
	11/28/2005		---	13.28	---	164.01	150.73
	3/9/2006		---	12.61	---	164.01	151.40
	6/29/2006		---	13.65	---	164.01	150.36
	6/22/2007		---	13.76	---	164.01	150.25
	10/1/2008		---	NM	---	164.01	NM
	4/2/2009		---	12.40	---	164.01	151.61
	11/12/2009		---	13.35	---	164.01	150.66
	9/2/2010		---	12.51	---	164.01	151.50
	4/21/2011		---	12.49	---	164.01	151.52
	8/1/2013		---	11.81	---	164.01	152.20
	1/20/2015		---	12.63	---	164.01	151.38
	2/9/2016		---	10.39	---	164.01	153.62
	6/1/2018		---	11.21	---	164.01	152.80
	1/23/2020		---	10.61	---	164.01	153.40
	10/6/2020		---	10.12	---	164.01	153.89
MW-15	10/18/1999	8-18	---	11.86	---	163.92	152.06
	11/1/2000		---	13.06	---	163.92	150.86
	8/21/2001		---	12.65	---	163.92	151.27
	8/17/2002		---	14.14	---	163.92	149.78
	7/18/2003		---	11.34	---	163.92	152.58
	2/21/2004		---	11.75	---	163.92	152.17
	10/20/2004		---	13.46	---	163.92	150.46
	8/22/2005		---	11.81	---	163.92	152.11
	11/28/2005		---	12.26	---	163.92	151.66
	3/9/2006		---	13.02	---	163.92	150.90
	6/29/2006		---	12.73	---	163.92	151.19
	6/22/2007		---	12.56	---	163.92	151.36
	10/1/2008		---	NM	---	163.92	NM
	4/2/2009		---	11.44	---	163.92	152.48
	11/12/2009		---	12.35	---	163.92	151.57
	9/2/2010		---	11.05	---	163.92	152.87
	4/21/2011		---	11.24	---	163.92	152.68
	8/1/2013		---	10.53	---	163.92	153.39
	1/20/2015		---	5.61	---	163.92	158.31
	2/9/2016		---	9.95	---	163.92	153.97
	6/1/2018		---	10.70	---	163.92	153.22
	1/23/2020		---	9.53	---	163.92	154.39
	10/6/2020		---	8.41	---	163.92	155.51

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-16	10/18/1999	10-20	---	13.67	---	166.77	153.10
	11/1/2000		---	14.88	---	166.77	151.89
	8/16/2001		---	14.31	---	166.77	152.46
	8/17/2002		---	16.07	---	166.77	150.70
	7/18/2003		---	13.02	---	166.77	153.75
	2/21/2004		---	13.70	---	166.77	153.07
	10/20/2004		---	11.84	---	166.77	154.93
	8/22/2005		---	13.15	---	166.77	153.62
	11/28/2005		---	13.74	---	166.77	153.03
	3/9/2006		---	14.51	---	166.77	152.26
	6/29/2006		---	14.58	---	166.77	152.19
	6/22/2007		---	14.41	---	166.77	152.36
	10/1/2008		---	NM	---	166.77	NM
	4/2/2009		---	NM	---	166.77	NM
	11/12/2009		---	14.13	---	166.77	152.64
	9/2/2010		---	12.64	---	166.77	154.13
	4/21/2011		---	13.13	---	166.77	153.64
	8/1/2013		---	12.55	---	166.77	154.22
	1/20/2015		---	13.66	---	166.77	153.11
	2/9/2016		---	10.93	---	166.77	155.84
	6/1/2018		---	12.12	---	166.77	154.65
	1/23/2020		---	11.42	---	166.77	155.35
	10/6/2020		---	10.11	---	166.77	156.66
MW-16i	1/23/2020	40-45	---	11.64	---	166.66	155.02
	10/6/2020		---	10.02	---	166.66	156.64
MW-16D	1/23/2020	55-60	---	12.77	---	166.78	154.01
	10/6/2020		---	10.83	---	166.78	155.95
MW-17	11/8/2000	10-20	---	12.88	---	N/A	N/A
	8/24/2001		---	12.65	---	N/A	N/A
	8/17/2002		---	NL	---	N/A	NL
	7/18/2008		---	NL	---	N/A	NL
	2/21/2004		---	NL	---	N/A	NL
	10/20/2004		---	NL	---	N/A	NL
	8/22/2005		---	NL	---	N/A	NL
	11/28/2005		---	NL	---	N/A	NL
	3/9/2006		---	NL	---	N/A	NL
	6/29/2006		---	NL	---	N/A	NL
	6/22/2007		---	NL	---	N/A	NL
	10/1/2008		---	NL	---	N/A	NL
	4/2/2009		---	NL	---	N/A	NL
	11/12/2009		---	NL	---	N/A	NL
MW-17R	3/17/2010	10-20	---	11.73	---	163.81	152.08
	9/2/2010		---	13.05	---	163.81	150.76
	4/21/2011		---	12.55	---	163.81	151.26
	8/1/2013		---	11.65	---	163.81	152.16
	1/20/2015		---	13.63	---	163.81	150.18
	2/9/2016		---	10.18	---	163.81	153.63
	6/1/2018		---	11.02	---	163.81	152.79
	1/23/2020		---	10.47	---	163.81	153.34
	10/6/2020		---	9.64	---	163.81	154.17
MW-18	11/8/2000	10-20	---	14.93	---	165.04	150.11
	8/20/2001		---	14.43	---	165.04	150.61
	8/17/2002		---	15.83	---	165.04	149.21
	7/18/2003		---	13.39	---	165.04	151.65
	2/21/2004		---	13.43	---	165.04	151.61
	10/20/2004		---	13.80	---	165.04	151.24
	8/22/2005		---	13.50	---	165.04	151.54
	11/28/2005		---	13.87	---	165.04	151.17
	3/9/2006		---	14.41	---	165.04	150.63
	6/29/2006		---	18.02	---	165.04	147.02
	6/22/2007		---	NM	---	165.04	NM
	10/1/2008		---	NM	---	165.04	NM
	4/2/2009		---	NM	---	165.04	NM
	11/12/2009		---	0.00	---	165.04	165.04
	9/2/2010		---	4.30	---	165.04	160.74
	4/21/2011		---	13.10	---	165.04	151.94
	8/1/2013		---	12.20	---	165.04	152.84
	1/20/2015		---	13.48	---	165.04	151.56
	2/9/2016		---	10.83	---	165.04	154.21
	6/1/2018		---	11.71	---	165.04	153.33
	1/23/2020		---	11.22	---	165.04	153.82
	10/6/2020		---	10.10	---	165.04	154.94

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-19	11/8/2000	3-13	---	5.13	---	149.34	144.21
	8/21/2001		---	5.09	---	149.34	144.25
	8/17/2002		---	6.04	---	149.34	143.30
	7/18/2003		---	4.45	---	149.34	144.89
	3/6/2004		---	3.65	---	149.34	145.69
	10/20/2004		---	NL	---	149.34	NL
	8/22/2005		---	NL	---	149.34	NL
	11/28/2005		---	5.87	---	149.34	143.47
	3/9/2006		---	3.89	---	149.34	145.45
	6/29/2006		---	4.79	---	149.34	144.55
	6/22/2007		---	NM	---	149.34	NM
	10/1/2008		---	NM	---	149.34	NM
	4/2/2009		---	NL	---	149.34	NL
	11/12/2009		---	NL	---	149.34	NL
	3/17/2010		---	3.38	---	149.34	145.96
	9/2/2010		---	3.11	---	149.34	146.23
	4/21/2011		---	3.96	---	149.34	145.38
	8/1/2013		---	3.04	---	149.34	146.30
	1/20/2015		---	3.51	---	149.34	145.83
	2/9/2016		---	2.69	---	149.34	146.65
	6/1/2018		---	NL	---	149.34	NL
	1/24/2020		---	2.94	---	149.34	146.40
	10/6/2020		---	2.88	---	149.34	146.46
MW-20	11/8/2000	3-13	---	3.40	---	153.24	149.84
	8/21/2001		---	3.59	---	153.24	149.65
	8/17/2002		---	4.67	---	153.24	148.57
	7/18/2003		---	2.71	---	153.24	150.53
	3/6/2004		---	1.85	---	153.24	151.39
	10/20/2004		---	NL	---	153.24	NL
	8/22/2005		---	NL	---	153.24	NL
	11/28/2005		---	6.14	---	153.24	147.10
	3/9/2006		---	2.89	---	153.24	150.35
	6/29/2006		---	1.54	---	153.24	151.70
	6/22/2007		---	2.86	---	153.24	150.38
	10/1/2008		---	NM	---	153.24	NM
	4/2/2009		---	1.61	---	153.24	151.63
	11/12/2009		---	1.92	---	153.24	151.32
	9/2/2010		---	6.35	---	153.24	146.89
	4/21/2011		---	NL	---	153.24	NL
	8/1/2013		---	NL	---	153.24	NL
	1/20/2015		---	NL	---	153.24	NL
	2/9/2016		---	NL	---	153.24	NL
	6/1/2018		---	NL	---	153.24	NL
	1/23/2020		---	4.00	---	153.24	149.24
	10/6/2020		---	3.75	---	153.24	149.49
MW-21	8/20/2001	3-8	---	2.90	---	145.46	142.56
	8/18/2002		---	2.43	---	145.46	143.03
	7/18/2003		---	0.70	---	145.46	144.76
	3/6/2004		---	0.00	---	145.46	145.46
	10/20/2004		---	1.22	---	145.46	144.24
	8/22/2005		---	NL	---	145.46	NL
	11/28/2005		---	6.21	---	145.46	139.25
	3/9/2006		---	1.71	---	145.46	143.75
	6/29/2006		---	1.50	---	145.46	143.96
	6/22/2007		---	NM	---	145.46	NM
	10/1/2008		---	NM	---	145.46	NM
	4/2/2009		---	NL	---	145.46	NL
	11/12/2009		---	0.07	---	145.46	145.39
	9/2/2010		---	NL	---	145.46	NL
	4/21/2011		---	1.75	---	145.46	143.71
	8/1/2013		---	NL	---	145.46	NL
	1/20/2015		---	NL	---	145.46	NL
	2/9/2016		---	NL	---	145.46	NL
	6/1/2018		---	NL	---	145.46	NL
	1/24/2020		---	NL	---	145.46	NL
	10/6/2020		---	NL	---	145.46	NL

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-22	8/20/2001	3-13	---	2.50	---	145.86	143.36
	8/18/2002		---	2.40	---	145.86	143.46
	7/18/2003		---	0.85	---	145.86	145.01
	3/6/2004		---	0.00	---	145.86	145.86
	10/20/2004		---	0.60	---	145.86	145.26
	8/22/2005		---	NL	---	145.86	NL
	11/28/2005		---	5.88	---	145.86	139.98
	3/9/2006		---	2.15	---	145.86	143.71
	6/29/2006		---	1.13	---	145.86	144.73
	6/22/2007		---	NM	---	145.86	NM
	10/1/2008		---	NM	---	145.86	NM
	4/2/2009		---	NL	---	145.86	NL
	11/12/2009		---	0.95	---	145.86	144.91
	9/2/2010		---	NL	---	145.86	NL
	4/21/2011		---	1.65	---	145.86	144.21
	8/1/2013		---	NL	---	145.86	NL
	1/20/2015		---	NL	---	145.86	NL
	2/9/2016		---	NL	---	145.86	NL
	6/1/2018		---	NL	---	145.86	NL
	1/23/2020		---	1.63	---	145.86	144.23
	10/6/2020		---	1.10	---	145.86	144.76
MW-23	8/20/2001	3-13	---	0.60	---	145.47	144.87
	8/18/2002		---	0.93	---	145.47	144.54
	7/18/2003		---	0.10	---	145.47	145.37
	3/6/2004		---	0.00	---	145.47	145.47
	10/20/2004		---	0.60	---	145.47	144.87
	8/22/2005		---	NL	---	145.47	NL
	11/28/2005		---	5.91	---	145.47	139.56
	3/9/2006		---	2.02	---	145.47	143.45
	6/29/2006		---	0.00	---	145.47	145.47
	6/22/2007		---	NM	---	145.47	NM
	10/1/2008		---	NM	---	145.47	NM
	4/2/2009		---	NL	---	145.47	NL
	11/12/2009		---	0.00	---	145.47	145.47
	9/2/2010		---	NL	---	145.47	NL
	4/21/2011		---	0.60	---	145.47	144.87
	8/1/2013		---	NL	---	145.47	NL
	1/20/2015		---	NL	---	145.47	NL
	2/9/2016		---	NL	---	145.47	NL
	6/1/2018		---	NL	---	145.47	NL
	1/23/2020		---	0.00	---	145.47	145.47
	10/6/2020		---	0.00	---	145.47	145.47
MW-24	8/20/2001	3-13	---	0.70	---	144.62	143.92
	8/18/2002		---	0.65	---	144.62	143.97
	7/18/2003		---	0.08	---	144.62	144.54
	3/6/2004		---	0.00	---	144.62	144.62
	10/20/2004		---	0.60	---	144.62	144.02
	8/22/2005		---	NL	---	144.62	NL
	11/28/2005		---	5.77	---	144.62	138.85
	3/9/2006		---	NL	---	144.62	NL
	6/29/2006		---	1.00	---	144.62	143.62
	6/22/2007		---	NM	---	144.62	NM
	10/1/2008		---	NM	---	144.62	NM
	4/2/2009		---	NL	---	144.62	NL
	11/12/2009		---	NL	---	144.62	NL
	9/2/2010		---	NL	---	144.62	NL
	4/21/2011		---	NL	---	144.62	NL
	8/1/2013		---	NL	---	144.62	NL
	1/20/2015		---	NL	---	144.62	NL
	2/9/2016		---	NL	---	144.62	NL
	6/1/2018		---	NL	---	144.62	NL
	1/24/2020		---	NL	---	144.62	NL
	10/6/2020		---	NL	---	144.62	NL

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-25	7/18/2003	6-16	---	10.08	---	162.47	152.39
	3/6/2004		---	9.87	---	162.47	152.60
	10/20/2004		---	10.61	---	162.47	151.86
	8/22/2005		---	10.28	---	162.47	152.19
	11/28/2005		---	9.78	---	162.47	152.69
	3/9/2006		---	10.33	---	162.47	152.14
	6/29/2006		---	11.15	---	162.47	151.32
	6/22/2007		---	NM	---	162.47	NM
	10/1/2008		---	NM	---	162.47	NM
	4/2/2009		---	10.06	---	162.47	152.41
	11/12/2009		---	11.14	---	162.47	151.33
	9/2/2010		---	9.80	---	162.47	152.67
	4/21/2011		---	9.85	---	162.47	152.62
	8/1/2013		---	9.16	---	162.47	153.31
	1/20/2015		---	10.33	---	162.47	152.14
	2/9/2016		---	7.56	---	162.47	154.91
	6/1/2018		---	8.50	---	162.47	153.97
	1/23/2020		---	7.75	---	162.47	154.72
	10/6/2020		---	6.28	---	162.47	156.19
MW-26	7/18/2003	5-15	---	5.51	---	150.23	144.72
	3/6/2004		---	4.00	---	150.23	146.23
	10/20/2004		---	5.56	---	150.23	144.67
	8/22/2005		---	NL	---	150.23	NL
	11/28/2005		---	10.22	---	150.23	140.01
	3/9/2006		---	5.19	---	150.23	145.04
	6/29/2006		---	5.81	---	150.23	144.42
	6/22/2007		---	NM	---	150.23	NM
	10/1/2008		---	NM	---	150.23	NM
	4/2/2009		---	4.11	---	150.23	146.12
	11/12/2009		---	NL	---	150.23	NL
	9/2/2010		---	NL	---	150.23	NL
	4/21/2011		---	NL	---	150.23	NL
	8/1/2013		---	NL	---	150.23	NL
	1/20/2015		---	NL	---	150.23	NL
	2/9/2016		---	NL	---	150.23	NL
	6/1/2018		---	NL	---	150.23	NL
	1/23/2020		---	3.25	---	150.23	146.98
	10/6/2020		---	3.46	---	150.23	146.77
MW-27	7/18/2003	6-16	---	2.05	---	146.19	144.14
	3/6/2004		---	0.00	---	146.19	146.19
	10/20/2004		---	1.53	---	146.19	144.66
	8/22/2005		---	NL	---	146.19	NL
	11/28/2005		---	5.91	---	146.19	140.28
	3/9/2006		---	1.68	---	146.19	144.51
	6/29/2006		---	1.68	---	146.19	144.51
	6/22/2007		---	NM	---	146.19	NM
	10/1/2008		---	NM	---	146.19	NM
	4/2/2009		---	NL	---	146.19	NL
	11/12/2009		---	2.19	---	146.19	144.00
	9/2/2010		---	NL	---	146.19	NL
	4/21/2011		---	3.00	---	146.19	143.19
	8/1/2013		---	NL	---	146.19	NL
	1/20/2015		---	NL	---	146.19	NL
	2/9/2016		---	NL	---	146.19	NL
	6/1/2018		---	NL	---	146.19	NL
	1/24/2020		---	2.51	---	146.19	143.68
	10/6/2020		---	2.60	---	146.19	143.59
MW-28	3/17/2010	2-12	---	4.81	---	153.73	148.92
	9/2/2010		---	5.65	---	153.73	148.08
	4/21/2011		---	5.31	---	153.73	148.42
	8/1/2013		---	1.51	---	153.73	152.22
	1/20/2015		---	2.00	---	153.73	151.73
	2/9/2016		---	3.18	---	153.73	150.55
	6/1/2018		---	NL	---	153.73	NL
	1/23/2020		---	4.16	---	153.73	149.57
	10/6/2020		---	3.45	---	153.73	150.28
MW-29	1/23/2020	10-20	---	13.73	---	169.20	155.47
	10/6/2020		---	12.11	---	169.20	157.09
MW-29i	1/23/2020	40-45	---	14.11	---	169.12	155.01
	10/6/2020		---	12.14	---	169.12	156.98
MW-29D	1/23/2020	55-60	---	14.72	---	169.08	154.36
	10/6/2020		---	13.42	---	169.08	155.66
MW-30	1/23/2020	10-20	---	10.48	---	168.05	157.57
	10/6/2020		---	11.68	---	168.05	156.37
MW-31	1/23/2020	10-20	---	13.52	---	167.65	154.13
	10/6/2020		---	12.09	---	167.65	155.56
MW-32	1/23/2020	10-20	---	13.09	---	168.07	154.98
	10/6/2020		---	11.28	---	168.07	156.79
MW-33	1/23/2020	10-20	---	13.85	---	169.33	155.48
	10/6/2020		---	11.64	---	169.33	157.69
MW-34	1/23/2020	10-20	---	14.28	---	170.36	156.08
	10/6/2020		---	12.54	---	170.36	157.82
MW-35	1/23/2020	10-20	---	13.72	---	171.18	157.46
	10/6/2020		---	13.32	---	171.18	157.86

TABLE 2
POTENTIOMETRIC DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
TFR-1	9/2/2010	TD: 24.40'	---	16.31	---	171.56	155.25
	4/21/2011		---	16.95	---	171.56	154.61
	8/1/2013		---	17.31	---	171.56	154.25
	1/20/2015		---	17.40	---	171.56	154.16
	2/9/2016		---	**14.74**	---	171.56	156.82
	6/1/2018		---	15.87	---	171.56	155.69
	1/24/2020		---	15.18	---	171.56	156.38
	10/6/2020		---	12.55	---	171.56	159.01
TFR-2	9/2/2010	TD: 24.00'	---	16.80	---	172.02	155.22
	4/21/2011		---	17.61	---	172.02	154.41
	8/1/2013		---	17.10	---	172.02	154.92
	1/20/2015		---	18.86	---	172.02	153.16
	2/9/2016		---	15.34	---	172.02	156.68
	6/1/2018		---	16.50	---	172.02	155.52
	1/24/2020		---	15.63	---	172.02	156.39
	10/6/2020		---	13.20	---	172.02	158.82
TFR-3	9/2/2010*	TD: 25.20'	16.79	16.88	0.09	171.48	154.68
	4/21/2011		---	17.33	---	171.48	154.15
	8/1/2013		---	16.92	---	171.48	154.56
	1/20/2015		---	17.87	---	171.48	153.61
	2/9/2016		---	15.20	---	171.48	156.28
	6/1/2018		---	16.23	---	171.48	155.25
	1/23/2020		---	15.55	---	171.48	155.93
	10/6/2020		---	13.12	---	171.48	158.36
TFR-4	9/2/2010*	TD: 24.30'	16.65	16.70	0.05	171.35	154.69
	4/21/2011*		17.31	17.55	0.24	171.35	154.00
	8/1/2013		---	16.87	---	171.35	154.48
	1/20/2015		---	17.70	---	171.35	153.65
	2/9/2016		---	15.11	---	171.35	156.24
	6/1/2018		---	16.20	---	171.35	155.15
	1/23/2020		---	15.62	---	171.35	155.73
	10/6/2020		---	13.02	---	171.35	158.33
TFR-5	9/2/2010	TD: 25.00'	---	0.30	---	171.34	171.04
	4/21/2011		---	0.00	---	171.34	171.34
	8/1/2013		---	Abandoned	---	171.34	Abandoned
TFR-6	9/2/2010	TD: 22.18'	---	16.65	---	171.03	154.38
	4/21/2011		---	17.14	---	171.03	153.89
	8/1/2013		---	16.80	---	171.03	154.23
	1/20/2015*		16.48	16.50	0.02	171.03	154.55
	2/9/2016		---	15.05	---	171.03	155.98
	6/1/2018		---	16.57	---	171.03	154.46
	1/23/2020		---	12.62	---	171.03	158.41
	10/6/2020		---	13.03	---	171.03	158.00
TFR-7	9/2/2010*	TD: 25.00'	16.55	16.57	0.02	170.92	154.37
	4/21/2011*		16.98	18.40	1.42	170.92	153.73
	8/1/2013		---	Abandoned	---	170.92	Abandoned
TFR-8	9/2/2010	TD: 25.00'	---	16.65	---	170.74	154.09
	4/21/2011		---	17.09	---	170.74	153.65
	8/1/2013		---	Abandoned	---	170.74	Abandoned
TFR-9	9/2/2010	TD: 25.01'	---	15.84	---	169.85	154.01
	4/21/2011		---	16.22	---	169.85	153.63
	8/1/2013		---	16.10	---	169.85	153.75
	1/20/2015		---	NL	---	169.85	NL
	2/9/2016		---	NL	---	169.85	NL
	6/1/2018		---	NL	---	169.85	NL
	1/23/2020		---	14.61	---	169.85	155.24
	10/6/2020		---	12.35	---	169.85	157.50
TFR-10	9/2/2010	TD: 24.92'	---	15.19	---	168.99	153.80
	4/21/2011		---	15.56	---	168.99	153.43
	8/1/2013		---	16.08	---	168.99	152.91
	1/20/2015		---	16.69	---	168.99	152.30
	2/9/2016		---	14.31	---	168.99	154.68
	6/1/2018		---	15.17	---	168.99	153.82
	1/23/2020		---	13.94	---	168.99	155.05
	10/6/2020		---	11.78	---	168.99	157.21
TFR-11	9/2/2010	TD: 25.03'	---	15.28	---	168.71	153.43
	4/21/2011		---	15.59	---	168.71	153.12
	8/1/2013		---	15.33	---	168.71	153.38
	1/20/2015		---	NL	---	168.71	NL
	2/9/2016		---	NL	---	168.71	NL
	6/1/2018		---	NL	---	168.71	NL
	1/23/2020		---	14.08	---	168.71	154.63
	10/6/2020		---	12.04	---	168.71	156.67
TFR-12	9/2/2010*	TD: 20.00'	15.24	16.15	0.91	169.21	153.83
	4/21/2011		---	15.80	---	169.21	153.41
	8/1/2013*		15.56	15.59	0.03	169.21	153.65
	1/20/2015		---	16.00	---	169.21	153.21
	2/9/2016		---	13.60	---	169.21	155.61
	6/1/2018		---	14.48	---	169.21	154.73
	1/23/2020		---	Obstructed	---	169.21	Obstructed
	10/6/2020*		11.93	12.58	0.65	169.21	157.18

Notes:

1. Elevations based on assumed site datum.
2. Groundwater depths were measured from the top of the PVC riser pipe.
3. Groundwater levels measured on 10/6/2020.
4. NL = Not Located
5. NM = Not Measured
6. * = Grounwater elevation corrected for the presence of free product using a specific gravity of 0.85.

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	*1,000*	*700*	*10,000*	*25*	*40*	*5*	*0.05*	*15*	*240*	*128*	*NE*	*1,400*	*NE*	*150*	*10,000*	*47*
MW-1	12/28/1998	**1,760**	**14,600**	**3,460**	**8,580**	**449**	<5.0	NT	NT	**144**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/1999	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	11/1/2000	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/21/2001	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/17/2002	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	7/17/2003	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/21/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/22/2007	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/1/2008	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-1R	3/17/2010	**2,840**	**34,800**	**5,860**	**28,500**	**829**	<250	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**3,990**	**33,200**	**5,270**	**24,600**	<1,250	<1,250	<1,250	**26.3**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	4/21/2011	**2,790**	**28,100**	**4,710**	**22,700**	**544J**	<1,250	<1,250	**16.0**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	8/1/2013	**830**	**14,000**	**3,400**	**17,000**	**540**	<500	**<500**	**3.6**	NT	**1,600J**	<1,000	<10,000	<10,000	<10,000	<1,000	<100,000	<10,000
	1/20/2015	**998J**	**19,100**	**2,850**	**15,400**	<1,250	<5.0	<5.0	**2.6**	NT	**913**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**499**	**8,820**	**2,100**	**11,400**	**388**	<250	<250	**2.4**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	6/1/2018	**750**	**16,700**	**4,410**	**22,600**	**873**	<500	<500	**0.77**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	1/24/2020	**266**	**9,320**	**3,780**	**17,600**	**518**	<250	<250	**0.38**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	10/6/2020	**674**	**15200**	**3960**	**22200**	**646**	<388	<258	**0.59**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
MW-2	12/28/1998	**794**	**5,590**	**1,800**	**4,370**	**236**	<5.0	NT	NT	**19**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/1999	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/1/2000	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/21/2001	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/17/2002	**69.0**	**101**	**81.1**	**188**	**5.80**	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	**280**	**680**	**726**	**2,120**	**6.60**	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	**77.8**	**84.4**	**140**	**212**	**5.40**	**4.5**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**9,600**	**46,000**	**7,100**	**30,000**	**13,000**	**510**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**390**	**100**	**270**	**480**	**50**	**31**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**54**	**49**	**53**	**200**	**53**	**110**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**8,600**	**43,000**	**3,900**	**22,000**	**270**	**2,500**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**350**	**280**	**270**	**790**	<100	**400**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**220**	**40**	**180**	**150**	<100	**370**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**262**	**452**	**501**	**862**	**40**	**202**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	**367**	**920**	**947**	**2,189**	**113**	**103**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**168**	**167**	**254**	**374**	**7.2**	**27.2**	**<5.0**	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**133**	**230**	**344**	**465**	**6.5J**	**39.3**	<10.0	<0.019	NT	**<200**	<20.0	<200	**<200**	<100	<10.0	**<400**	<20.0
	4/21/2011	**183**	**272**	**474**	**588**	<10.0	**12.6**	<10.0	<0.019	NT	**<200**	<20.0	<200	**<200**	<100	<10.0	<400	<20.0
	8/1/2013	**21**	**85**	**120**	**270**	**4.9J**	**0.47J**	<5.0	<0.020	NT	**16J**	<10	**16J**	<100	<100	<10	<1,000	<100
	1/20/2015	**7.7**	**3.9J**	**15.3**	**23.9**	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	2/9/2016	**20.1**	**9.5**	**158**	**118**	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**170**	**39.9**	**25.0**	**22.5**	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	**3.7J**	<200	<10.0
	1/24/2020	**77.5**	**10.1**	**75.8**	**17.9**	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**2.3 J**	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-3	12/28/1998	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NT	NT	<3.0	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	**2.41**	**1.27**	**2.76**	**21.77**	**196**	<1.0	NT	<1.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**27**	**7.2**	<5.0	**20**	<5.0	<5.0	NT	<0.021	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**5.1**	**12.1**	**4.4**	**37.9**	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	**1.3**	**1.6**	ND	**11.5**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	**1.1**	<1.0	**6.7**	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**7.1**	**4.0**	**3.4**	**34**	**<5.0**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<5.0	**9.4**	<5.0	**7.8**	<25	<5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	NS	NS	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	NS	NS	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**1,050**	**11,300**	**3,400**	**15,900**	**496**	<250	**<250**	**1.3**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	**3.0J**	<5.0	<5.0	<5.0	<0.019	NT	<100	**<10.0**	<100	<100	<50.0	**<5.0**	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**4.8J**	**260**	**230**	**2,000**	**160**	<50	<50	**0.76**	NT	**160J**	<100	<1,000	<1,000	<1,000	**5.6J**	<10,000	<1,000
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	*1,000*	*700*	*10,000*	*25*	*40*	*5*	*0.05*	*15*	*240*	*128*	*NE*	*1,400*	*NE*	*150*	*10,000*	*47*
MW-4	12/28/1998*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/18/1999*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	11/1/2000*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/16/2001*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/17/2002*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	7/17/2003*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/21/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	10/20/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/22/2005	**720**	**13,000**	**5,900**	**40,000**	**2,300**	**250**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**590**	**1,200**	**89**	**4,100**	**180**	**150**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**57**	**150**	**180**	**150**	**150**	**26**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**640**	**1,400**	<1	**4,000**	**120**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**30**	**140**	**14**	**240**	**13**	**<1.0**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**132**	**1,030**	**11**	**562**	11	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	1	**2.16**	**1**	1	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**16.9**	**78.7**	**4.9J**	**44.8**	<5.0	**5.2**	<5.0	**0.14**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**665**	**4,280**	**358**	**3,200**	**45.9**	**132**	**1.3J**	**0.50**	NT	**172**	**12.0**	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	**656**	**2,280**	**59.2J**	**1,320**	<125	**263**	<125	**0.12**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	8/1/2013	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
	1/20/2015	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
	2/9/2016	**47.9**	**622**	**119**	**673**	<25.0	<25.0	<25.0	**0.049**	NT	<500	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	6/1/2018	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
MW-4R	1/24/2020	**140**	**3,830**	**871**	**4,250**	**124J**	<125	<125	**0.91**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	**343**	**7150**	**765**	**4930**	**109 J**	<155	<103	**1.9**	NT	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
MW-4D	1/24/2020	**14.1J**	**194**	**65.1**	**1,550**	**32.7**	<25.0	<25.0	**0.15**	NT	<500	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	10/6/2020	**1.8 J**	<2.0	**4.9 J**	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-5i	8/19/1999	<5.0	<5.0	<5.0	<5.0	**9.7**	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	<5.0	<5.0	<5.0	**5.1**	<5.0	<5.0	NT	<0.021	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	**3.8**	ND	**3.2**	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	ND	ND	ND	**1.5**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**2.0**	**81**	**74**	**370**	**74**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<10	**120**	**170**	**990**	**140**	<10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**1.7**	**8.6**	<1	**50**	**8.4**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**13**	**29.0**	<1.0	**93.0**	**12**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	1	**17.0**	**3.9**	**20.0**	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**6,120**	**51,700**	**3,540**	**17,580**	**206**	**900**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	1	1	1	1	**2**	**10.2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	**24.1**	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	**7.1J**	**4.8J**	**29.0**	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	**33.9**	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**0.31J**	<5.0	<5.0	<5.0	<5.0	**16**	<5.0	<0.019	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	**242**	<5.0	<5.0	**45.3**	**6.6**	**120**	<5.0	<0.019	NT	**188**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	**4.9J**	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**72.0**	<5.0	<5.0	**10.1**	**8.5**	**30.9**	<5.0	**0.022**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<10.0	**2.7J**	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**16.2**	<2.0	<1.8	<5.0	**4.4 J**	**8.5**	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-6	8/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/16/2001	<5.0	**6.5**	<5.0	**12**	<5.0	<5.0	NT	<0.020	0.028	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**8.8**	**4.5**	ND	**8.2**	ND	**3.2**	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	**48.5**	**33.2**	**31.8**	**129**	**ND**	**5.9**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	**14.0**	<1.0	**3.2**	**7.5**	<5.00	**3.4**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**7,900**	**30,000**	**15,000**	**77,000**	**9,100**	<250	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**200**	**56**	**39**	**130**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**600**	**240**	**170**	**400**	<500	<100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**330**	**70**	**58**	**75**	<50	<10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**400**	**190**	**96**	**300**	<5	**8.9**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**77**	**62**	**33**	**180**	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**2**	**6**	**7**	**17**	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	1	1	1	1	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	**2.6J**	**3.1J**	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**20**	3.0J	**11**	**52**	<5.0	<5.0	<5.0	<0.020	NT	**36J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**8.1**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	**2.0J**	<200	<10.0
	1/24/2020	**15.2**	<5.0	**2.4J**	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-7	8/18/1999*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	11/2/2000*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/24/2001*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/17/2002*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	7/17/2003*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/21/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	10/20/2004	21,000	47,000	9,400	37,000	1,100	5,400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	13,000	57,000	17,000	82,000	11,000	4,300	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	16,000	40,000	7,100	34,000	1,200	4,300	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	19,000	70,000	8,200	45,000	<1,000	6,400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	6/22/2007*	17,000	52,000	7,000	35,000	1,900	3,400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	4/2/2009	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	11/12/2009	16,100	50,000	4,550	24,500	638	1,970	<500	239	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	13,900	40,500	4,790	30,800	<2,500	2,720	<2,500	253	NT	<50,000	<5,000	<50,000	<50,000	<25,000	<2,500	<100,000	<5,000
	4/21/2011	11,100	29,300	2,730	25,800	769J	2,840	<1,250	151	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	8/1/2013	10,000	52,000	5,000	31,000	1,800J	310J	<2,500	120	NT	7,300J	<5,000	<50,000	<50,000	<50,000	<5,000	<500,000	<50,000
	1/20/2015	11,700	42,200	3,280	21,900	1,500	1,000	82.4J	174	NT	6,000	203	<2,000	<2,000	<1,000	<100	<4,000	<200
	2/9/2016	9,270	38,300	3,620	30,300	1,240J	<1,250	<1,250	148	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	6/1/2018	9,330	34,500	2,600	23,200	719J	462J	<1,000	320	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	1/23/2020	8,750	34,200	2,460	20,600	656J	<1,250	<1,250	127	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	5200	21900	1690	15900	631 J	<620	<412	40.5	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
MW-8	8/18/1999	2,300	10,000	1,300	5,900	1,200	<5.0	NT	38	0.13	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/24/2001*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/17/2002*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	7/17/2003*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/21/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	10/20/2004	1,700	11,000	2,300	9,400	1,000	<25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	6,000	30,000	6,600	32,000	1,700	200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	5,300	29,000	5,000	27,000	<1,000	<200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	1,800	13,000	2,800	17,000	410	<20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008*	761	3,050	810	10,060	1,370	40	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	683	2,300	690	7,660	370	40	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	647	2,100	404	3,700	164	<125	<125	7.4	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	1,090	6,930	749	6,820	369	<100	<100	8.8	NT	<2,000	<200	<2,000	<2,000	<1,000	<100	<4,000	<200
	4/21/2011	1,660	7,480	665	7,550	391	<250	<250	21.5	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	8/1/2013	1,300	4,200	840	8,900	480	<250	<250	16	NT	2,600J	<500	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	2,160	11,600	932	11,300	680	<125	<125	29.0	NT	5,610	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	2/9/2016	1,370	11,700	687	8,440	448J	<500	<500	22.9	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	6/1/2018	1,340	17,900	1,880	14,500	517	<500	<500	11.4	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	1/23/2020	397	6,190	1,010	7,130	318	<250	<250	4.5	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	10/6/2020	737	9330	1760	11700	498	<155	<103	4.0	NT	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
MW-9	8/18/1999*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	11/2/2000*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/24/2001*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/17/2002*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	7/17/2003*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/21/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	10/20/2004	20,000	48,000	9,800	50,000	10,000	590	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	23,000	77,000	15,000	75,000	4,400	270	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	190	350	45	230	7.1	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	22,000	60,000	3,800	24,000	560.0	170	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	6/22/2007	4,900	31,000	3,700	26,000	2,600	<50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	2,850	13,400	1,790	17,340	1,820	40	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	12,200	33,800	2,850	27,390	941	273	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	13,100	33,800	2,000	24,300	757	73.2J	390	598	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	14,500	29,500	1,630	21,200	1,150	<1,000	412J	612	NT	44,900	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	4/21/2011	11,700	30,000	1,590	17,600	741J	<1,250	<1,250	510	NT	41,300	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-10	8/18/1999	**15,000**	**22,000**	**1,400**	**7,900**	<250	<5.0	NT	**460**	**0.72**	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/24/2001*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/17/2002*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	7/17/2003*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/21/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	10/20/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/22/2005	**20,000**	**34,000**	**34,000**	**25,000**	**9,900**	**250**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**21,000**	**62,000**	**16,000**	**76,000**	**3,500**	<200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**17,000**	**40,000**	**3,100**	**19,000**	<2,500	<500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	6/22/2007*	**6,500**	**42,000**	**14,000**	**96,000**	**25,000**	**500**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/2/2009	**8,260**	**23,700**	**3,680**	**26,110**	1,010	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011	**11,100**	**24,000**	**2,740**	**16,500**	**635**	<250	**299**	**322**	NT	**18,300**	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11	8/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	**0.014**	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.031**	NT	NT	NT	NT	NT	NT	NT	NT
	8/16/2001	<5.0	**9.0**	<5.0	**14**	<5.0	<5.0	NT	<0.019	**0.0075**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	**4.6**	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	**2.2**	**1.1**	**7.0**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	**1.8**	**1.0**	**11.1**	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/22/2007	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/1/2008	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-11R	3/17/2010	**13.0**	**70.2**	**36.3**	**175**	**<5.0**	<5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**6.7**	**17.9**	**12.6**	**107**	<5.0	<5.0	**<5.0**	<0.019	NT	**569**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	**4.0J**	**7.7**	**2.0J**	**83.0**	<5.0	<5.0	**<5.0**	<0.019	NT	**1,040**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**3.7J**	<5.0	**2.4J**	**9.5**	<5.0	<5.0	**<5.0**	<0.020	NT	**77J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	**4.1J**	**3.3J**	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	**300**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-12	8/19/1999	**3,600**	**16,000**	**2,100**	**8,800**	**290**	**93**	NT	<250	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/24/2001*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/17/2002*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	7/17/2003*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/21/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	10/20/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/22/2005	**4,100**	**44,000**	**15,000**	**75,000**	**7,800**	**250**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**5,400**	**46,000**	**16,000**	**81,000**	**4,100**	<200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/29/2006	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	**1**	**1**	**1**	**1**	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**801**	**1,870**	**22.6J**	**9,020**	**140**	**67.4**	<50.0	**11.4**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**2,960**	**23,200**	**3,180**	**21,700**	**646**	<100	<100	**2.6**	NT	<2,000	<200	<2,000	<2,000	<1,000	<100	<4,000	<200
	4/21/2011	**2,490**	**18,600**	**3,630**	**21,000**	**628J**	<1,000	<1,000	**2.5**	NT	**25,300**	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	8/1/2013	**99J**	**1,400**	**130J**	**7,100**	**290**	<250	<250	**0.74**	NT	**660J**	<500	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	**568**	**6,470**	**891**	**15,000**	**459**	<5.0	<5.0	**1.8**	NT	**324**	<10.0	<100	**83.0J**	<50.0	<5.0	<200	<10.0
	2/9/2016	**189**	**901**	**125**	**3,780**	**165**	<62.5	<62.5	**0.61**	NT	<1,250	<125	<1,250	<1,250	<625	<62.5	<2,500	<125
	6/1/2018	**96.6**	**1,030**	**95.7**	**2,890**	**123**	<50.0	<50.0	**0.028**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	1/24/2020	**154**	**1,860**	**427**	**6,540**	**276**	<125	<125	<0.020	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	**409**	**5030**	**1260**	**10900**	**498**	<124	<82.4	<0.011	NT	<2620	<122	<2160	<3640	<964	<140	<5760	<338

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-13	10/18/1999	**5.1**	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.021**	NT	NT	NT	NT	NT	NT	NT	NT
	8/20/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<0.019	**0.020**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	ND	ND	ND	**1.5**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	1.9	<1	1.7	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	1.7	2.7	1.9	6.6	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	3.6	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	**7.2J**	<5.0	<5.0	<5.0	<0.019	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	**83.2J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-13i	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.029**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-13D	1/23/2020	<5.0	**25.5**	**4.6J**	**24.3**	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-14	10/18/1999	**2,160**	**1,390**	**431**	**2,180**	**73.6**	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000	**1,180**	<10.0	**60.4**	**393.9**	<10.0	<10.0	NT	<10.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**450**	**11**	**8.4**	**160**	**18**	<5.0	NT	<0.019	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**553**	**7.4**	**28.0**	**222**	**34.2**	ND	NT	**0.05**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	**33.1**	ND	ND	**3.0**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	**67.7**	<1.0	**3.9**	**20.5**	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.2**	<1	**1.4**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	**1**	<1	**1**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	**1**	**1**	**1**	**1**	**4.65**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**19**	<5.0	<5.0	<5.0	**8.7**	<5.0	**3.5J**	<0.020	NT	**980**	<10	<100	**31J**	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	**8.4**	<10.0	<5.0	<5.0	**12.0**	**0.028**	NT	**2,690**	<10.0	<100	**131**	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	**252**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-15	10/18/1999	<5.0	**10**	<5.0	**14**	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.089**	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**8.9**	<5.0	<5.0	**9.0**	<5.0	<5.0	NT	<0.019	**0.073**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.1**	<1	**2.3**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	**2.2**	**1.2**	**7.1**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	**1.7**	<1	**1.6**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**1.5**	<5	**1.6**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	**2.5**	<1	**3.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	<1	**67.0**	**63.0**	**430.0**	**100**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	**17J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	**320**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	**90.0J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.051**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	**<144**	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-16	10/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.075**	NT	NT	NT	NT	NT	NT	NT	NT
	8/16/2001	<5.0	**7**	<5.0	11	<5.0	<5.0	NT	<0.019	**0.015**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.4**	<1	**1.6**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	**1.2**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	**1.5**	<1	**1.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**3.4**	<5	**1.2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16i	1/23/2020	**9.8**	**18.7**	**8.7**	**117**	**3.1J**	<5.0	<5.0	**0.11**	NT	**440**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**3.9 J**	<2.0	**2.4 J**	**28.4**	<2.1	<3.1	<2.1	<0.011	NT	**240**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16D	1/23/2020	**2.2J**	<5.0	<5.0	**28.2**	<5.0	<5.0	<5.0	**0.057**	NT	**93.3J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-17	11/8/2000	**9,320**	**10,800**	**1,380**	**4,910**	**224**	<100	N/A	<100	**0.038**	NT	NT	NT	NT	NT	NT	NT	NT
	8/24/2001	**680**	**680**	**100**	**430**	**38**	<5.0	N/A	**0.10**	**0.030**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	7/18/2003	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/21/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/22/2007	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/1/2008	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-17R	3/17/2010	**4,450**	**6,450**	**919**	**3,670**	**164**	**198**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**7,080**	**12,000**	**1,370**	**5,900**	**450**	**205J**	**301**	**0.22**	NT	**9,130**	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	4/21/2011	**4,750**	**7,130**	**937**	**3,840**	<500	<500	**185J**	**0.14**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	8/1/2013	**4,700**	**6,000**	**890**	**4,400**	**200J**	**140J**	**210J**	**0.062P**	NT	**3,200J**	**18J**	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	**3,030**	**2,450**	**525**	**2,560**	**92.3**	**93.0**	**75.7**	<0.021	NT	**3,890**	**14.1**	<100	**208**	<50.0	<5.0	<200	<10.0
	2/9/2016	**8.0**	**4.4J**	<5.0	<10.0	<5.0	**11.1**	**6.1**	<0.019	NT	**86.6J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	**731**	**21.8J**	**79.1**	**293**	**24.2J**	<25.0	**19.4J**	<0.020	NT	**1,940**	<50.0	<500	<500	**<250**	<25.0	<1,000	<50.0
	10/6/2020	**404**	**15.2**	**61.9**	**253**	**16.0**	<7.8	**12.7**	<0.012	NT	**1370**	<7.6	<135	<228	<60.2	<8.7	<360	<21.2
MW-18	11/8/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.108**	NT	NT	NT	NT	NT	NT	NT	NT
	8/20/2001	<5.0	**6.2**	<5.0	**10**	<5.0	<5.0	NT	<0.020	**0.028**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.3**	<1	**1.3**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	**1.3**	<1	**1.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**0.50J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	**210**	<10	<100	**7.3J**	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	*1,000*	*700*	*10,000*	*25*	*40*	*5*	*0.05*	*15*	*240*	*128*	*NE*	*1,400*	*NE*	*150*	*10,000*	*47*
MW-19	11/8/2000	**380**	**1.46**	**1.59**	**60.59**	**6.71**	**1,200**	NT	<1.0	**0.023**	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**640**	**10**	<5.0	**88**	**19**	**43**	NT	<0.020	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**492**	ND	**11.8**	**30.7**	**9.50**	**39.7**	NT	**0.04**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	**760**	**8.5**	ND	**267**	**16.1**	**30.8**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	**166**	<1.0	<1.0	**15.8**	<5.00	**196**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	**3.8**	<1	**10.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**34**	<1	<1	<1	<5	**3.7**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**9**	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/17/2010	**134**	<5.0	<5.0	<10.0	**5.0**	**12.7**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**224**	<5.0	<5.0	**5.0J**	**9.4**	**29.7**	**4.2J**	<0.019	NT	**460**	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	4/21/2011	**24.6**	<5.0	<5.0	<10.0	<5.0	**5.3**	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	8/1/2013	**120**	<5.0	<5.0	<5.0	**5.9**	**16**	**7.4**	**0.030**	NT	**120**	<10	<100	**15J**	<100	**0.53J**	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	**4.2J**	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	2/9/2016	**26.1**	<5.0	<5.0	<10.0	**4.3J**	**19.8**	**5.2**	<0.021	NT	**397**	<10.0	<100	**61.8J**	<50.0	**<5.0**	<200	<10.0
	3/9/2016	**19.0**	<0.24	<0.21	<0.32	**4.5**	**34**	**7.5**	**0.029**	**<4.7**	**350**	<0.25	<1.5	**49**	<0.66	**0.98J**	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/24/2020	**17.9**	<5.0	<5.0	<5.0	**44.3**	**119**	**32.2**	<0.020	NT	**3260**	<10.0	<100	**118**	<50.0	**<5.0**	**<200**	<10.0
	10/6/2020	**31.9**	<2.0	<1.8	<5.0	**50.3**	**62.0**	**3.6 J**	<0.011	NT	**3230**	<3.0	<53.9	**236**	<24.1	<3.5	<144	<8.5
MW-20	11/8/2000	**1,550**	**1.98**	**1.71**	**65.42**	**36.9**	**1.12**	NT	<1.0	**0.088**	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**1,200**	**5.7**	<5.0	**54**	**40**	<5.0	NT	**0.57**	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**1,480**	ND	ND	**31.8**	**51.9**	ND	NT	**0.74**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	**874**	**2.7**	**1.9**	**31.0**	**46.1**	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	**1,760**	**2.1**	<1.0	**35.3**	**79.6**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**1,300**	**1.9**	<1	**9.9**	**74**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**1,500**	**2.4**	**3.3**	**13.0**	**77**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**900**	**1.9**	**2.6**	**6.1**	**77**	**1**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	**102**	**1**	**1**	**4.02**	**59.50**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**839**	<5.0	**20.1**	**4.0J**	**45.3**	**43.9**	**8.9**	<0.019	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**54.8**	<5.0	<5.0	<10.0	**65.4**	<5.0	**22.6**	<0.019	NT	**1,680**	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	4/21/2011	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	**19.4**	<5.0	**45.6**	<5.0	**6.6**	**7.3**	**4.8J**	<0.020	NT	**3,000**	**<10.0**	<100	**<100**	**<50.0**	**<5.0**	<200	<10.0
	10/6/2020	**152**	<2.0	**50.7**	<5.0	**18.8**	**23.3**	**5.6**	<0.012	NT	**2940**	<3.0	<53.9	**142**	<24.1	<3.5	<144	<8.5
MW-21	8/20/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<0.020	**0.86**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**1.9**	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**1.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	**6**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	**2.9J**	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<250	<250	<250	<500	<250	<250	<250	<0.020	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/6/2020	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-22	8/20/2001	<5.0	**7.8**	<5.0	**8.0**	<5.0	<5.0	NT	<0.020	**0.38**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**1.9**	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**2.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<10.0	<10.0	<10.0	<20.0	<10.0	<10.0	<10.0	<0.020	NT	<200	<20.0	<200	<200	<100	<10.0	<400	<20.0
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-23	8/20/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<0.020	**0.023**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**1.0**	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**1.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/15/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	**<0.23**	<0.0049	**<4.7**	**<1.5**	**<0.25**	<1.5	**<2.3**	**<0.66**	**<0.26**	**<19**	**<0.13**
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-24	8/20/2001	<5.0	<5.0	<5.0	**5.4**	<5.0	<5.0	NT	<0.019	**0.014**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	**1.6**	<1	**2.1**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/14/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0048	**<4.7**	**<1.5**	**<0.25**	<1.5	**<2.3**	**<0.66**	**<0.26**	**<19**	**<0.13**
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/6/2020	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-25	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**1.7**	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	**4.9**	<1	**4.3**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	**63.7J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	3/9/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0047	<4.7	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-26	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**3.5**	<1	**2.9**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-27	7/18/2003	ND	ND	ND	ND	ND	**2.0**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	**1.1**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.1**	<1	**2.2**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	**1.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**2.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.024	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-28	3/17/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	**14J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	3/10/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0047	<4.7	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

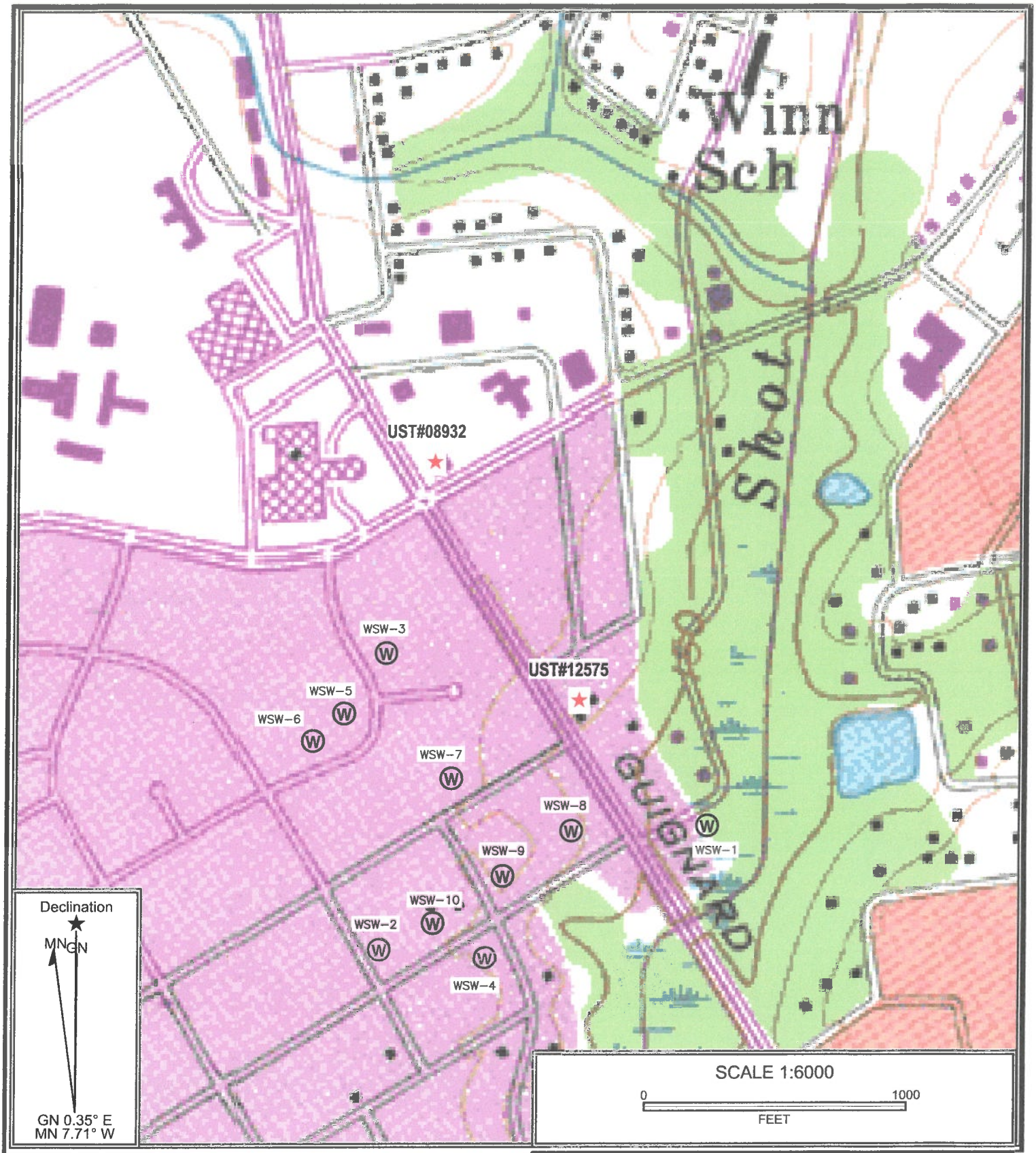
Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-29	1/23/2020	**13,700**	**41,100**	**3,120**	**16,100**	<1,250	<1,250	<1,250	**249**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**18900**	**51000**	**3890**	**19300**	<836	<1240	<824	**672**	NT	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
MW-29i	1/23/2020	**747**	**1,730**	**141**	**1,370**	**35.5J**	**69.6**	<50.0	**6.9**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	10/6/2020	**146**	<2.0	<1.8	**5.2**	**34.3**	**52.1**	**2.7 J**	**0.16**	NT	**203**	**9.0 J**	<53.9	<91.0	<24.1	**6.2**	<144	<8.5
MW-29D	1/23/2020	**617**	**1,540**	**131**	**1,310**	**30.3J**	<50.0	<50.0	**11.4**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	**<144**	<8.5
MW-30	1/23/2020	**4,450**	**12,200**	**1,250**	**6,950**	**219J**	<500	<500	**2.5**	NT	**13,000**	<1,000	<10,000	<10,000	<500	<5,000	<20,000	<1,000
	10/6/2020	**6330**	**19000**	**1670**	**9310**	**305 J**	<388	<258	**3.8**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
MW-31	1/23/2020	**1,050**	**3,090**	**296**	**1,600**	<125	<125	<125	**1.4**	NT	**3,440**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-32	1/23/2020	**3,660**	**16,200**	**1,980**	**10,200**	**273J**	<500	<500	**5.5**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	10/6/2020	**3180**	**10800**	**2250**	**10400**	**328 J**	<310	<206	**1.5**	NT	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
MW-33	1/23/2020	**15,100**	**49,400**	**3,830**	**19,600**	<1,250	<1,250	<1,250	**340**	NT	**19,300J**	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**16400**	**54000**	**3920**	**20000**	<836	<1240	<824	**146**	NT	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
MW-34	1/23/2020	**2,530**	**18,700**	**2,400**	**16,900**	**335J**	<625	<625	**5.9**	NT	<12,500	<1,250	<12,500	<12,500	<6,250	<625	<25,000	<1,250
	10/6/2020	**2880**	**15800**	**1820**	**19200**	**634**	<388	<258	**4.2**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
MW-35	1/23/2020	**12,100**	**48,800**	**3,400**	**23,000**	<1,250	<1,250	<1,250	**266**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**14200**	**43900**	**2330**	**20800**	**672 J**	<775	<515	**649**	NT	**33900**	<760	<13500	<22800	<6020	<872	<36000	<2120
TFR-1	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**2,200J**	**35,000**	**3,200**	**19,000**	**1,400J**	**220J**	<2,500	**78**	NT	<50,000	<5,000	<50,000	<50,000	<50,000	<5,000	<50,000	<50,000
	1/20/2015	**2,510**	**33,900**	**3,230**	**21,800**	**346**	**109**	<50.0	**78.3**	NT	<1,000	**162**	<1,000	<1,000	<500	<50.0	<2,000	<100
	2/9/2016	**479**	**6,640**	**616**	**13,400**	**239**	<200	<200	**27.9**	NT	<4,000	<400	<4,000	<4,000	<2,000	<200	<800	<400
	6/1/2018	**954**	**19,100**	**1,920**	**19,400**	**300J**	<625	<625	**48.2**	NT	<12,500	<1,250	<12,500	<12,500	<6,250	<625	<25,000	<1,250
	1/24/2020	**842**	**21,700**	**2,840**	**20,800**	<625	<625	<625	**12.4**	NT	<12,500	<1,250	<12,500	<12,500	<6,250	<625	<25,000	<1,250
	10/6/2020	**636**	**20200**	**4580**	**27300**	**509 J**	<388	<258	**5.6**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
TFR-2	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**3,100**	**18,000**	**440J**	**24,000**	**670J**	<1,000	<1,000	11	NT	**2,800J**	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**49.2**	**45.9**	<5.0	**286**	<5.0	**8.1**	<5.0	**0.31**	NT	**448**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**209**	**1,870**	**105**	**2,660**	**47.9**	**6.2**	<5.0	**0.23**	NT	**82.2J**	**4.1J**	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**41.3**	**341**	**38.3**	**611**	**21.2**	<10.0	<10.0	**0.051**	NT	<200	<20.0	<200	<200	<100	<10.0	<400	<20.0
	1/24/2020	**32.9**	**93.2**	**28.7**	**520**	**17.4**	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**70.0**	**269**	**21.3**	**690**	**12.4 J**	<7.8	<5.2	**0.031**	NT	<164	<7.6	<135	<228	<60.2	<8.7	<360	<21.2
TFR-3	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**7,900**	**23,000**	**820J**	**20,000**	**790J**	<1,000	<1,000	110	NT	**3,600J**	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**569**	**2,090**	**112**	**9,370**	**170**	<50.0	**28.5J**	**42.0**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	2/9/2016	**3,250**	**10,800**	**363**	**11,200**	**225**	<125	<125	**78.2**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	6/1/2018	**1,770**	**4,790**	**170J**	**6,680**	**112J**	<200	<200	**42.0**	NT	<4,000	<400	<4,000	<4,000	<2,000	<200	<8,000	<400
	1/23/2020	**2,560**	**7,520**	**319**	**6,650**	<200	<200	<200	**18.3**	NT	<4,000	<400	<4,000	<4,000	<2,000	<200	<8,000	<400
	10/6/2020	**2460**	**5560**	**211**	**3010**	**101 J**	<124	<82.4	**12.8**	NT	<2620	<122	<2160	<3640	<964	<140	<5760	<338
TFR-4	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	FPP	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/1/2013	**5,700**	**39,000**	**5,200**	**39,000**	**940J**	**110J**	**130J**	**85**	NT	<20,000	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**4,350**	**21,200**	**1,840**	**23,200**	<1,250	**58.5**	**18.9**	**113**	NT	**742**	**58.6**	<100	**94.5J**	<50.0	<5.0	<200	<10.0
	2/9/2016	**3,400**	**12,400**	**1,110**	**18,100**	**587**	<500	<500	**30.3**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	6/1/2018	**77.3**	**363**	**37.2J**	**2,560**	**119**	<50.0	<50.0	**5.9**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	1/23/2020	**174**	**508**	**24.0J**	**1,700**	**37.6**	<25.0	<25.0	**3.0**	NT	<500	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	10/6/2020	**2520**	**6990**	304	5830	**186 J**	**166 J**	<103	**12.7**	NT	<3280	<152	<2700	<4550	<1200	**<174**	<7200	<423
TFR-5	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**11,000**	**53,000**	**3,600**	**22,000**	**1,600J**	<2,500	<2,500	**150**	NT	**11,000J**	<5,000	<50,000	<50,000	<50,000	<5,000	<500,000	<50,000
	1/20/2015*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/9/2016	**9,950**	**49,300**	**3,290**	**20,400**	**495**	<250	**130J**	**209**	NT	**5,260**	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	6/1/2018	**6,350**	**32,700**	**2,630**	**18,200**	**553J**	<1,000	<1,000	**66.3**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	1/23/2020	**5,620**	**35,000**	**3,010**	**21,000**	**579J**	<1,000	<1,000	**37.9**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	10/6/2020	**4000**	**25900**	**2430**	**17900**	**592 J**	<620	<412	**19.2**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
TFR-7	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**2,600**	**5,400**	**550**	**3,600**	**170J**	<250	**170J**	**35**	NT	**3,100J**	**99J**	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	NL	NL	NL	NL	NL	**NL**	NL	NL	NL	NL	NL	**NL**	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	**NL**	NL	NL	NL	NL	NL	**NL**	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	**NL**	NL	NL	NL	NL	NL	**NL**	NL	NL	NL	NL	NL
	1/23/2020	**3.0J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.059**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**11300**	30900	**2230**	**14200**	<418	<620	**526 J**	**68.5**	NT	**35800**	<608	<10800	<18200	<4820	<698	<28800	<1690

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
OCTOBER 6, 2020 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7412
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
TFR-10	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**15,000**	**32,000**	**2,100**	**12,000**	<1,000	<1,000	**990J**	**67**	NT	**16,000J**	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**3,280**	**7,400**	**565**	**4,100**	**108**	<5.0	**92.5**	**14.7**	NT	**9,810**	<10.0	<100	250	<50.0	<5.0	<200	<10.0
	2/9/2016	**96.7**	**149**	**19.3**	**155**	**5.9**	<5.0	**16.5**	**6.1**	NT	**315**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**23.9**	**69.1**	**6.2**	**40.1**	<5.0	<5.0	**2.7J**	**0.40**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	1,470	**4,500**	**307**	**2,680**	**74.4J**	<125	<125	**3.3**	NT	**2,520**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	**10100**	**27400**	**2200**	**15500**	<418	<620	<412	**246**	NT	**15600 J**	<608	<10800	<18200	<4820	<698	<28800	<1690
TFR-11	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**22,000**	**50,000**	3,100	**18,000**	**1,500J**	**1,500J**	**1,200J**	400	NT	**26,000J**	**210J**	<50,000	<50,000	<50,000	<5,000	<500,000	<50,000
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	**14,200**	**34,300**	**2,710**	14,400	<1,000	<1,000	<1,000	**322**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	10/6/2020	**21100**	**45600**	**3860**	**20000**	**601 J**	<775	**683 J**	**636**	NT	**22200 J**	<760	<13500	<22800	<6020	<872	<36000	<2120
TFR-12	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013*	**FPP**	**FPP**	**FPP**	**FPP**	FPP	**FPP**	**FPP**	**FPP**	**FPP**	FPP	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	1/20/2015	**7,840**	**23,600**	**1,180J**	**8,060**	<2,500	<5.0	**141**	**127**	NT	<50,000	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**2,110**	**6,460**	**392**	**2,930**	<250	<250	**110J**	**57.6**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	6/1/2018	**5,090**	14,100	**877**	**6,120**	<500	<500	<500	**62.4**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	1/23/2020	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
	10/6/2020	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
SW-1	1/23/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.53 J**	**0.29 J**	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-2	1/23/2020	<1.0	**0.36J**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.40 J**	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-3	1/23/2020	<1.0	**0.33J**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.37 J**	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-4	1/23/2020	<1.0	**0.28J**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.29 J**	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-5	1/23/2020	<1.0	**2.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-6	1/23/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
WSW-3	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
WSW-5	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
WSW-6	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
MW-1R DUP.	1/20/2015	**1,030**	**20,100**	**2,950**	**14,800**	**375**	<50.0	<50.0	**3.1**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
MW-7 DUP.	1/20/2015	**14,700**	**50,900**	**4,160**	**28,100**	<2,500	**1,000**	<100	**154**	NT	**6,680**	<200	<2,000	<2,000	<1,000	<100	<4,000	<200
MW-2 DUP.	2/9/2016	**17.8**	**8.4**	**138**	**108**	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
MW-8 DUP.	2/9/2016	**1,510**	**13,000**	**791**	**9,450**	**511**	<500	<500	**18.9**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
DUP-1 (TFR-3)	6/1/2018	**1,610**	**4,430**	**168**	**6,410**	**98.4J**	<125	<125	**72.4**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
DUP-2 (TFR-6)	6/1/2018	**6,920**	**35,400**	**2,820**	**19,400**	**559J**	<1,000	<1,000	**79.3**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
DUP-1 (TFR-11)	1/23/2020	**14,500**	**34,600**	**2,680**	**14,200**	<1,000	<1,000	<1,000	**352**	NT	**14,600J**	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
DUP-2 (TFR-10)	1/23/2020	**1,450**	**4,330**	**310**	**2,560**	**72.1J**	<125	<125	**3.5**	NT	**2,290J**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
DUP-3 (MW-35)	1/23/2020	**11,400**	**45,800**	**3,160**	**21,700**	<1,250	<1,250	<1,250	**269**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
WSW DUP (WSW-3)	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
DUP-1 (MW-19)	10/6/2020	**30.5**	<2.0	<1.8	<5.0	**39.8**	**57.8**	**3.1 J**	**0.057**	NT	**2910**	<3.0	<53.9	**206**	<24.1	<3.5	**<144**	<8.5
DUP-2 (MW-33)	10/6/2020	**16400**	**55300**	**4020**	**19500**	<836	<1240	<824	**280**	NT	**28000 J**	<1220	<21600	<36400	<9640	<1400	<57600	<3380
DUP-3 (TFR-9)	10/6/2020	**11900**	**29500**	**2270**	**14900**	**628 J**	<775	**669 J**	**160**	NT	**47400**	<760	<13500	<22800	<6020	<872	<36000	<2120
WSW DUP (WSW-5)	10/6/2020	<0.25	<0.24	<0.26	**0.60**	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
Field Blank	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.038**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
Trip Blank	8/31/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	NT	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7

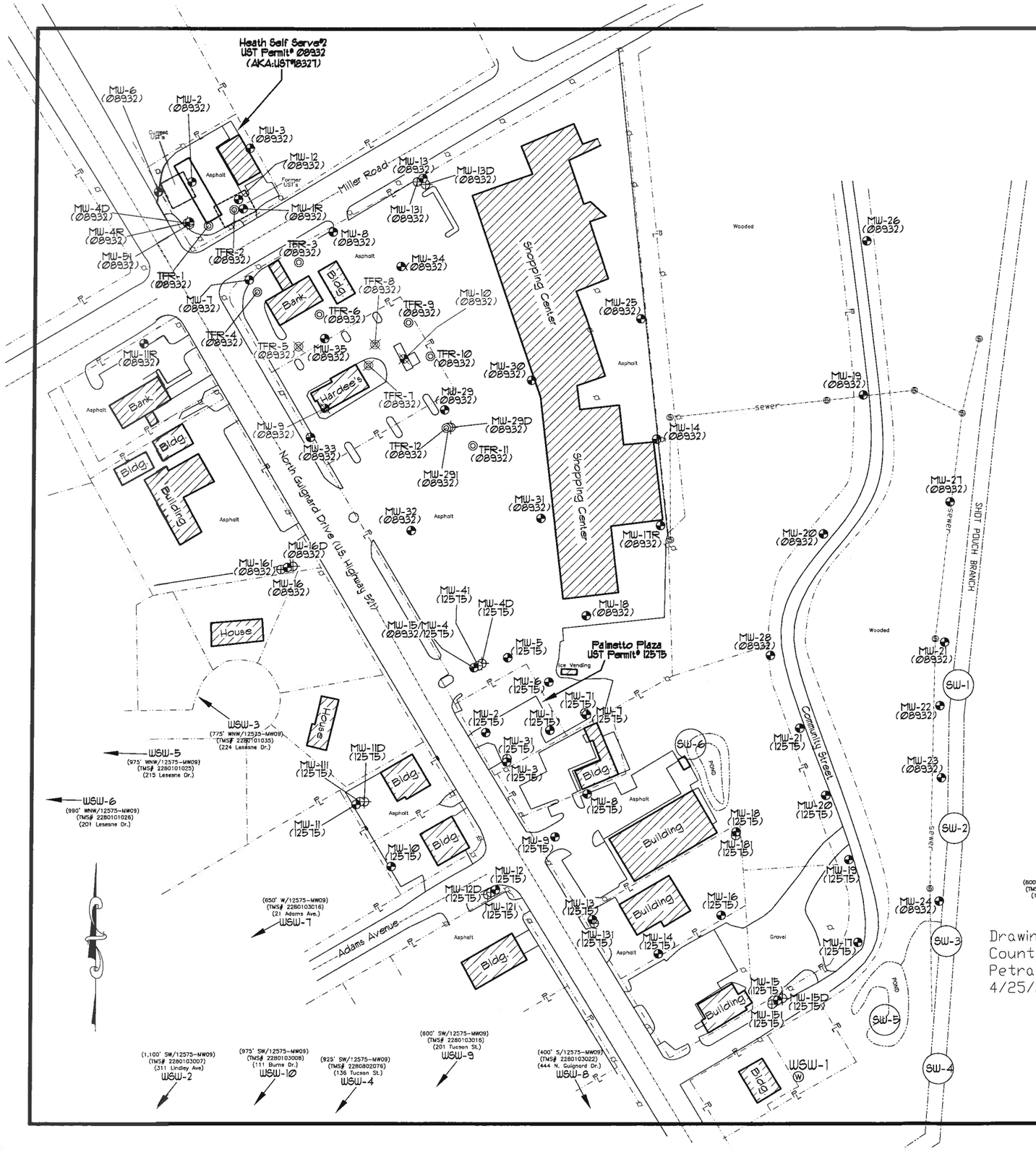
Notes:
1. BDL = Below Practical Quantitative Limits
2. ug/l = micrograms per liter
3. mg/l = milligrams per liter
4. MTBE = Methyl-Tertiary-Butyl Ether
5. See Appendix for Laboratory Detection Limits
6. NL = Not Located
7. DRY = Well was Dry at the time of Sampling
8. NT = Not Tested
9. EDB = Ethylene Dibromide
10. 1,2 DCA = 1,2-Dichloroethane
11. PROD = Free Phase Petroleum Product
12. * = Sample collected beneath Product
13. "J" Values used in Total BTEX Calculations
14. "J" values report concentrations above the method detection limits (MDL) and below actual reporting limit (RL).
15. B = Detected in Method Blank
16. S = MS/MSD Failure
17. P = The RPD between the two columns exceeds 40%.
18. DIPE = Diisopropyl Ether
19. ETBE = Ethyl tert-butyl Ether
20. TAA = tert-Amyl Alcohol
21. TAME = tert-Amyl Methyl Ether
22. TBA = ter-Butyl Alcohol
23. TBF = tert-Butyl Formate
24. ETBA = 3,3-Dimethyl-1-Butanol
25. ABD. = Well has been Abandoned
26. OBS = Well Obstructed

FIGURES



Reference: Sumter East, South Carolina
USGS 7.5 Min. Quad
Contour Interval – 10 Feet

Midlands Environmental Consultants, Inc.	Site Location
Heath Self Serve 2 501 North Guignard Drive, Sumter, SC SCDHEC Site ID# 08932	
Figure 1	MECI 20-7412



Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of 4-Inch Recovery Well
- Location of "Deep" Monitoring Well
- Location of Abandoned Well
- Location of "Intermediate" Monitoring Well
- (SW) Location of Surface Water Sample Collection
- Estimated Location of Removed Underground Storage Tanks
- Estimated Location of Existing Underground Storage Tanks
- Property Line
- Buried Sewer
- Stream

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

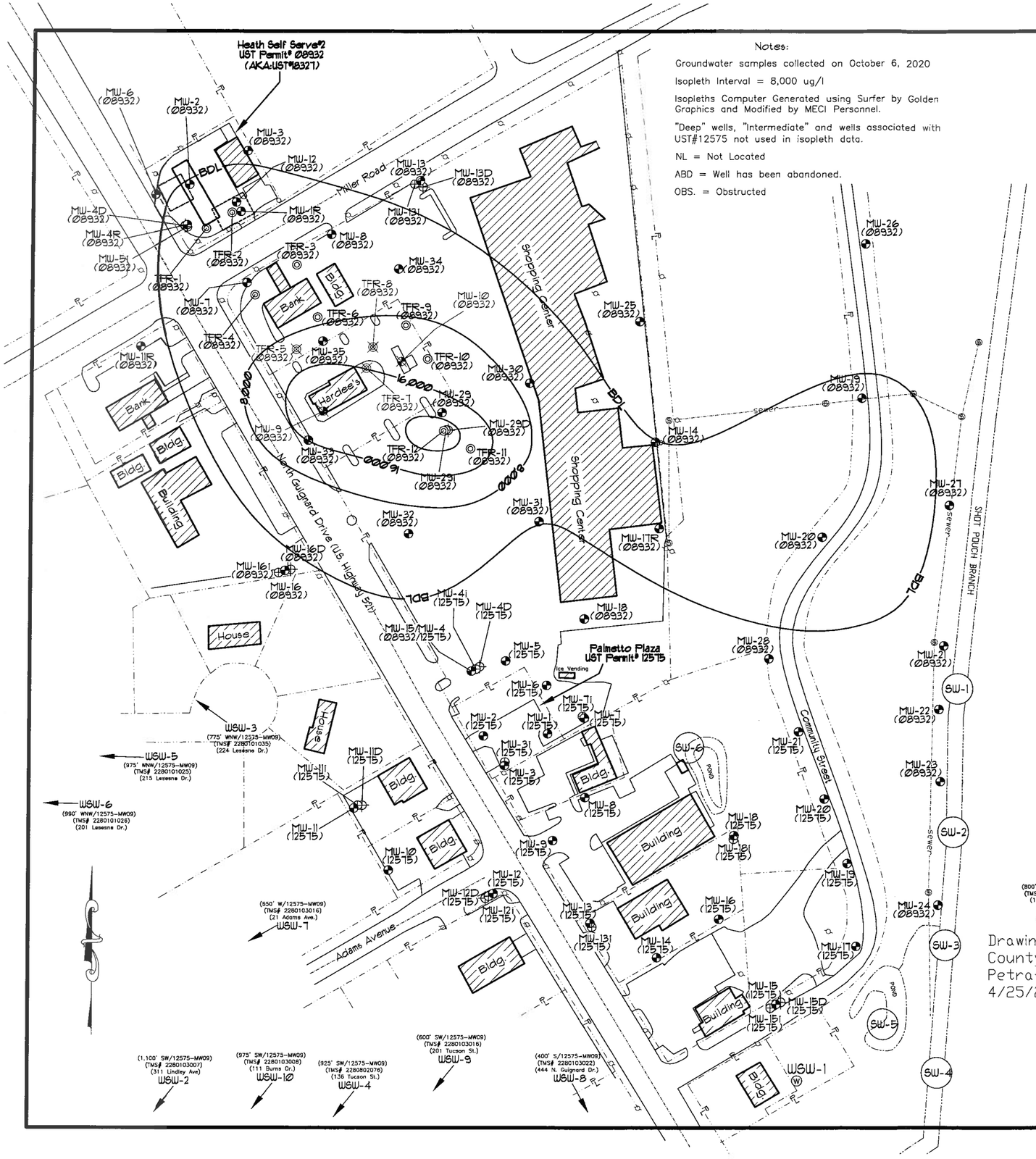
ALL LOCATIONS ARE APPROXIMATE

Site Base Map

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 20-7412
DATE October 15, 2020
FIGURE 2



Notes:

Groundwater samples collected on October 6, 2020

Isopleth Interval = 8,000 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l) RBSL 5	Toluene (µg/l) RBSL 1,000	Ethylbenzene (µg/l) RBSL 700	Total Xylenes (µg/l) RBSL 10,000	Naphthalene (µg/l) RBSL 25	MTBE (µg/l) RBSL 40	1,2 DCA (µg/l) RBSL 5	EDB (µg/l) RBSL 0.05
MW-1R	674	15200	3960	22200	646	<388	<258	0.59
MW-2	2.3 J	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-3	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-4R	343	7150	765	4930	109 J	<155	<103	1.9
MW-4D	1.8 J	<2.0	4.9 J	<5.0	<2.1	<3.1	<2.1	<0.012
MW-5I	16.2	<2.0	<1.8	<5.0	4.4 J	8.5	<2.1	<0.011
MW-6	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-7	5200	21900	1690	15900	631 J	<620	<412	40.5
MW-8	737	9330	1760	11700	498	<155	<103	4.0
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-12	409	5030	1260	10900	498	<124	<82.4	<0.011
MW-13	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-13I	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-13D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-14	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-15	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-16	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-16I	3.9 J	<2.0	2.4 J	28.4	<2.1	<3.1	<2.1	<0.011
MW-16D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-17R	404	15.2	61.9	253	16.0	<7.8	12.7	<0.012
MW-18	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-19	31.9	<2.0	<1.8	<5.0	50.3	62.0	3.6 J	<0.011
MW-20	152	<2.0	50.7	<5.0	18.8	23.3	5.6	<0.012
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-23	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-26	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-27	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-28	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-29	18900	51000	3890	15300	<836	<1240	<824	672
MW-29I	146	<2.0	<1.8	5.2	34.3	52.1	2.7 J	0.16
MW-29D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-30	6330	19000	1670	9310	305 J	<388	<258	3.8
MW-31	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-32	3180	10800	2250	10400	328 J	<310	<206	1.5
MW-33	16400	54000	3920	20000	<836	<1240	<824	146
MW-34	2880	15800	1820	19200	634	<388	<258	4.2
MW-35	14200	43900	2330	20800	672 J	<775	<515	649
TFR-1	636	20200	4580	27300	509 J	<388	<258	5.6
TFR-2	70.0	269	21.3	690	12.4 J	<7.8	<5.2	0.031
TFR-3	2460	5560	211	3010	101 J	<124	<82.4	12.8
TFR-4	2520	6990	304	5830	186 J	166 J	<103	12.7
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	4000	25900	2430	17900	592 J	<620	<412	19.2
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	11300	30900	2230	14200	<418	<620	526 J	68.5
TFR-10	10100	27400	2200	15500	<418	<620	<412	246
TFR-11	21100	45600	3860	20000	601 J	<775	683 J	636
TFR-12	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
SW-1	0.53 J	0.29 J	<0.28	<0.63	<0.35	<0.28	<0.34	<0.011
SW-2	0.40 J	<0.24	<0.28	<0.63	<0.35	<0.28	<0.34	<0.011
SW-3	0.37 J	<0.24	<0.28	<0.63	<0.35	<0.28	<0.34	<0.012
SW-4	0.29 J	<0.24	<0.28	<0.63	<0.35	<0.28	<0.34	<0.012
SW-5	<0.15	<0.24	<0.28	<0.63	<0.35	<0.28	<0.34	<0.012
SW-6	<0.15	<0.24	<0.28	<0.63	<0.35	<0.28	<0.34	<0.011
WSW-3	<0.25	<0.24	<0.28	<0.25	<0.31	<0.094	<0.13	<0.012
WSW-5	<0.25	<0.24	<0.28	<0.25	<0.31	<0.094	<0.13	<0.011
WSW-6	<0.25	<0.24	<0.28	<0.25	<0.31	<0.094	<0.13	<0.011
DUP-1 (MW-19)	30.5	<2.0	<1.8	<5.0	39.8	57.8	3.1 J	0.057
DUP-2 (MW-33)	16400	55300	4020	19500	<836	<1240	<824	280
DUP-3 (TFR-9)	11900	29500	2270	14900	628 J	<775	669 J	160
WSW DUP (WSW-5)	<0.25	<0.24	<0.28	0.60	<0.31	<0.094	<0.13	<0.011
Field Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
	<0.25	<0.24	<0.28	<0.25	<0.31	<0.094	<0.13	<0.011
Trip Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<0.25	<0.24	<0.28	<0.25	<0.31	<0.094	<0.13	NT

Groundwater CoC Site Map
(Benzene Isopleth)

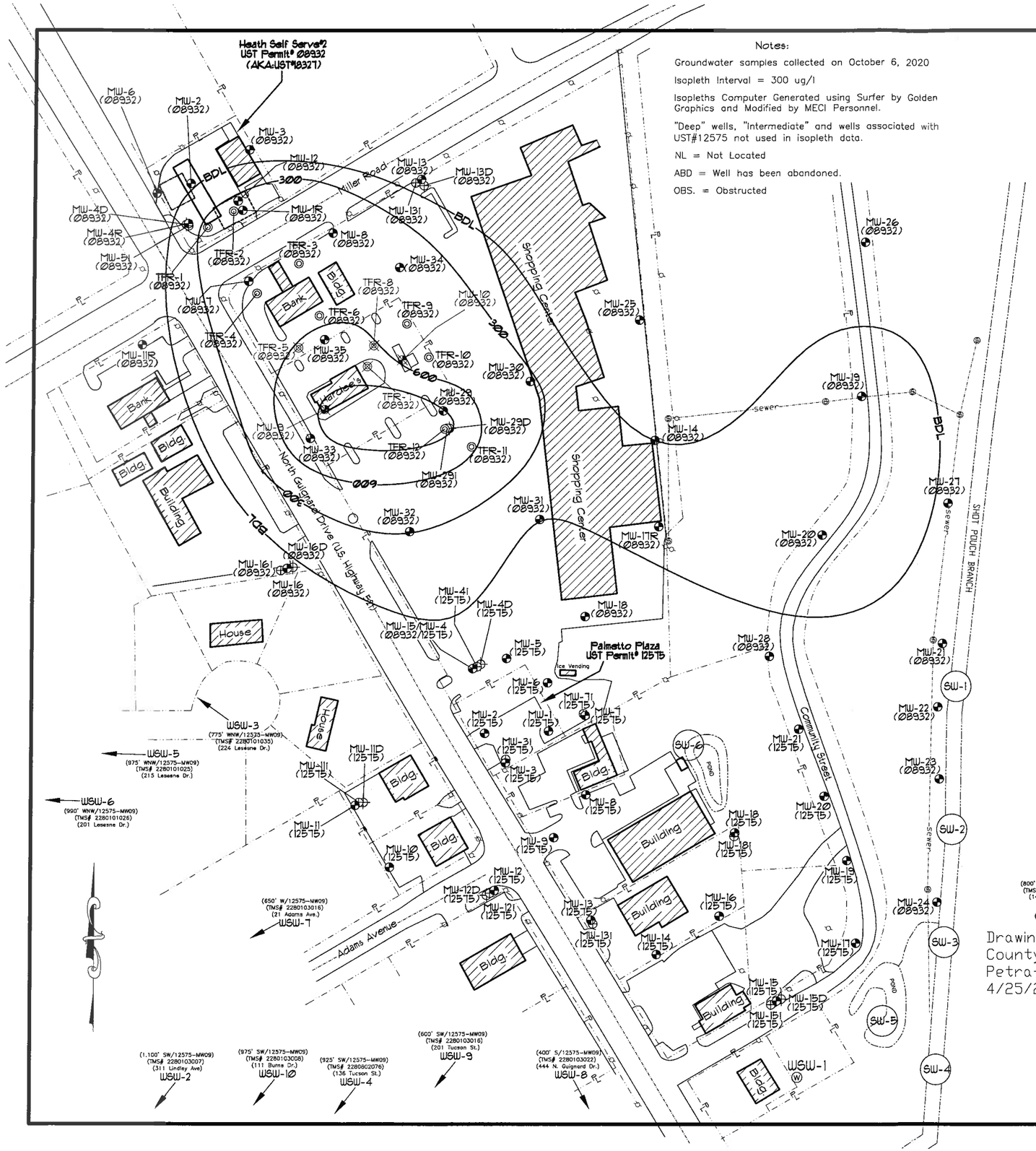
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 20-7412

DATE October 15, 2020

FIGURE 4



Notes:

Groundwater samples collected on October 6, 2020

Isopleth Interval = 300 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l) RBSL 5	Toluene (µg/l) RBSL 1,000	Ethylbenzene (µg/l) RBSL 700	Total Xylenes (µg/l) RBSL 10,000	Naphthalene (µg/l) RBSL 25	MTBE (µg/l) RBSL 40	1,2 DCA (µg/l) RBSL 5	EDB (µg/l) RBSL 0.05
MW-1R	674	15200	3960	22200	646	<388	<258	0.59
MW-2	2.3 J	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-3	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-4R	343	7150	765	4930	109 J	<155	<103	1.9
MW-4D	1.8 J	<2.0	4.9 J	<5.0	<2.1	<3.1	<2.1	<0.012
MW-5i	16.2	<2.0	<1.8	<5.0	4.4 J	8.5	<2.1	<0.011
MW-6	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-7	5200	21900	1690	15900	631 J	<620	<412	40.5
MW-8	737	9330	1760	11700	498	<155	<103	4.0
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-12	409	5030	1260	10900	498	<124	<82.4	<0.011
MW-13	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-13i	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-13D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-14	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-15	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-16	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-16i	3.9 J	<2.0	2.4 J	28.4	<2.1	<3.1	<2.1	<0.011
MW-16D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-17R	404	15.2	61.9	253	16.0	<7.8	12.7	<0.012
MW-18	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-19	31.9	<2.0	<1.8	<5.0	50.3	62.0	3.6 J	<0.011
MW-20	152	<2.0	50.7	<5.0	18.8	23.3	5.6	<0.012
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-23	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-26	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-27	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-28	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-29	18900	51000	3890	19300	<836	<1240	<824	672
MW-29i	146	<2.0	<1.8	5.2	34.3	52.1	2.7 J	0.16
MW-29D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-30	6330	19000	1670	9310	305 J	<388	<258	3.8
MW-31	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-32	3180	10800	2250	10400	328 J	<310	<206	1.5
MW-33	16400	54000	3920	20000	<836	<1240	<824	146
MW-34	2880	15800	1820	19200	634	<388	<258	4.2
MW-35	14200	43900	2330	20800	672 J	<775	<515	649
TFR-1	636	20200	4580	27300	509 J	<388	<258	5.6
TFR-2	70.0	269	21.3	690	12.4 J	<7.8	<5.2	0.031
TFR-3	2460	5560	211	3010	101 J	<124	<82.4	12.8
TFR-4	2520	6990	304	5830	186 J	166 J	<103	12.7
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	4000	25900	2430	17900	592 J	<620	<412	19.2
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	11300	30900	2230	14200	<418	<620	526 J	68.5
TFR-10	10100	27400	2200	15500	<418	<620	<412	246
TFR-11	21100	45600	3860	20000	601 J	<775	683 J	636
TFR-12	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
SW-1	0.53 J	0.29 J	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011
SW-2	0.40 J	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011
SW-3	0.37 J	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012
SW-4	0.29 J	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012
SW-5	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012
SW-6	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011
WSW-3	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.012
WSW-5	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011
WSW-6	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011
DUP-1 (MW-19)	30.5	<2.0	<1.8	<5.0	39.8	57.8	3.1 J	0.057
DUP-2 (MW-33)	16400	55300	4020	19500	<836	<1240	<824	280
DUP-3 (TFR-9)	11900	29500	2270	14900	628 J	<775	669 J	160
WSW DUP (WSW-5)	<0.25	<0.24	<0.26	0.60	<0.31	<0.094	<0.13	<0.011
Field Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011
Trip Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	NT

Groundwater CoC Site Map
(Naphthalene Isopleth)

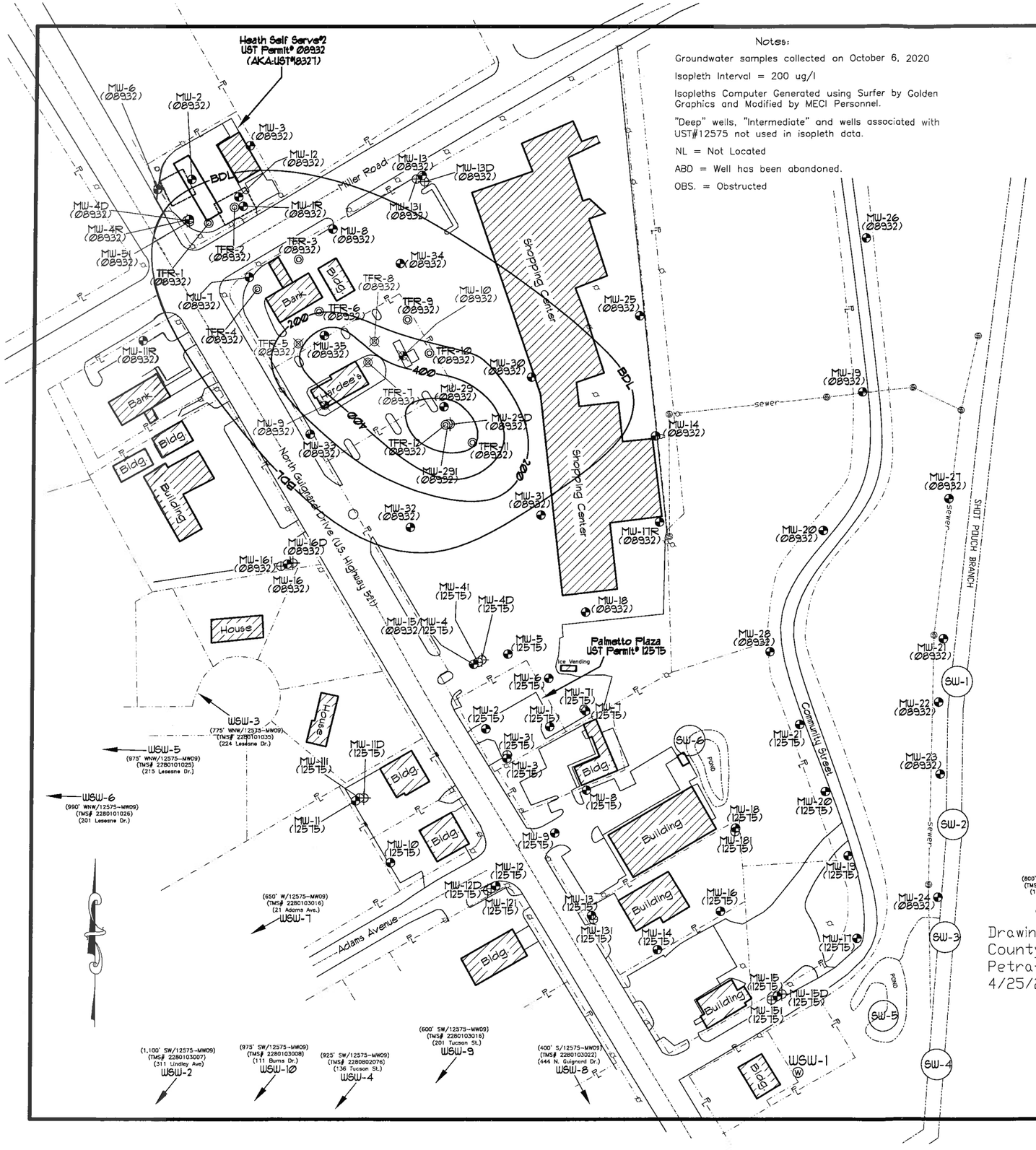
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 20-7412

DATE October 15, 2020

FIGURE 4A



Notes:

Groundwater samples collected on October 6, 2020

Isopleth Interval = 200 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l) RBSL 5	Toluene (µg/l) RBSL 1,000	Ethylbenzene (µg/l) RBSL 700	Total Xylenes (µg/l) RBSL 10,000	Naphthalene (µg/l) RBSL 25	MTBE (µg/l) RBSL 40	1,2 DCA (µg/l) RBSL 5	EDB (µg/l) RBSL 0.05
MW-1R	674	15200	3960	22200	646	<388	<258	0.59
MW-2	2.3 J	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-3	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-4R	343	7150	765	4930	109 J	<155	<103	1.9
MW-4D	1.8 J	<2.0	4.9 J	<5.0	<2.1	<3.1	<2.1	<0.012
MW-5	16.2	<2.0	<1.8	<5.0	4.4 J	8.5	<2.1	<0.011
MW-6	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-7	5200	21900	1690	16900	531 J	<620	<412	40.5
MW-8	737	9330	1750	11700	498	<155	<103	4.0
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-12	409	5030	1260	10900	498	<124	<82.4	<0.011
MW-13	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-13I	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-13D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-14	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-15	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-16	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-16I	3.9 J	<2.0	2.4 J	28.4	<2.1	<3.1	<2.1	<0.011
MW-16D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-17R	404	15.2	51.9	253	16.0	<7.8	12.7	<0.012
MW-18	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-19	31.9	<2.0	<1.8	<5.0	50.3	62.0	3.6 J	<0.011
MW-20	152	<2.0	50.7	<5.0	18.8	23.3	5.6	<0.012
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-23	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-26	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-27	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-28	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-29	18900	51000	3890	19300	<836	<1240	<824	572
MW-29I	146	<2.0	<1.8	5.2	34.3	52.1	2.7 J	0.16
MW-29D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
MW-30	6330	19000	1670	9310	305 J	<388	<258	3.8
MW-31	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012
MW-32	3180	10800	2250	10400	328 J	<310	<206	1.5
MW-33	16400	54000	3820	20000	<836	<1240	<824	146
MW-34	2880	15800	1820	19200	634	<388	<258	4.2
MW-35	14200	43900	2330	20800	672 J	<775	<515	649
TFR-1	636	20200	4580	27300	509 J	<388	<258	5.6
TFR-2	70.0	269	21.3	690	12.4 J	<7.8	<5.2	0.031
TFR-3	2460	5560	211	3010	101 J	<124	<82.4	12.8
TFR-4	2520	6990	304	5830	186 J	166 J	<103	12.7
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	4000	25900	2430	17900	592 J	<620	<412	19.2
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	11300	30900	2230	14200	<418	<620	526 J	68.5
TFR-10	10100	27400	2200	15500	<418	<620	<412	246
TFR-11	21100	45600	3860	20000	601 J	<775	683 J	636
TFR-12	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
SW-1	0.53 J	0.29 J	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011
SW-2	0.40 J	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011
SW-3	0.37 J	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012
SW-4	0.29 J	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012
SW-5	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012
SW-6	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011
WSW-3	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.012
WSW-5	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011
WSW-6	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011
DUP-1 (MW-19)	30.5	<2.0	<1.8	<5.0	39.8	57.8	3.1 J	0.057
DUP-2 (MW-33)	16400	55300	4020	19500	<836	<1240	<824	280
DUP-3 (TFR-9)	11900	29500	2270	14900	628 J	<775	669 J	160
WSW DUP (WSW-5)	<0.25	<0.24	<0.26	0.60	<0.31	<0.094	<0.13	<0.011
Field Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011
	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011
Trip Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	NT

Groundwater CoC Site Map
(EDB Isopleth)

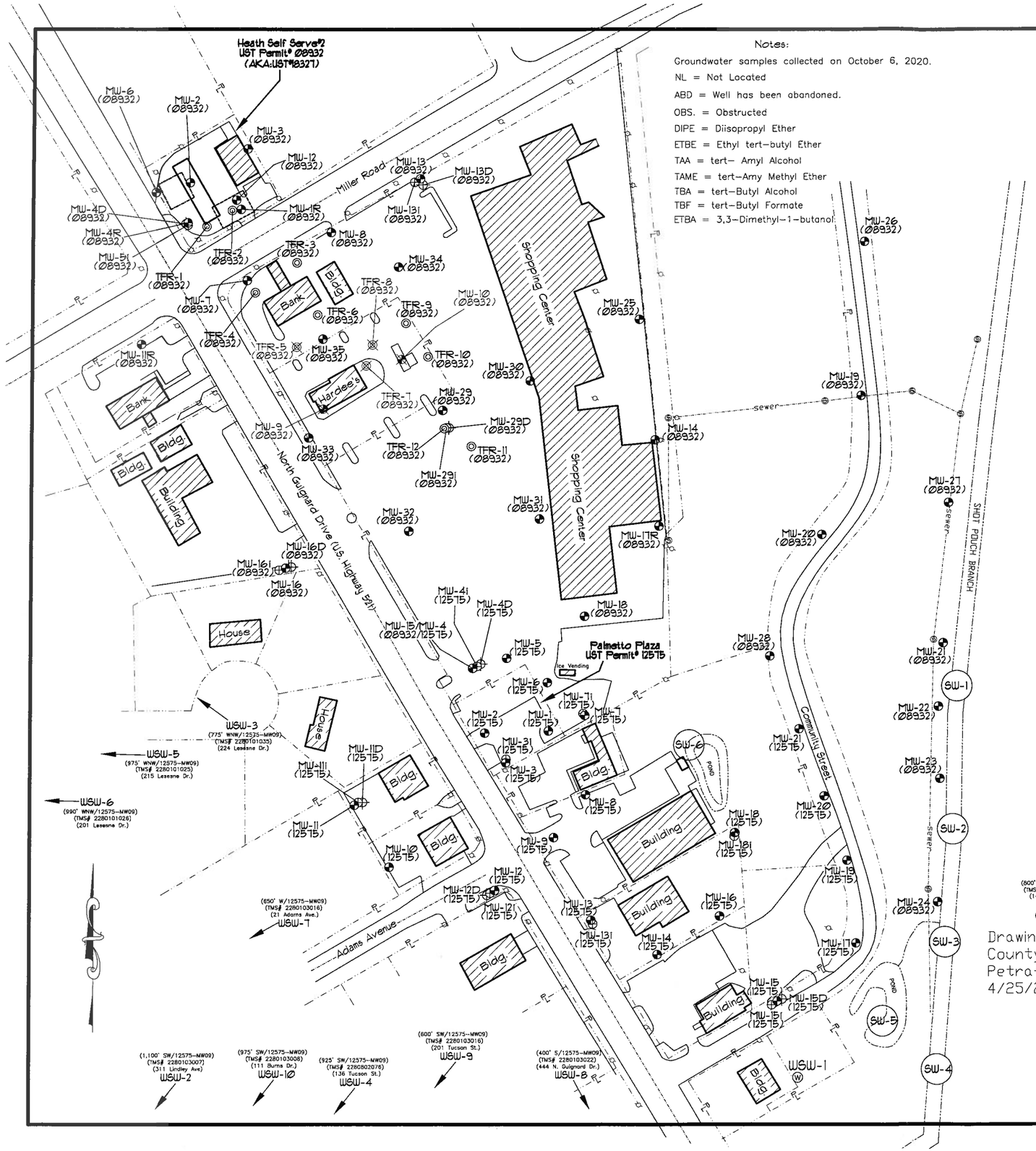
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 20-7412

DATE October 15, 2020

FIGURE 4B



Notes:

Groundwater samples collected on October 6, 2020.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

DIPE = Diisopropyl Ether

ETBE = Ethyl tert-butyl Ether

TAA = tert- Amyl Alcohol

TAME = tert-Amy Methyl Ether

TBA = tert-Butyl Alcohol

TBF = tert-Butyl Formate

ETBA = 3,3-Dimethyl-1-butanol

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER COC CONCENTRATION DATA (OXYGENATES)

Well Number	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
	RBSL 240	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-1R	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
MW-2	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-3	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-4R	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
MW-4D	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-5i	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-6	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-7	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
MW-8	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-12	<2620	<122	<2160	<3640	<964	<140	<5760	<338
MW-13	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-13i	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-13D	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-14	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-15	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16i	**240**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16D	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-17R	**1370**	<7.6	<135	<228	<60.2	<8.7	<360	<21.2
MW-18	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-19	**3230**	<3.0	<53.9	**236**	<24.1	<3.5	<144	<8.5
MW-20	**2940**	<3.0	<53.9	**142**	<24.1	<3.5	<144	<8.5
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-23	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-26	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-27	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-28	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-29	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
MW-29i	**203**	**9.0 J**	<53.9	<91.0	<24.1	**6.2**	<144	<8.5
MW-29D	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-30	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
MW-31	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-32	<6580	<304	<5390	<9100	<2410	<349	<14400	<846
MW-33	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
MW-34	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
MW-35	**33900**	<760	<13500	<22800	<6020	<872	<36000	<2120
TFR-1	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
TFR-2	<164	<7.6	<135	<228	<60.2	<8.7	<360	<21.2
TFR-3	<2620	<122	<2160	<3640	<964	<140	<5760	<338
TFR-4	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	**35800**	<608	<10800	<18200	<4820	<698	<28800	<1690
TFR-10	**15600 J**	<608	<10800	<18200	<4820	<698	<28800	<1690
TFR-11	**22200 J**	<760	<13500	<22800	<6020	<872	<36000	<2120
TFR-12	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
SW-1	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-2	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-3	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-4	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-5	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
SW-6	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
WSW-3	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
WSW-5	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
WSW-6	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
DUP-1 (MW-19)	**2910**	<3.0	<53.9	**206**	<24.1	<3.5	<144	<8.5
DUP-2 (MW-33)	**28000 J**	<1220	<21600	<36400	<9640	<1400	<57600	<3380
DUP-3 (TFR-9)	**47400**	<760	<13500	<22800	<6020	<872	<36000	<2120
WSW DUP (WSW-5)	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
Field Blank	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
Trip Blank	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7

Groundwater CoC Site Map
(Oxygenates)

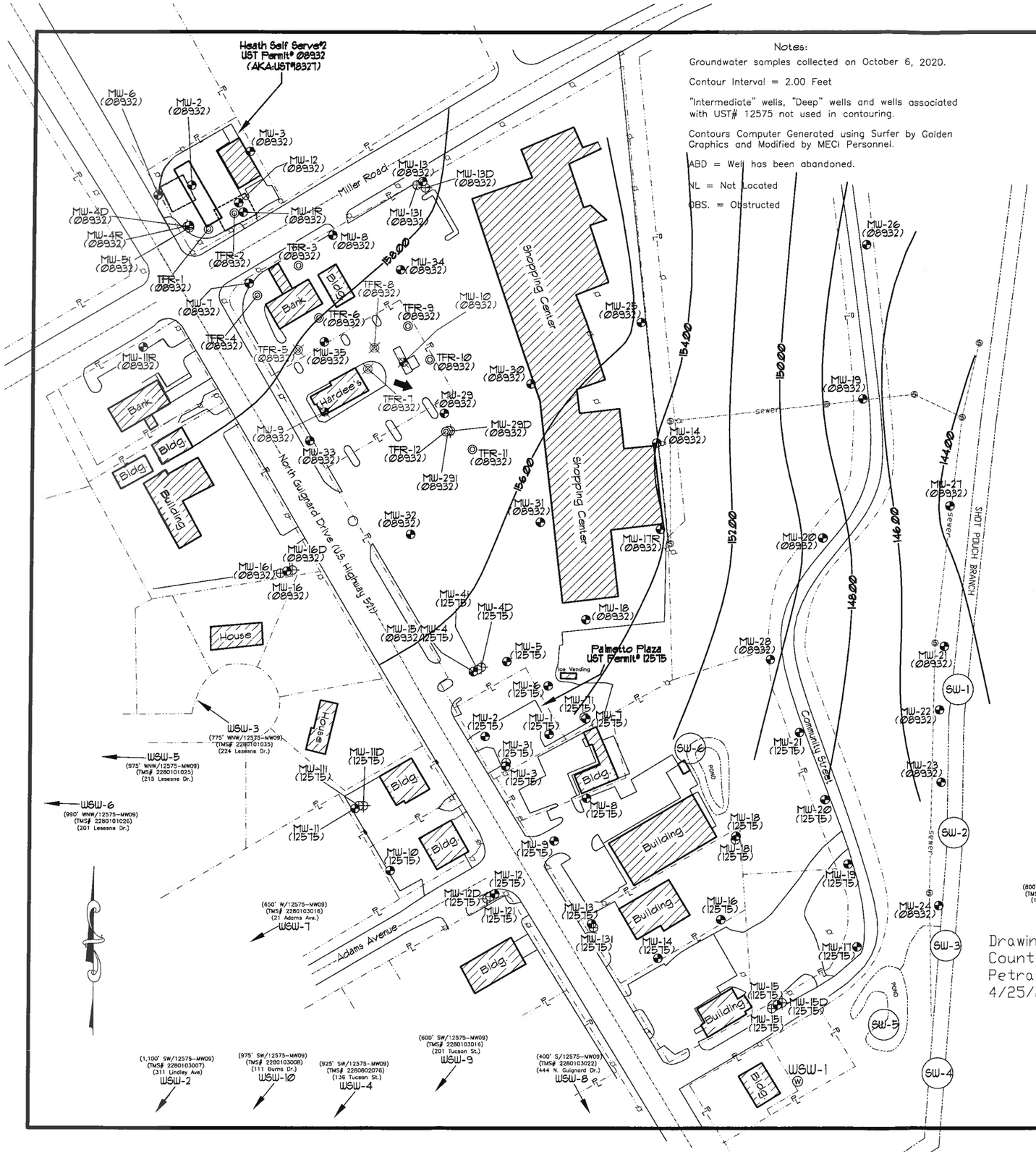
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 20-7412

DATE October 15, 2020

FIGURE 4C



Notes:

Groundwater samples collected on October 6, 2020.

Contour Interval = 2.00 Feet

"Intermediate" wells, "Deep" wells and wells associated with UST# 12575 not used in contouring.

Contours Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

ABD = Well has been abandoned.

NL = Not Located

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

—— Groundwater Elevation Contour (feet)

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

POTENTIOMETRIC DATA

Well Number	Screened Interval	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Well-head Elevation	Groundwater Elevation
MW-1R	13-23	---	12.94	---	171.85	158.91
MW-2	14-24	---	12.80	---	171.75	158.95
MW-3	14-24	---	14.50	---	173.70	159.20
MW-4R	12-22	---	12.22	---	171.22	159.00
MW-4D	52-57	---	13.51	---	171.17	157.66
MW-5i	40-45	---	12.59	---	171.15	158.56
MW-6	12-22	---	12.04	---	171.25	159.21
MW-7	12-22	---	12.83	---	171.23	158.40
MW-8	13-23	---	13.71	---	172.15	158.44
MW-9	13-23	---	Abandoned	---	170.53	Abandoned
MW-10	13-23	---	Abandoned	---	170.31	Abandoned
MW-11R	13-23	---	11.60	---	170.33	158.73
MW-12	10-30	---	13.35	---	172.28	158.93
MW-13	13-23	---	14.20	---	172.43	158.23
MW-13i	40-45	---	14.44	---	172.40	157.96
MW-13D	53-58	---	15.12	---	172.34	157.22
MW-14	10-20	---	10.12	---	164.01	153.89
MW-15	8-18	---	8.41	---	163.92	155.51
MW-16	10-20	---	10.11	---	166.77	156.66
MW-16i	40-45	---	10.02	---	166.66	156.64
MW-16D	55-60	---	10.83	---	166.78	155.95
MW-17R	10-20	---	9.64	---	163.81	154.17
MW-18	10-20	---	10.10	---	165.04	154.94
MW-19	3-13	---	2.88	---	149.34	146.46
MW-20	3-13	---	3.75	---	153.24	149.49
MW-21	3-13	---	NL	---	145.46	NL
MW-22	3-13	---	1.10	---	145.86	144.76
MW-23	3-13	---	0.00	---	145.47	145.47
MW-24	3-13	---	NL	---	144.62	NL
MW-25	6-16	---	6.28	---	162.47	156.19
MW-26	5-15	---	3.46	---	150.23	146.77
MW-27	6-16	---	2.60	---	146.19	143.59
MW-28	2-12	---	3.45	---	153.73	150.28
MW-29	10-20	---	12.11	---	169.20	157.09
MW-29i	40-45	---	12.14	---	169.12	156.98
MW-29D	55-60	---	13.42	---	169.08	155.66
MW-30	10-20	---	11.68	---	168.05	156.37
MW-31	10-20	---	12.09	---	167.65	155.56
MW-32	10-20	---	11.28	---	168.07	156.79
MW-33	10-20	---	11.64	---	169.33	157.69
MW-34	10-20	---	12.54	---	170.36	157.82
MW-35	10-20	---	13.32	---	171.18	157.86
TFR-1	TD: 24.40'	---	12.55	---	171.56	159.01
TFR-2	TD: 24.00'	---	13.20	---	172.02	158.82
TFR-3	TD: 25.20'	---	13.12	---	171.48	158.36
TFR-4	TD: 24.30'	---	13.02	---	171.35	158.33
TFR-5	TD: 25.00'	---	Abandoned	---	171.34	Abandoned
TFR-6	TD: 22.18'	---	13.03	---	171.03	158.00
TFR-7	TD: 25.00'	---	Abandoned	---	170.92	Abandoned
TFR-8	TD: 25.00'	---	Abandoned	---	170.74	Abandoned
TFR-9	TD: 25.01'	---	12.35	---	169.85	157.50
TFR-10	TD: 24.92'	---	11.78	---	168.99	157.21
TFR-11	TD: 25.03'	---	12.04	---	168.71	156.67
TFR-12	TD: 25.03'	11.93	12.58	0.65	169.21	157.18

Potentiometric Data Site Map
(Groundwater Contour-"Shallow" Zone)

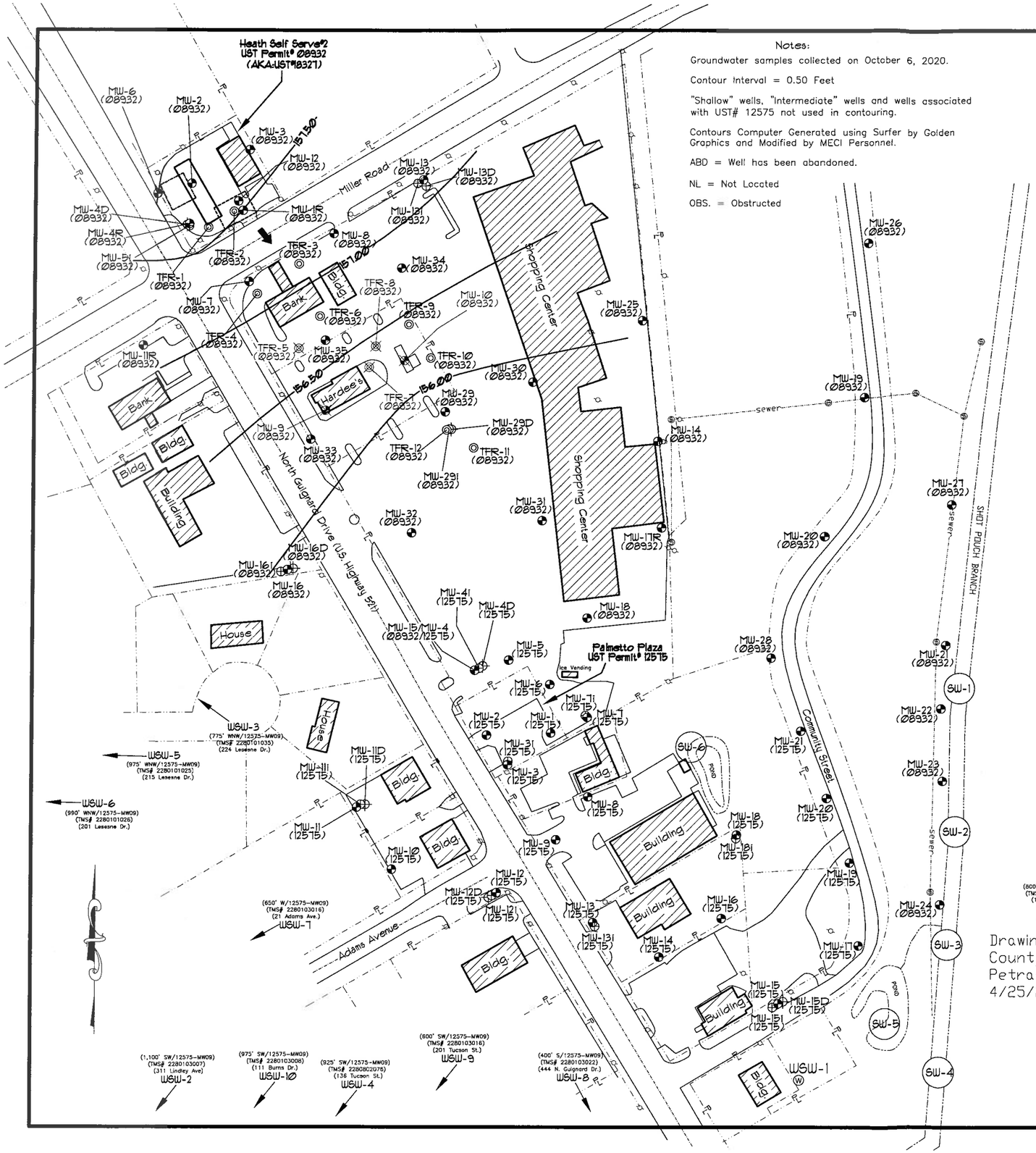
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 20-7412

DATE October 15, 2020

FIGURE 5



Notes:

Groundwater samples collected on October 6, 2020.

Contour Interval = 0.50 Feet

"Shallow" wells, "Intermediate" wells and wells associated with UST# 12575 not used in contouring.

Contours Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

ABD = Well has been abandoned.

NL = Not Located

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

—— Groundwater Elevation Contour (feet)

POTENTIOMETRIC DATA

Well Number	Screened Interval	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Well-head Elevation	Groundwater Elevation
MW-1R	13-23	---	12.94	---	171.85	158.91
MW-2	14-24	---	12.80	---	171.75	158.95
MW-3	14-24	---	14.50	---	173.70	159.20
MW-4R	12-22	---	12.22	---	171.22	159.00
MW-4D	52-57	---	13.51	---	171.17	157.66
MW-5i	40-45	---	12.59	---	171.15	158.56
MW-6	12-22	---	12.04	---	171.25	159.21
MW-7	12-22	---	12.83	---	171.23	158.40
MW-8	13-23	---	13.71	---	172.15	158.44
MW-9	13-23	---	Abandoned	---	170.53	Abandoned
MW-10	13-23	---	Abandoned	---	170.31	Abandoned
MW-11R	13-23	---	11.60	---	170.33	158.73
MW-12	10-30	---	13.35	---	172.28	158.93
MW-13	13-23	---	14.20	---	172.43	158.23
MW-13i	40-45	---	14.44	---	172.40	157.96
MW-13D	53-58	---	15.12	---	172.34	157.22
MW-14	10-20	---	10.12	---	164.01	153.89
MW-15	8-18	---	8.41	---	163.92	155.51
MW-16	10-20	---	10.11	---	166.77	156.66
MW-16i	40-45	---	10.02	---	166.66	156.64
MW-16D	55-60	---	10.83	---	166.78	155.95
MW-17R	10-20	---	9.64	---	163.81	154.17
MW-18	10-20	---	10.10	---	165.04	154.94
MW-19	3-13	---	2.88	---	149.34	146.46
MW-20	3-13	---	3.75	---	153.24	149.49
MW-21	3-13	---	NL	---	145.46	NL
MW-22	3-13	---	1.10	---	145.86	144.76
MW-23	3-13	---	0.00	---	145.47	145.47
MW-24	3-13	---	NL	---	144.62	NL
MW-25	6-16	---	6.28	---	162.47	156.19
MW-26	5-15	---	3.46	---	150.23	146.77
MW-27	6-16	---	2.60	---	146.19	143.59
MW-28	2-12	---	3.45	---	153.73	150.28
MW-29	10-20	---	12.11	---	169.20	157.09
MW-29i	40-45	---	12.14	---	169.12	156.98
MW-29D	55-60	---	13.42	---	169.08	155.66
MW-30	10-20	---	11.68	---	168.05	156.37
MW-31	10-20	---	12.09	---	167.65	155.56
MW-32	10-20	---	11.28	---	168.07	156.79
MW-33	10-20	---	11.64	---	169.33	157.69
MW-34	10-20	---	12.54	---	170.36	157.82
MW-35	10-20	---	13.32	---	171.18	157.86
TFR-1	TD: 24.40'	---	12.55	---	171.56	159.01
TFR-2	TD: 24.00'	---	13.20	---	172.02	158.82
TFR-3	TD: 25.20'	---	13.12	---	171.48	158.36
TFR-4	TD: 24.30'	---	13.02	---	171.35	158.33
TFR-5	TD: 25.00'	---	Abandoned	---	171.34	Abandoned
TFR-6	TD: 22.18'	---	13.03	---	171.03	158.00
TFR-7	TD: 25.00'	---	Abandoned	---	170.92	Abandoned
TFR-8	TD: 25.00'	---	Abandoned	---	170.74	Abandoned
TFR-9	TD: 25.01'	---	12.35	---	169.85	157.50
TFR-10	TD: 24.92'	---	11.78	---	168.99	157.21
TFR-11	TD: 25.03'	---	12.04	---	168.71	156.67
TFR-12	TD: 25.03'	11.93	12.58	0.65	169.21	157.18

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Potentiometric Data Site Map
(Groundwater Contour-"Deep" Zone)

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 20-7412

DATE October 15, 2020

FIGURE 5A

APPENDIX A:

SITE SURVEY

(Not Applicable)

APPENDIX B:

SAMPLING LOGS, LABORATORY DATA SHEETS, & CHAIN-OF-CUSTODY FORMS

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Health Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-1R	Initial	14:18		sheen					12.94		13-23	10.06	1.64	8.5	odor-sheen
	1st	14:20													
	2nd	14:22													
	3rd	14:23													
	4th	14:24													
	5th	14:25													
	Sampling												2.20		
MW-2	Initial	14:45	6.05	71.7	23.7	1.93	36.17		12.80		14-24	11.20	1.83	9.5	Odor
	1st	14:47	6.02	121.5	25.2	1.42	56.35								
	2nd	14:49	5.95	129.2	25.5	1.35	70.59								
	3rd	14:51	6.07	73.9	24.8	2.71	81.02								
	4th	14:53	6.02	67.6	24.2	3.65	60.22								
	5th	14:55	6.00	60.1	24.1	3.60	84.19								
	Sampling												9.13		
MW-3	Initial	14:37	6.32	28.3	21.7	4.54	21.36		12.40		14-24		—	—	No odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling												—		
MW-4R	Initial	14:10	5.64	40.2	25.8	0.66	29.25		12.22		12-22	—	—	—	Odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling												—		

Depth of Well) - (Depth to Water = **Water Height**

Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

562.5 gallons

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-4D	Initial	14:05	5.69	61.9	25.2	1.29	30.12		13.51		52-57	43.49	7.09	35.50	No Odor
	1st	14:12	5.88	62.6	23.5	1.22	44.01								
	2nd	14:19	5.96	63.9	23.0	1.15	68.41								
	3rd	14:26	5.87	63.1	22.9	1.16	73.01								
	4th	14:33	5.54	66.2	22.6	1.17	60.93								
	5th	14:40	5.09	64.4	22.5	1.19	52.19						35.44		
	Sampling														
MW-5i	Initial	14:05	5.92	46.0	25.9	2.98	35.02		12.59		40-45	32.41	5.28	26.50	No Odor
	1st	14:10	5.55	49.6	22.8	3.03	46.97								
	2nd	14:15	5.49	52.0	22.6	3.29	60.25								
	3rd	14:20	5.32	49.3	22.7	2.96	76.01								
	4th	14:25	5.20	46.3	22.8	2.01	49.81								
	5th	14:30	5.07	45.2	22.9	1.48	39.23						26.41		
	Sampling														
MW-6	Initial	14:15	5.71	50.2	26.1	2.97	51.01		12.04		12-22	—	—	—	Organic Odor Cut down the casing
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling												—		
MW-7	Initial	12:40	5.78	178.1	26.1	1.60	31.16		12.33		12-22		—	—	Ad Slight Odor
	1st														
	2nd														
	3rd														
	4th														
	5th												—	—	
	Sampling														

(Depth of Well) - (Depth to Water = **Water Height**

e Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN
Case #1	15H101448	17E101?
Case #2	15E101481	14H10?
Case #3	17E100512	17E10

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-8	Initial	12:50	5.80	150.2	26.5	1.63	25.01		13.71		13-23		—	—	Slight odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-11R	Initial	13:20	5.94	52.4	24.5	1.39	30.16		11.60		13-23	11.40	1.86	9.5	No odor
	1st	13:22	5.90	57.9	24.4	1.43	51.01								
	2nd	13:24	5.86	58.2	24.3	1.49	63.92								
	3rd	13:26	5.80	59.5	24.2	1.53	70.12								
	4th	13:28	5.72	66.2	24.0	1.68	60.39								
	5th	13:30	5.70	67.9	23.7	1.74	43.01						9.29		
	Sampling														
MW-12	Initial	14:10	6.71	113.1	26.0	1.55	24.12		13.31		10-30		—	—	odor
	1st												—		ended 1.60 ft
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-13	Initial	13:14	6.17	29.2	25.9	5.71	22.34		14.20		13-23		—	—	No odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turl
Case #1	15H101448	17E101302	201
Case #2	15E101481	14H103098	201
Case #3	17E100512	17E103488	20

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-13I	Initial	13:37	6.41	34.0	22.5	5.24	20.47		14.44		40-45	B.5'	4.98	25	No odor
	1st	13:41	6.33	32.7	22.4	5.44	64.11								
	2nd	13:45	6.36	33.6	22.5	5.98	83.94								
	3rd	13:48	6.47	36.7	22.2	5.64	94.67								
	4th														
	5th														
	Sampling	13:52	6.49	37.8	21.8	5.47	31.32						24.91		
MW-13D	Initial	13:09	6.83	55.1	22.5	3.84	20.69		15.12		53-58	4.2'	6.99	35	No odor
	1st	13:14	6.73	58.1	23.0	3.94	64.34								
	2nd	13:20	6.32	50.7	22.0	3.87	98.49								
	3rd	13:26	6.15	49.7	21.8	3.89	77.41								
	4th	13:31	6.13	50.0	21.7	3.83	54.61								
	5th	13:35	6.12	49.9	21.7	3.81	32.74						34.95		
	Sampling														
MW-14	Initial	10:53	5.34	85.9	23.2	2.60	26.15		10.12		10-20		—	—	No odor
	1st														
	2nd														
	3rd														
	4th														
	5th												—		
	Sampling														
MW-15	Initial	11:02	6.43	68.8	28.6	4.34	23.12		8.41		8-18		—	—	No odor
	1st														
	2nd														
	3rd														
	4th														
	5th												—		
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells,** or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-16	Initial	13:40	5.12	48.9	25.4	2.01	32.92		10.11		10.20		—	—	No odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-16i	Initial	13:35	5.24	57.0	25.4	0.71	31.02		10.02		40.45	34.98	5.70	28.5	No odor
	1st	13:40	5.31	40.7	24.9	1.02	50.11								
	2nd	13:45	5.46	38.8	23.7	1.42	60.25								
	3rd	13:50	5.51	36.7	22.9	1.81	70.45								
	4th	13:55	5.30	32.1	22.8	1.02	58.22								
	5th	14:00	5.11	30.1	22.6	0.77	40.11						28.51		
	Sampling														
MW-16D	Initial	13:30	5.97	42.8	24.6	2.48	30.11		10.83		55.60	44.17	8.01	40	No odor
	1st	13:38	5.90	43.7	23.9	2.92	29.02								
	2nd	13:46	5.81	45.9	23.7	3.15	45.67								
	3rd	13:54	5.73	48.2	23.0	3.74	51.22								
	4th	14:02	5.62	45.9	22.9	4.56	43.01								
	5th	14:10	5.57	47.9	21.8	4.60	36.91						40.07		
	Sampling														
MW-17R	Initial	11:07	5.57	77.8	29.0	2.16	67.90		9.64		10.20	10.36	1.68	8.5	slight odor
	1st	11:05	6.09	192.7	27.2	1.62	281.9								
	2nd	11:07	6.04	190.3	26.8	1.59	304.2								
	3rd	11:09	6.01	209.9	26.9	1.41	323.9								
	4th	11:11	6.00	220.9	26.7	1.30	104.7								
	5th	11:15	5.93	243.9	26.8	1.23	28.93						8.40		
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Health Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-18	Initial	11:29	6.06	25.3	25.8	0.89	58.54		10.10		10.20		—	—	No odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-19	Initial	10:44	6.79	29.6	21.9	2.20	23.74		2.88		3-13	10.12	1.65	6	Sl. sulf odor Dup-1
	1st	10:45	6.69	32.2	22.7	1.69	62.44								
	2nd	10:47	6.67	33.5	22.5	2.15	94.61								
	3rd	10:49	6.73	34.6	22.2	2.26	102.3								
	4th														
	5th														
	Sampling	10:54	6.75	34.4	22.2	2.31	54.13						8.25		
MW-20	Initial	10:11	7.20	63.1	21.5	1.64	27.64	SG: 2.76	3.25		3-13	12.01	1.96	10	Sl. sulf odor
	1st	10:13	7.25	63.6	22.0	1.29	69.84								
	2nd	10:15	7.18	61.9	21.8	0.94	104.3								
	3rd	10:18	7.17	64.4	21.9	1.22	86.44								
	4th	10:20	7.14	66.7	21.6	1.23	54.31								
	5th	10:22	7.12	68.4	21.6	1.17	45.11						9.79		
	Sampling														
MW-21	Initial										3-13				
	1st														
	2nd														
	3rd			DNL											
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-22	Initial	9:39	8.07	62.8	21.1	1.27	86.94		1.10		3-13	11.9	1.94	2	no odor added lid + 1 bolt
	1st	9:41	7.98	63.2	21.4	0.46	174.6						9.70		
	2nd														
	3rd														
	4th														
	5th														
	Sampling	9:49	7.93	65.2	21.5	0.38	31.24								
MW-23	Initial	9:33	8.06	71.9	19.4	2.03	22.84		0.0		3-13	13 ~~12~~	2.12	11	no odor added lid
	1st	9:35	8.10	65.9	19.9	1.68	94.67						10.60		
	2nd	9:37	8.16	67.1	19.8	1.66	103.9								
	3rd	9:39	8.09	66.4	20.1	1.37	74.91								
	4th	9:41	8.02	64.7	20.1	1.28	38.94								
	5th	9:43	8.01	63.9	20.2	1.24	24.11								
	Sampling														
MW-24	Initial			DNL							3-13				
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-25	Initial	10:50	5.47	62.3	25.6	4.79	22.55		8.28		6-16		—	—	no other
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells,** or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-26	Initial	10:20	5.78	74.8	21.9	1.43	35.91		3.46		5-15	11.54	1.88	9.5	No odor added 2 bolts
	1st	10:23	5.52	90.2	21.9	1.59	32.81								
	2nd	10:25	5.44	88.4	21.7	1.67	40.62								
	3rd	10:27	5.55	87.6	21.8	1.75	107.9								
	4th	10:30	5.61	85.9	21.7	1.96	96.22								
	5th	10:32	5.65	83.9	22.3	2.42	71.01						9.41		
	Sampling														
MW-27	Initial	9:53	7.56	91.3	22.9	1.01	83.49		2.60		6-16	12.4	2.18	2.5	No odor TD: 6.55
	1st	9:55	7.48	87.6	23.2	0.64	104.7								
	2nd														
	3rd														
	4th														
	5th														
	Sampling	10:01	7.45	84.1	23.2	0.58	34.67		2.0				10.92		
MW-28	Initial	10:05	6.37	131.3	21.6	3.03	21.90	SW: 2.05			2-12	10.60	1.73	9	No odor
	1st	10:07	6.04	145.6	22.2	2.60	60.97								
	2nd	10:09	6.01	143.2	22.4	2.49	82.01								
	3rd	10:11	5.95	162.1	22.5	2.30	191.3								
	4th	10:13	5.86	170.3	22.6	2.09	96.21								
	5th	10:15	5.78	181.6	22.6	1.81	75.02		3.45				8.64		
	Sampling														
MW-29	Initial	11:30	6.61	166.9	22.8	0.75	22.64				10-20		—	—	odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling								12.11						

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/16/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-29i	Initial	11:49	6.62	54.7	27.9	1.02	22.12		12.14		40.45	32.86	5.36	27	Slight odor
	1st	11:53	6.57	36.6	24.4	1.23	69.84								
	2nd	11:56	6.41	39.2	24.1	1.13	94.31								
	3rd	11:59	6.34	41.2	24.1	1.07	104.7								
	4th	12:03	6.29	43.7	24.0	1.03	83.6 d								
	5th	12:09	6.27	45.1	24.1	1.10	31.88						26.78		
	Sampling														
MW-29D	Initial	11:21	6.60	50.4	23.1	3.77	31.67		13.42		55.60	46.58	7.59	38	No odor
	1st	11:30	6.56	51.1	24.2	3.00	64.73								
	2nd	11:34	6.47	51.9	23.5	3.80	107.3								
	3rd	11:38	6.53	55.4	23.4	3.94	83.94								
	4th	11:45	6.51	58.7	23.3	3.87	64.71								
	5th	11:49	6.48	51.3	23.5	4.02	34.66						37.96		
	Sampling														
MW-30	Initial	11:37	7.88	183.7	27.2	0.79	24.61		11.68		10-20		—	—	odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-31	Initial	11:26	6.51	78.1	27.9	3.37	27.47		12.05		10-20		—	—	No odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells,** or * x **.66 for 4" wells.** 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Health Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-32	Initial	11:24	7.27	226.8	28.1	1.45	28.36		11.20		10-20		—	—	slight odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-33	Initial	11:37	6.58	91.0	25.5	1.00	20.14		11.69		10-20		—	—	Odor Dry-Z
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-34	Initial	12:57	6.38	57.1	27.2	1.15	23.16		12.54		10-20		—	—	slight odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-35	Initial	12:35	5.49	138.2	21.0	5.17	25.97		13.32		10-20		—	—	Slight Odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells,** or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
TFR-1	Initial	14:50	5.90	90.6	26.1	0.83	50.10		12.55		24.40'	11.85	7.74		Odor
	1st	14:57	5.91	88.3	26.5	0.70	62.39								
	2nd	15:04	5.75	99.4	26.5	0.67	71.23								
	3rd	15:11	5.71	102.4	26.6	0.65	80.19								
	4th	15:18	5.68	106.9	26.6	0.64	67.29								
	5th	15:25	5.67	107.2	26.7	0.63	54.81						38.69	39	
	Sampling														
TFR-2	Initial	14:32	6.87	57.9	26.9	0.70	24.14		13.20		24.00'				Slight odor
	1st														
	2nd														
	3rd	Damaged		unable	to										
	4th			purge											Damaged
	5th														
	Sampling														
TFR-3	Initial	12:55	5.59	114.8	27.2	0.82	41.01		13.12		25.20'	12.08	7.89		odor
	1st	12:58	5.70	121.9	26.9	0.92	60.22								
	2nd	13:00	5.84	123.2	26.7	0.70	72.01								
	3rd	13:03	5.55	126.0	26.8	0.77	80.14								
	4th	13:06	5.49	124.8	26.9	0.73	69.27								
	5th	13:09	5.47	120.9	26.9	0.69	47.01						39.44	39.5	
	Sampling														
TFR-4	Initial	12:55	5.69	101.2	26.0	1.50	29.19		13.10		24.30'	11.28	7.37		odor
	1st	12:58	5.71	97.2	26.2	1.43	40.01								
	2nd	13:01	5.75	75.6	26.5	1.30	57.92								
	3rd	13:04	5.77	74.2	26.6	1.28	60.55								
	4th	13:07	5.79	77.1	26.7	1.27	71.01								
	5th	13:10	5.80	70.2	26.8	1.27	43.25						36.83	37	
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
TFR-6	Initial	12:35	5.55	127.6	27.0	2.32	24.01		13.03		22.18'	8.15	5.97	30	odor
	1st	12:39	5.22	181.1	27.2	1.47	38.51								
	2nd	12:43	5.20	176.2	27.1	1.35	72.01								
	3rd	12:47	5.17	150.1	27.2	1.30	50.93								
	4th	12:51	5.25	132.9	27.0	1.21	61.22								
	5th	12:55	5.37	125.2	26.7	1.07	50.71						29.87		
	Sampling														
TFR-9	Initial	12:36	6.81	49.7	27.6	0.76	24.67		12.35		25.01'	12.66	8.27	12	slight odor
	1st	12:42	6.51	69.4	28.0	1.52	89.13								
	2nd														Dup-9 needs new pad + vault
	3rd														
	4th														
	5th														
	Sampling	12:45	6.60	71.0	28.1	1.10	61.42						41.33		
TFR-10	Initial	12:08	6.39	68.4	26.3	1.52	31.37		11.78		24.92'	13.14	8.58	21	odor
	1st	12:15	6.50	77.5	27.4	1.62	83.37								
	2nd	12:18	6.50	81.7	27.3	1.91	100.9								needs new vault + pad
	Sampling	12:29	6.45	89.4	27.4	1.96	89.42						42.90		
	4th														
	5th														
	Sampling														
TFR-11	Initial	12:01	6.11	55.3	28.1	0.79	21.14		12.01		25.03'	12.29	8.48	42.5	odor
	1st	12:08	6.64	106.6	26.8	2.77	67.44								
	2nd	12:12	6.40	58.2	28.1	2.54	101.3								
	3rd	12:16	6.59	78.1	27.1	1.35	94.36								needs to be brought up to grade
	4th	12:20	6.40	69.7	27.4	2.07	53.49								
	5th	12:24	6.38	61.9	28.1	7.14	36.12						42.41		
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x **5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
TFR-12	Initial														
	1st														
	2nd		FIP					11.23	12.49		25.03'				Needs to be redeveloped brought up to grade
	3rd														
	4th														
	5th														
	Sampling														
SW-1	Initial	9:25	Shot pitch Branch 33.931078, -80.365072												
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
SW-2	Initial	9:32	Shot pitch Branch 33.930444, -80.365101												
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
SW-3	Initial	9:24	Shot pitch Branch 33.929981, -80.365127												
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
SW-4	Initial	9:15													
	1st		Shot Pouch Branch			33.929429, -80.365141									
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
SW-5	Initial	9:08													
	1st														
	2nd		Pond			33.929872, -80.365457									
	3rd														
	4th														
	5th														
	Sampling														
SW-6	Initial	14:58													
	1st		Dollar General												
	2nd		retension pond												
	3rd		33.930825, -80.366484												
	4th														
	5th														
	Sampling														
WSW-3	Initial														
	1st		224 Lescsne Dr												
	2nd														
	3rd		Sampled from sprinkler system												
	4th														
	5th		15:15			33.931094, -80.369638									
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Health Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
WSW-5	Initial		215 Lesesne Drive												
	1st														
	2nd														
	3rd			Spigot on back of house											
	4th														
	5th		Dup				@15:20		33.930586, -80.370469						
	Sampling														
WSW-6	Initial		201 Lesesne Drive												
	1st														
	2nd														
	3rd			Spigot on well @ 15:30											
	4th		33.930265, -80.371346												
	5th														
	Sampling														
DUP-1	Initial														
	1st														
	2nd		MW-19	10:54 Slight Odor											
	3rd														
	4th														
	5th														
	Sampling														
DUP-2	Initial														
	1st														
	2nd		MW-33	11:37 Odor											
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x **5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Health Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
DUP-3	Initial														
	1st														
	2nd		TFR 9 -		12:45		Slight Odor								
	3rd														
	4th														
	5th														
	Sampling														
Field Blank	Initial														
	1st														
	2nd		15:55												
	3rd														
	4th														
	5th														
	Sampling														
Trip Blank #1	Initial														
	1st		8:00												
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
Trip Blank #2	Initial														
	1st		8:00												
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells,** or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: JC, KP, SS, RG, CP

Sampling Date(s): 10/6/20

Sampling Case#: 1

Job Name: HQ Heath Self Serve 2

Job Number: 20-7412

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
Trip Blank #3	Initial			N/A											
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
DUP-NSW	Initial														
	1st														
	2nd	WSW-5 @ 15:20													
	3rd														
	4th														
	5th														
	Sampling														
Field Blank WSW	Initial														
	1st														
	2nd	15:35													
	3rd														
	4th														
	5th														
	Sampling														
Trip Blank WSW	Initial														
	1st														
	2nd	15:35													
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 14, 2020

Mr. Bryan Shane
Midlands Environmental
PO Box 854
Lexington, SC 29071

RE: Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Dear Mr. Shane:

Enclosed are the analytical results for sample(s) received by the laboratory on October 07, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Mr. Jeff Coleman, Midlands Environmental
Mr. Kyle Pudney, Midlands Environmental

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92499412001	MW-1R	Water	10/06/20 14:55	10/07/20 08:40
92499412002	MW-2	Water	10/06/20 14:55	10/07/20 08:40
92499412003	MW-3	Water	10/06/20 14:37	10/07/20 08:40
92499412004	MW-4R	Water	10/06/20 14:10	10/07/20 08:40
92499412005	MW-4D	Water	10/06/20 14:40	10/07/20 08:40
92499412006	MW-5i	Water	10/06/20 14:30	10/07/20 08:40
92499412007	MW-6	Water	10/06/20 14:45	10/07/20 08:40
92499412008	MW-7	Water	10/06/20 12:40	10/07/20 08:40
92499412009	MW-8	Water	10/06/20 12:50	10/07/20 08:40
92499412010	MW-11R	Water	10/06/20 13:30	10/07/20 08:40
92499412011	MW-12	Water	10/06/20 14:10	10/07/20 08:40
92499412012	MW-13	Water	10/06/20 13:14	10/07/20 08:40
92499412013	MW-13i	Water	10/06/20 13:52	10/07/20 08:40
92499412014	MW-13D	Water	10/06/20 13:35	10/07/20 08:40
92499412015	MW-14	Water	10/06/20 10:53	10/07/20 08:40
92499412016	MW-15	Water	10/06/20 11:02	10/07/20 08:40
92499412017	MW-16	Water	10/06/20 13:40	10/07/20 08:40
92499412018	MW-16i	Water	10/06/20 14:00	10/07/20 08:40
92499412019	MW-16D	Water	10/06/20 14:10	10/07/20 08:40
92499412020	MW-17R	Water	10/06/20 11:15	10/07/20 08:40
92499412021	MW-18	Water	10/06/20 11:09	10/07/20 08:40
92499412022	MW-19	Water	10/06/20 10:54	10/07/20 08:40
92499412023	MW-20	Water	10/06/20 10:22	10/07/20 08:40
92499412024	MW-22	Water	10/06/20 09:49	10/07/20 08:40
92499412025	MW-23	Water	10/06/20 09:43	10/07/20 08:40
92499412026	MW-25	Water	10/06/20 10:50	10/07/20 08:40
92499412027	MW-26	Water	10/06/20 10:32	10/07/20 08:40
92499412028	MW-27	Water	10/06/20 10:01	10/07/20 08:40
92499412029	MW-28	Water	10/06/20 10:15	10/07/20 08:40
92499412030	MW-29	Water	10/06/20 11:30	10/07/20 08:40
92499412031	MW-29i	Water	10/06/20 12:09	10/07/20 08:40
92499412032	MW-29D	Water	10/06/20 11:49	10/07/20 08:40
92499412033	MW-30	Water	10/06/20 11:37	10/07/20 08:40
92499412034	MW-31	Water	10/06/20 11:26	10/07/20 08:40
92499412035	MW-32	Water	10/06/20 11:24	10/07/20 08:40
92499412036	MW-33	Water	10/06/20 11:37	10/07/20 08:40
92499412037	MW-34	Water	10/06/20 12:57	10/07/20 08:40

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92499412038	MW-35	Water	10/06/20 12:35	10/07/20 08:40
92499412039	TFR-1	Water	10/06/20 13:25	10/07/20 08:40
92499412040	TFR-2	Water	10/06/20 14:32	10/07/20 08:40
92499412041	TFR-3	Water	10/06/20 13:09	10/07/20 08:40
92499412042	TFR-4	Water	10/06/20 13:10	10/07/20 08:40
92499412043	TFR-6	Water	10/06/20 12:55	10/07/20 08:40
92499412044	TFR-9	Water	10/06/20 12:45	10/07/20 08:40
92499412045	TFR-10	Water	10/06/20 12:29	10/07/20 08:40
92499412046	TFR-11	Water	10/06/20 12:24	10/07/20 08:40
92499412047	DUP-1	Water	10/06/20 10:54	10/07/20 08:40
92499412048	DUP-2	Water	10/06/20 11:37	10/07/20 08:40
92499412049	DUP-3	Water	10/06/20 12:45	10/07/20 08:40
92499412050	Field Blank	Water	10/06/20 15:35	10/07/20 08:40
92499412051	Trip Blank 1	Water	10/06/20 08:00	10/07/20 08:40
92499412052	Trip Blank 2	Water	10/06/20 08:00	10/07/20 08:40

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92499412001	MW-1R	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92499412002	MW-2	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	SAS	20	PASI-C
92499412003	MW-3	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	SAS	20	PASI-C
92499412004	MW-4R	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	SAS	20	PASI-C
92499412005	MW-4D	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412006	MW-5i	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412007	MW-6	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412008	MW-7	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	PM1	20	PASI-C
92499412009	MW-8	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	PM1	20	PASI-C
92499412010	MW-11R	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412011	MW-12	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	SAS	20	PASI-C
92499412012	MW-13	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412013	MW-13i	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412014	MW-13D	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412015	MW-14	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412016	MW-15	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412017	MW-16	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412018	MW-16i	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412019	MW-16D	EPA 8011	JMS1	2	PASI-C

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92499412020	MW-17R	EPA 8260D	PM1	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412021	MW-18	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412022	MW-19	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412023	MW-20	EPA 8260D	PM1	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412024	MW-22	EPA 8260D	PM1	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412025	MW-23	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412026	MW-25	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412027	MW-26	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412028	MW-27	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412029	MW-28	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412030	MW-29	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412031	MW-29i	EPA 8260D	PM1	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412032	MW-29D	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412033	MW-30	EPA 8260D	LMB	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412034	MW-31	EPA 8260D	SAS	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412035	MW-32	EPA 8260D	PM1	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412036	MW-33	EPA 8260D	PM1	20	PASI-C
		EPA 8011	JMS1	2	PASI-C
92499412037	MW-34	EPA 8260D	PM1	20	PASI-C
		EPA 8011	JMS1	2	PASI-C

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92499412038	MW-35	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	PM1	20	PASI-C
92499412039	TFR-1	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	PM1	20	PASI-C
92499412040	TFR-2	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	SAS	20	PASI-C
92499412041	TFR-3	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	SAS	20	PASI-C
92499412042	TFR-4	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412043	TFR-6	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	PM1	20	PASI-C
92499412044	TFR-9	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412045	TFR-10	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	PM1	20	PASI-C
92499412046	TFR-11	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	PM1	20	PASI-C
92499412047	DUP-1	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412048	DUP-2	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412049	DUP-3	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412050	Field Blank	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	LMB	20	PASI-C
92499412051	Trip Blank 1	EPA 8260D	LMB	20	PASI-C
92499412052	Trip Blank 2	EPA 8260D	LMB	20	PASI-C

PASI-C = Pace Analytical Services - Charlotte

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-1R **Lab ID: 92499412001** Collected: 10/06/20 14:55 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.59**	ug/L	0.020	0.012	1	10/12/20 09:13	10/12/20 19:31	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	112	%	60-140		1	10/12/20 09:13	10/12/20 19:31	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	12500	8200	125		10/12/20 20:44	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1250	380	125		10/12/20 20:44	994-05-8	
Benzene	**674**	ug/L	625	218	125		10/12/20 20:44	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	12500	6740	125		10/12/20 20:44	624-95-3	
tert-Butyl Alcohol	ND	ug/L	12500	11400	125		10/12/20 20:44	75-65-0	
tert-Butyl Formate	ND	ug/L	6250	3010	125		10/12/20 20:44	762-75-4	
1,2-Dichloroethane	ND	ug/L	625	258	125		10/12/20 20:44	107-06-2	
Diisopropyl ether	ND	ug/L	625	436	125		10/12/20 20:44	108-20-3	
Ethanol	ND	ug/L	25000	18000	125		10/12/20 20:44	64-17-5	
Ethylbenzene	**3960**	ug/L	625	230	125		10/12/20 20:44	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1250	1060	125		10/12/20 20:44	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	625	388	125		10/12/20 20:44	1634-04-4	
Naphthalene	**646**	ug/L	625	261	125		10/12/20 20:44	91-20-3	
Toluene	**15200**	ug/L	625	251	125		10/12/20 20:44	108-88-3	
Xylene (Total)	**22200**	ug/L	625	625	125		10/12/20 20:44	1330-20-7	
m&p-Xylene	**15400**	ug/L	1250	514	125		10/12/20 20:44	179601-23-1	
o-Xylene	**6820**	ug/L	625	255	125		10/12/20 20:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		125		10/12/20 20:44	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		125		10/12/20 20:44	17060-07-0	
Toluene-d8 (S)	100	%	70-130		125		10/12/20 20:44	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-2 **Lab ID: 92499412002** Collected: 10/06/20 14:55 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/12/20 09:13	10/12/20 19:47	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	95	%	60-140		1	10/12/20 09:13	10/12/20 19:47	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/09/20 16:33	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 16:33	994-05-8	
Benzene	**2.3J**	ug/L	5.0	1.7	1		10/09/20 16:33	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 16:33	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/09/20 16:33	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 16:33	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/09/20 16:33	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 16:33	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 16:33	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/09/20 16:33	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 16:33	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/09/20 16:33	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/09/20 16:33	91-20-3	v2
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 16:33	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 16:33	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 16:33	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/09/20 16:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/09/20 16:33	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		10/09/20 16:33	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/09/20 16:33	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-3 **Lab ID: 92499412003** Collected: 10/06/20 14:37 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/12/20 09:13	10/12/20 20:02	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	97	%	60-140		1	10/12/20 09:13	10/12/20 20:02	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/09/20 16:50	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 16:50	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/09/20 16:50	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 16:50	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/09/20 16:50	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 16:50	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/09/20 16:50	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 16:50	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 16:50	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/09/20 16:50	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 16:50	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/09/20 16:50	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/09/20 16:50	91-20-3	v2
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 16:50	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 16:50	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 16:50	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/09/20 16:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/09/20 16:50	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70-130		1		10/09/20 16:50	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/09/20 16:50	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-4R **Lab ID: 92499412004** Collected: 10/06/20 14:10 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**1.9**	ug/L	0.052	0.030	2.5	10/12/20 09:13	10/13/20 11:53	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	109	%	60-140		2.5	10/12/20 09:13	10/13/20 11:53	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	5000	3280	50		10/10/20 04:02	75-85-4	
tert-Amylmethyl ether	ND	ug/L	500	152	50		10/10/20 04:02	994-05-8	
Benzene	**343**	ug/L	250	87.0	50		10/10/20 04:02	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	5000	2700	50		10/10/20 04:02	624-95-3	
tert-Butyl Alcohol	ND	ug/L	5000	4550	50		10/10/20 04:02	75-65-0	
tert-Butyl Formate	ND	ug/L	2500	1200	50		10/10/20 04:02	762-75-4	
1,2-Dichloroethane	ND	ug/L	250	103	50		10/10/20 04:02	107-06-2	
Diisopropyl ether	ND	ug/L	250	174	50		10/10/20 04:02	108-20-3	
Ethanol	ND	ug/L	10000	7200	50		10/10/20 04:02	64-17-5	
Ethylbenzene	**765**	ug/L	250	92.0	50		10/10/20 04:02	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	500	423	50		10/10/20 04:02	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	250	155	50		10/10/20 04:02	1634-04-4	
Naphthalene	**109J**	ug/L	250	104	50		10/10/20 04:02	91-20-3	v2
Toluene	**7150**	ug/L	250	100	50		10/10/20 04:02	108-88-3	M1
Xylene (Total)	**4930**	ug/L	250	250	50		10/10/20 04:02	1330-20-7	
m&p-Xylene	**3380**	ug/L	500	206	50		10/10/20 04:02	179601-23-1	
o-Xylene	**1540**	ug/L	250	102	50		10/10/20 04:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		50		10/10/20 04:02	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		50		10/10/20 04:02	17060-07-0	
Toluene-d8 (S)	101	%	70-130		50		10/10/20 04:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-4D **Lab ID: 92499412005** Collected: 10/06/20 14:40 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/12/20 09:13	10/12/20 20:33	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	97	%	60-140		1	10/12/20 09:13	10/12/20 20:33	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/09/20 20:14	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 20:14	994-05-8	
Benzene	**1.8J**	ug/L	5.0	1.7	1		10/09/20 20:14	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 20:14	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/09/20 20:14	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 20:14	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/09/20 20:14	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 20:14	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 20:14	64-17-5	
Ethylbenzene	**4.9J**	ug/L	5.0	1.8	1		10/09/20 20:14	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 20:14	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/09/20 20:14	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/09/20 20:14	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 20:14	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 20:14	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 20:14	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/09/20 20:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/09/20 20:14	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		10/09/20 20:14	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		10/09/20 20:14	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-5i **Lab ID: 92499412006** Collected: 10/06/20 14:30 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/12/20 20:49	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	92	%	60-140		1	10/12/20 09:13	10/12/20 20:49	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/09/20 20:32	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 20:32	994-05-8	
Benzene	**16.2**	ug/L	5.0	1.7	1		10/09/20 20:32	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 20:32	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/09/20 20:32	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 20:32	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/09/20 20:32	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 20:32	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 20:32	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/09/20 20:32	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 20:32	637-92-3	
Methyl-tert-butyl ether	**8.5**	ug/L	5.0	3.1	1		10/09/20 20:32	1634-04-4	
Naphthalene	**4.4J**	ug/L	5.0	2.1	1		10/09/20 20:32	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 20:32	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 20:32	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 20:32	179601-23-1	
o-Xylene	**2.3J**	ug/L	5.0	2.0	1		10/09/20 20:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/09/20 20:32	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		10/09/20 20:32	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		10/09/20 20:32	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-6 **Lab ID: 92499412007** Collected: 10/06/20 14:45 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.012	1	10/12/20 09:13	10/12/20 21:04	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	94	%	60-140		1	10/12/20 09:13	10/12/20 21:04	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 21:32	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 21:32	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 21:32	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 21:32	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 21:32	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 21:32	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 21:32	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 21:32	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 21:32	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 21:32	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 21:32	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 21:32	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 21:32	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 21:32	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 21:32	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 21:32	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 21:32	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/08/20 21:32	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		10/08/20 21:32	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		10/08/20 21:32	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-7 **Lab ID: 92499412008** Collected: 10/06/20 12:40 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**40.5**	ug/L	0.98	0.56	50	10/12/20 09:13	10/13/20 12:08	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		50	10/12/20 09:13	10/13/20 12:08	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	20000	13100	200		10/09/20 20:12	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	608	200		10/09/20 20:12	994-05-8	
Benzene	**5200**	ug/L	1000	348	200		10/09/20 20:12	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10800	200		10/09/20 20:12	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	18200	200		10/09/20 20:12	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	4820	200		10/09/20 20:12	762-75-4	
1,2-Dichloroethane	ND	ug/L	1000	412	200		10/09/20 20:12	107-06-2	
Diisopropyl ether	ND	ug/L	1000	698	200		10/09/20 20:12	108-20-3	
Ethanol	ND	ug/L	40000	28800	200		10/09/20 20:12	64-17-5	
Ethylbenzene	**1690**	ug/L	1000	368	200		10/09/20 20:12	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2000	1690	200		10/09/20 20:12	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1000	620	200		10/09/20 20:12	1634-04-4	
Naphthalene	**631J**	ug/L	1000	418	200		10/09/20 20:12	91-20-3	
Toluene	**21900**	ug/L	1000	402	200		10/09/20 20:12	108-88-3	
Xylene (Total)	**15900**	ug/L	1000	1000	200		10/09/20 20:12	1330-20-7	
m&p-Xylene	**10100**	ug/L	2000	822	200		10/09/20 20:12	179601-23-1	
o-Xylene	**5850**	ug/L	1000	408	200		10/09/20 20:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		200		10/09/20 20:12	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		200		10/09/20 20:12	17060-07-0	
Toluene-d8 (S)	94	%	70-130		200		10/09/20 20:12	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-8 **Lab ID: 92499412009** Collected: 10/06/20 12:50 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**4.0**	ug/L	0.10	0.059	5	10/12/20 09:13	10/13/20 12:39	106-93-4	M1
Surrogates									
1-Chloro-2-bromopropane (S)	133	%	60-140		5	10/12/20 09:13	10/13/20 12:39	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	5000	3280	50		10/09/20 05:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	500	152	50		10/09/20 05:17	994-05-8	
Benzene	**737**	ug/L	250	87.0	50		10/09/20 05:17	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	5000	2700	50		10/09/20 05:17	624-95-3	
tert-Butyl Alcohol	ND	ug/L	5000	4550	50		10/09/20 05:17	75-65-0	
tert-Butyl Formate	ND	ug/L	2500	1200	50		10/09/20 05:17	762-75-4	
1,2-Dichloroethane	ND	ug/L	250	103	50		10/09/20 05:17	107-06-2	
Diisopropyl ether	ND	ug/L	250	174	50		10/09/20 05:17	108-20-3	
Ethanol	ND	ug/L	10000	7200	50		10/09/20 05:17	64-17-5	
Ethylbenzene	**1760**	ug/L	250	92.0	50		10/09/20 05:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	500	423	50		10/09/20 05:17	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	250	155	50		10/09/20 05:17	1634-04-4	
Naphthalene	**498**	ug/L	250	104	50		10/09/20 05:17	91-20-3	
Toluene	**9330**	ug/L	250	100	50		10/09/20 05:17	108-88-3	
Xylene (Total)	**11700**	ug/L	250	250	50		10/09/20 05:17	1330-20-7	
m&p-Xylene	**7770**	ug/L	500	206	50		10/09/20 05:17	179601-23-1	
o-Xylene	**3970**	ug/L	250	102	50		10/09/20 05:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		50		10/09/20 05:17	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		50		10/09/20 05:17	17060-07-0	
Toluene-d8 (S)	94	%	70-130		50		10/09/20 05:17	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-11R **Lab ID: 92499412010** Collected: 10/06/20 13:30 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/12/20 23:38	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	96	%	60-140		1	10/12/20 09:13	10/12/20 23:38	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 21:14	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 21:14	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 21:14	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 21:14	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 21:14	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 21:14	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 21:14	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 21:14	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 21:14	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 21:14	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 21:14	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 21:14	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 21:14	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 21:14	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 21:14	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 21:14	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 21:14	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/08/20 21:14	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		10/08/20 21:14	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/20 21:14	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-12 **Lab ID: 92499412011** Collected: 10/06/20 14:10 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/12/20 23:54	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	113	%	60-140		1	10/12/20 09:13	10/12/20 23:54	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	4000	2620	40		10/10/20 03:27	75-85-4	
tert-Amylmethyl ether	ND	ug/L	400	122	40		10/10/20 03:27	994-05-8	
Benzene	**409**	ug/L	200	69.6	40		10/10/20 03:27	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	4000	2160	40		10/10/20 03:27	624-95-3	
tert-Butyl Alcohol	ND	ug/L	4000	3640	40		10/10/20 03:27	75-65-0	
tert-Butyl Formate	ND	ug/L	2000	964	40		10/10/20 03:27	762-75-4	
1,2-Dichloroethane	ND	ug/L	200	82.4	40		10/10/20 03:27	107-06-2	
Diisopropyl ether	ND	ug/L	200	140	40		10/10/20 03:27	108-20-3	
Ethanol	ND	ug/L	8000	5760	40		10/10/20 03:27	64-17-5	
Ethylbenzene	**1260**	ug/L	200	73.6	40		10/10/20 03:27	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	400	338	40		10/10/20 03:27	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	200	124	40		10/10/20 03:27	1634-04-4	
Naphthalene	**498**	ug/L	200	83.6	40		10/10/20 03:27	91-20-3	v3
Toluene	**5030**	ug/L	200	80.4	40		10/10/20 03:27	108-88-3	
Xylene (Total)	**10900**	ug/L	200	200	40		10/10/20 03:27	1330-20-7	
m&p-Xylene	**7140**	ug/L	400	164	40		10/10/20 03:27	179601-23-1	
o-Xylene	**3750**	ug/L	200	81.6	40		10/10/20 03:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		40		10/10/20 03:27	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		40		10/10/20 03:27	17060-07-0	
Toluene-d8 (S)	103	%	70-130		40		10/10/20 03:27	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-13 **Lab ID: 92499412012** Collected: 10/06/20 13:14 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/12/20 09:13	10/13/20 00:09	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	97	%	60-140		1	10/12/20 09:13	10/13/20 00:09	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 17:39	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 17:39	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 17:39	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 17:39	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 17:39	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 17:39	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 17:39	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 17:39	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 17:39	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 17:39	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 17:39	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 17:39	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 17:39	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 17:39	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 17:39	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 17:39	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 17:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/08/20 17:39	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		10/08/20 17:39	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		10/08/20 17:39	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-13i **Lab ID: 92499412013** Collected: 10/06/20 13:52 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/12/20 09:13	10/13/20 00:25	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	96	%	60-140		1	10/12/20 09:13	10/13/20 00:25	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 20:38	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 20:38	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 20:38	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 20:38	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 20:38	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 20:38	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 20:38	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 20:38	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 20:38	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 20:38	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 20:38	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 20:38	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 20:38	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 20:38	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 20:38	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 20:38	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 20:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/08/20 20:38	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		10/08/20 20:38	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		10/08/20 20:38	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-13D **Lab ID: 92499412014** Collected: 10/06/20 13:35 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 00:40	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	93	%	60-140		1	10/12/20 09:13	10/13/20 00:40	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 21:50	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 21:50	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 21:50	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 21:50	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 21:50	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 21:50	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 21:50	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 21:50	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 21:50	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 21:50	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 21:50	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 21:50	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 21:50	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 21:50	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 21:50	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 21:50	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 21:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		10/08/20 21:50	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		10/08/20 21:50	17060-07-0	
Toluene-d8 (S)	95	%	70-130		1		10/08/20 21:50	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-14 **Lab ID: 92499412015** Collected: 10/06/20 10:53 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 00:56	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	92	%	60-140		1	10/12/20 09:13	10/13/20 00:56	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 20:56	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 20:56	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 20:56	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 20:56	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 20:56	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 20:56	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 20:56	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 20:56	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 20:56	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 20:56	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 20:56	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 20:56	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 20:56	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 20:56	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 20:56	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 20:56	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 20:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		10/08/20 20:56	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		10/08/20 20:56	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		10/08/20 20:56	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-15 **Lab ID: 92499412016** Collected: 10/06/20 11:02 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 01:11	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	91	%	60-140		1	10/12/20 09:13	10/13/20 01:11	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 17:57	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 17:57	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 17:57	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 17:57	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 17:57	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 17:57	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 17:57	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 17:57	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 17:57	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 17:57	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 17:57	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 17:57	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 17:57	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 17:57	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 17:57	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 17:57	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 17:57	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		10/08/20 17:57	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		10/08/20 17:57	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		10/08/20 17:57	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-16 **Lab ID: 92499412017** Collected: 10/06/20 13:40 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 01:27	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	98	%	60-140		1	10/12/20 09:13	10/13/20 01:27	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 18:15	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 18:15	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 18:15	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 18:15	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 18:15	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 18:15	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 18:15	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 18:15	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 18:15	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 18:15	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 18:15	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 18:15	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 18:15	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 18:15	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 18:15	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 18:15	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 18:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/08/20 18:15	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		10/08/20 18:15	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		10/08/20 18:15	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-16i **Lab ID: 92499412018** Collected: 10/06/20 14:00 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 01:42	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	96	%	60-140		1	10/12/20 09:13	10/13/20 01:42	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**240**	ug/L	100	65.6	1		10/09/20 20:50	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 20:50	994-05-8	
Benzene	**3.9J**	ug/L	5.0	1.7	1		10/09/20 20:50	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 20:50	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/09/20 20:50	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 20:50	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/09/20 20:50	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 20:50	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 20:50	64-17-5	
Ethylbenzene	**2.4J**	ug/L	5.0	1.8	1		10/09/20 20:50	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 20:50	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/09/20 20:50	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/09/20 20:50	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 20:50	108-88-3	
Xylene (Total)	**28.4**	ug/L	5.0	5.0	1		10/09/20 20:50	1330-20-7	
m&p-Xylene	**20.0**	ug/L	10.0	4.1	1		10/09/20 20:50	179601-23-1	
o-Xylene	**8.4**	ug/L	5.0	2.0	1		10/09/20 20:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		10/09/20 20:50	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		10/09/20 20:50	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/09/20 20:50	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-16D **Lab ID: 92499412019** Collected: 10/06/20 14:10 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 01:58	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	94	%	60-140		1	10/12/20 09:13	10/13/20 01:58	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/09/20 02:34	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 02:34	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/09/20 02:34	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 02:34	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/09/20 02:34	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 02:34	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/09/20 02:34	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 02:34	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 02:34	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/09/20 02:34	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 02:34	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/09/20 02:34	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/09/20 02:34	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 02:34	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 02:34	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 02:34	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/09/20 02:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/09/20 02:34	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		10/09/20 02:34	17060-07-0	
Toluene-d8 (S)	94	%	70-130		1		10/09/20 02:34	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-17R **Lab ID: 92499412020** Collected: 10/06/20 11:15 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/12/20 09:13	10/13/20 02:13	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	96	%	60-140		1	10/12/20 09:13	10/13/20 02:13	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**1370**	ug/L	250	164	2.5		10/10/20 00:07	75-85-4	
tert-Amylmethyl ether	ND	ug/L	25.0	7.6	2.5		10/10/20 00:07	994-05-8	
Benzene	**404**	ug/L	12.5	4.4	2.5		10/10/20 00:07	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	250	135	2.5		10/10/20 00:07	624-95-3	
tert-Butyl Alcohol	ND	ug/L	250	228	2.5		10/10/20 00:07	75-65-0	
tert-Butyl Formate	ND	ug/L	125	60.2	2.5		10/10/20 00:07	762-75-4	
1,2-Dichloroethane	**12.7**	ug/L	12.5	5.2	2.5		10/10/20 00:07	107-06-2	
Diisopropyl ether	ND	ug/L	12.5	8.7	2.5		10/10/20 00:07	108-20-3	
Ethanol	ND	ug/L	500	360	2.5		10/10/20 00:07	64-17-5	
Ethylbenzene	**61.9**	ug/L	12.5	4.6	2.5		10/10/20 00:07	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	25.0	21.2	2.5		10/10/20 00:07	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	12.5	7.8	2.5		10/10/20 00:07	1634-04-4	
Naphthalene	**16.0**	ug/L	12.5	5.2	2.5		10/10/20 00:07	91-20-3	
Toluene	**15.2**	ug/L	12.5	5.0	2.5		10/10/20 00:07	108-88-3	
Xylene (Total)	**253**	ug/L	12.5	12.5	2.5		10/10/20 00:07	1330-20-7	
m&p-Xylene	**253**	ug/L	25.0	10.3	2.5		10/10/20 00:07	179601-23-1	
o-Xylene	ND	ug/L	12.5	5.1	2.5		10/10/20 00:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		2.5		10/10/20 00:07	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		2.5		10/10/20 00:07	17060-07-0	
Toluene-d8 (S)	95	%	70-130		2.5		10/10/20 00:07	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-18 **Lab ID: 92499412021** Collected: 10/06/20 11:09 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.012	1	10/12/20 09:13	10/13/20 02:28	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	95	%	60-140		1	10/12/20 09:13	10/13/20 02:28	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 18:33	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 18:33	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 18:33	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 18:33	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 18:33	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 18:33	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 18:33	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 18:33	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 18:33	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 18:33	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 18:33	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 18:33	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 18:33	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 18:33	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 18:33	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 18:33	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 18:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		10/08/20 18:33	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		10/08/20 18:33	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		10/08/20 18:33	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-19 **Lab ID: 92499412022** Collected: 10/06/20 10:54 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 02:44	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	91	%	60-140		1	10/12/20 09:13	10/13/20 02:44	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**3230**	ug/L	100	65.6	1		10/09/20 03:10	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 03:10	994-05-8	
Benzene	**31.9**	ug/L	5.0	1.7	1		10/09/20 03:10	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 03:10	624-95-3	
tert-Butyl Alcohol	**236**	ug/L	100	91.0	1		10/09/20 03:10	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 03:10	762-75-4	
1,2-Dichloroethane	**3.6J**	ug/L	5.0	2.1	1		10/09/20 03:10	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 03:10	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 03:10	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/09/20 03:10	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 03:10	637-92-3	
Methyl-tert-butyl ether	**62.0**	ug/L	5.0	3.1	1		10/09/20 03:10	1634-04-4	
Naphthalene	**50.3**	ug/L	5.0	2.1	1		10/09/20 03:10	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 03:10	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 03:10	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 03:10	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/09/20 03:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/09/20 03:10	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		10/09/20 03:10	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		10/09/20 03:10	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-20 **Lab ID: 92499412023** Collected: 10/06/20 10:22 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/12/20 09:13	10/13/20 02:59	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	93	%	60-140		1	10/12/20 09:13	10/13/20 02:59	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**2940**	ug/L	100	65.6	1		10/09/20 03:28	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 03:28	994-05-8	
Benzene	**152**	ug/L	5.0	1.7	1		10/09/20 03:28	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 03:28	624-95-3	
tert-Butyl Alcohol	**142**	ug/L	100	91.0	1		10/09/20 03:28	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 03:28	762-75-4	
1,2-Dichloroethane	**5.6**	ug/L	5.0	2.1	1		10/09/20 03:28	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 03:28	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 03:28	64-17-5	
Ethylbenzene	**50.7**	ug/L	5.0	1.8	1		10/09/20 03:28	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 03:28	637-92-3	
Methyl-tert-butyl ether	**23.3**	ug/L	5.0	3.1	1		10/09/20 03:28	1634-04-4	
Naphthalene	**18.8**	ug/L	5.0	2.1	1		10/09/20 03:28	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 03:28	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 03:28	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 03:28	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/09/20 03:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/09/20 03:28	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		10/09/20 03:28	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		10/09/20 03:28	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-22 **Lab ID: 92499412024** Collected: 10/06/20 09:49 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
	Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 03:15	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	94	%	60-140		1	10/12/20 09:13	10/13/20 03:15	301-79-56	
8260 MSV	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 18:51	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 18:51	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 18:51	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 18:51	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 18:51	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 18:51	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 18:51	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 18:51	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 18:51	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 18:51	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 18:51	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 18:51	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 18:51	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 18:51	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 18:51	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 18:51	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 18:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/08/20 18:51	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		10/08/20 18:51	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/20 18:51	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-23 **Lab ID: 92499412025** Collected: 10/06/20 09:43 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/12/20 09:13	10/13/20 03:30	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	96	%	60-140		1	10/12/20 09:13	10/13/20 03:30	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 19:08	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 19:08	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 19:08	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 19:08	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 19:08	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 19:08	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 19:08	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 19:08	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 19:08	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 19:08	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 19:08	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 19:08	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 19:08	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 19:08	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 19:08	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 19:08	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 19:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/08/20 19:08	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		10/08/20 19:08	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/08/20 19:08	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-25 **Lab ID: 92499412026** Collected: 10/06/20 10:50 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.012	1	10/12/20 09:13	10/13/20 03:46	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	93	%	60-140		1	10/12/20 09:13	10/13/20 03:46	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 19:26	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 19:26	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 19:26	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 19:26	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 19:26	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 19:26	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 19:26	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 19:26	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 19:26	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 19:26	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 19:26	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 19:26	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 19:26	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 19:26	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 19:26	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 19:26	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 19:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		10/08/20 19:26	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		10/08/20 19:26	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		10/08/20 19:26	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-26 **Lab ID: 92499412027** Collected: 10/06/20 10:32 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
	Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/12/20 09:13	10/13/20 04:02	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	87	%	60-140		1	10/12/20 09:13	10/13/20 04:02	301-79-56	
8260 MSV	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 19:44	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 19:44	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 19:44	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 19:44	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 19:44	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 19:44	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 19:44	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 19:44	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 19:44	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 19:44	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 19:44	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 19:44	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 19:44	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 19:44	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 19:44	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 19:44	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 19:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/08/20 19:44	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		10/08/20 19:44	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/08/20 19:44	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-27 **Lab ID: 92499412028** Collected: 10/06/20 10:01 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.012	1	10/12/20 09:13	10/13/20 05:19	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	94	%	60-140		1	10/12/20 09:13	10/13/20 05:19	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 20:02	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 20:02	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 20:02	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 20:02	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 20:02	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 20:02	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 20:02	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 20:02	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 20:02	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 20:02	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 20:02	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 20:02	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 20:02	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 20:02	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 20:02	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 20:02	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 20:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		10/08/20 20:02	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		10/08/20 20:02	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		10/08/20 20:02	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-28 **Lab ID: 92499412029** Collected: 10/06/20 10:15 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 05:34	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	95	%	60-140		1	10/12/20 09:13	10/13/20 05:34	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 20:20	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 20:20	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 20:20	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 20:20	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 20:20	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 20:20	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 20:20	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 20:20	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 20:20	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 20:20	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 20:20	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 20:20	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 20:20	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 20:20	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 20:20	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 20:20	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 20:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	107	%	70-130		1		10/08/20 20:20	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		1		10/08/20 20:20	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/08/20 20:20	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-29 **Lab ID: 92499412030** Collected: 10/06/20 11:30 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**672**	ug/L	20.7	11.8	1000	10/12/20 09:13	10/13/20 22:41	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		1000	10/12/20 09:13	10/13/20 22:41	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	40000	26200	400		10/09/20 20:49	75-85-4	
tert-Amylmethyl ether	ND	ug/L	4000	1220	400		10/09/20 20:49	994-05-8	
Benzene	**18900**	ug/L	2000	696	400		10/09/20 20:49	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	40000	21600	400		10/09/20 20:49	624-95-3	
tert-Butyl Alcohol	ND	ug/L	40000	36400	400		10/09/20 20:49	75-65-0	
tert-Butyl Formate	ND	ug/L	20000	9640	400		10/09/20 20:49	762-75-4	
1,2-Dichloroethane	ND	ug/L	2000	824	400		10/09/20 20:49	107-06-2	
Diisopropyl ether	ND	ug/L	2000	1400	400		10/09/20 20:49	108-20-3	
Ethanol	ND	ug/L	80000	57600	400		10/09/20 20:49	64-17-5	
Ethylbenzene	**3890**	ug/L	2000	736	400		10/09/20 20:49	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	4000	3380	400		10/09/20 20:49	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	2000	1240	400		10/09/20 20:49	1634-04-4	
Naphthalene	ND	ug/L	2000	836	400		10/09/20 20:49	91-20-3	
Toluene	**51000**	ug/L	2000	804	400		10/09/20 20:49	108-88-3	
Xylene (Total)	**19300**	ug/L	2000	2000	400		10/09/20 20:49	1330-20-7	
m&p-Xylene	**13300**	ug/L	4000	1640	400		10/09/20 20:49	179601-23-1	
o-Xylene	**6030**	ug/L	2000	816	400		10/09/20 20:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		400		10/09/20 20:49	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		400		10/09/20 20:49	17060-07-0	
Toluene-d8 (S)	96	%	70-130		400		10/09/20 20:49	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-29i **Lab ID: 92499412031** Collected: 10/06/20 12:09 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.16**	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 06:21	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	89	%	60-140		1	10/12/20 09:13	10/13/20 06:21	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**203**	ug/L	100	65.6	1		10/09/20 21:44	75-85-4	
tert-Amylmethyl ether	**9.0J**	ug/L	10.0	3.0	1		10/09/20 21:44	994-05-8	
Benzene	**146**	ug/L	5.0	1.7	1		10/09/20 21:44	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 21:44	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/09/20 21:44	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 21:44	762-75-4	
1,2-Dichloroethane	**2.7J**	ug/L	5.0	2.1	1		10/09/20 21:44	107-06-2	
Diisopropyl ether	**6.2**	ug/L	5.0	3.5	1		10/09/20 21:44	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 21:44	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/09/20 21:44	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 21:44	637-92-3	
Methyl-tert-butyl ether	**52.1**	ug/L	5.0	3.1	1		10/09/20 21:44	1634-04-4	
Naphthalene	**34.3**	ug/L	5.0	2.1	1		10/09/20 21:44	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 21:44	108-88-3	
Xylene (Total)	**5.2**	ug/L	5.0	5.0	1		10/09/20 21:44	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 21:44	179601-23-1	
o-Xylene	**5.2**	ug/L	5.0	2.0	1		10/09/20 21:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/09/20 21:44	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		10/09/20 21:44	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		10/09/20 21:44	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-29D **Lab ID: 92499412032** Collected: 10/06/20 11:49 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 07:07	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	83	%	60-140		1	10/12/20 09:13	10/13/20 07:07	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/09/20 21:08	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 21:08	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/09/20 21:08	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 21:08	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/09/20 21:08	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 21:08	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/09/20 21:08	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 21:08	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 21:08	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/09/20 21:08	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 21:08	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/09/20 21:08	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/09/20 21:08	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 21:08	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 21:08	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 21:08	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/09/20 21:08	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/09/20 21:08	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		10/09/20 21:08	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		10/09/20 21:08	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-30 **Lab ID: 92499412033** Collected: 10/06/20 11:37 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**3.8**	ug/L	0.10	0.058	5	10/12/20 09:13	10/13/20 13:26	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	175	%	60-140		5	10/12/20 09:13	10/13/20 13:26	301-79-56	S5
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	12500	8200	125		10/10/20 05:13	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1250	380	125		10/10/20 05:13	994-05-8	
Benzene	**6330**	ug/L	625	218	125		10/10/20 05:13	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	12500	6740	125		10/10/20 05:13	624-95-3	
tert-Butyl Alcohol	ND	ug/L	12500	11400	125		10/10/20 05:13	75-65-0	
tert-Butyl Formate	ND	ug/L	6250	3010	125		10/10/20 05:13	762-75-4	
1,2-Dichloroethane	ND	ug/L	625	258	125		10/10/20 05:13	107-06-2	
Diisopropyl ether	ND	ug/L	625	436	125		10/10/20 05:13	108-20-3	
Ethanol	ND	ug/L	25000	18000	125		10/10/20 05:13	64-17-5	
Ethylbenzene	**1670**	ug/L	625	230	125		10/10/20 05:13	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1250	1060	125		10/10/20 05:13	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	625	388	125		10/10/20 05:13	1634-04-4	
Naphthalene	**305J**	ug/L	625	261	125		10/10/20 05:13	91-20-3	v2
Toluene	**19000**	ug/L	625	251	125		10/10/20 05:13	108-88-3	
Xylene (Total)	**9310**	ug/L	625	625	125		10/10/20 05:13	1330-20-7	
m&p-Xylene	**6470**	ug/L	1250	514	125		10/10/20 05:13	179601-23-1	
o-Xylene	**2840**	ug/L	625	255	125		10/10/20 05:13	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		125		10/10/20 05:13	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		125		10/10/20 05:13	17060-07-0	
Toluene-d8 (S)	101	%	70-130		125		10/10/20 05:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-31 **Lab ID: 92499412034** Collected: 10/06/20 11:26 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.012	1	10/12/20 09:13	10/13/20 07:38	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	86	%	60-140		1	10/12/20 09:13	10/13/20 07:38	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/09/20 17:30	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 17:30	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/09/20 17:30	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 17:30	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/09/20 17:30	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 17:30	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/09/20 17:30	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 17:30	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 17:30	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/09/20 17:30	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 17:30	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/09/20 17:30	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/09/20 17:30	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 17:30	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 17:30	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 17:30	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/09/20 17:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		10/09/20 17:30	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		10/09/20 17:30	17060-07-0	
Toluene-d8 (S)	93	%	70-130		1		10/09/20 17:30	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-32 **Lab ID: 92499412035** Collected: 10/06/20 11:24 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**1.5**	ug/L	0.049	0.028	2.5	10/12/20 09:13	10/13/20 13:41	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	122	%	60-140		2.5	10/12/20 09:13	10/13/20 13:41	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	10000	6560	100		10/09/20 05:35	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1000	304	100		10/09/20 05:35	994-05-8	
Benzene	**3180**	ug/L	500	174	100		10/09/20 05:35	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	10000	5390	100		10/09/20 05:35	624-95-3	
tert-Butyl Alcohol	ND	ug/L	10000	9100	100		10/09/20 05:35	75-65-0	
tert-Butyl Formate	ND	ug/L	5000	2410	100		10/09/20 05:35	762-75-4	
1,2-Dichloroethane	ND	ug/L	500	206	100		10/09/20 05:35	107-06-2	
Diisopropyl ether	ND	ug/L	500	349	100		10/09/20 05:35	108-20-3	
Ethanol	ND	ug/L	20000	14400	100		10/09/20 05:35	64-17-5	
Ethylbenzene	**2250**	ug/L	500	184	100		10/09/20 05:35	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1000	846	100		10/09/20 05:35	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	500	310	100		10/09/20 05:35	1634-04-4	
Naphthalene	**328J**	ug/L	500	209	100		10/09/20 05:35	91-20-3	
Toluene	**10800**	ug/L	500	201	100		10/09/20 05:35	108-88-3	
Xylene (Total)	**10400**	ug/L	500	500	100		10/09/20 05:35	1330-20-7	
m&p-Xylene	**8100**	ug/L	1000	411	100		10/09/20 05:35	179601-23-1	
o-Xylene	**2350**	ug/L	500	204	100		10/09/20 05:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		100		10/09/20 05:35	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		100		10/09/20 05:35	17060-07-0	
Toluene-d8 (S)	96	%	70-130		100		10/09/20 05:35	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-33 **Lab ID: 92499412036** Collected: 10/06/20 11:37 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**146**	ug/L	4.1	2.3	200	10/12/20 09:13	10/13/20 23:12	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		200	10/12/20 09:13	10/13/20 23:12	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	40000	26200	400		10/09/20 21:06	75-85-4	
tert-Amylmethyl ether	ND	ug/L	4000	1220	400		10/09/20 21:06	994-05-8	
Benzene	**16400**	ug/L	2000	696	400		10/09/20 21:06	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	40000	21600	400		10/09/20 21:06	624-95-3	
tert-Butyl Alcohol	ND	ug/L	40000	36400	400		10/09/20 21:06	75-65-0	
tert-Butyl Formate	ND	ug/L	20000	9640	400		10/09/20 21:06	762-75-4	
1,2-Dichloroethane	ND	ug/L	2000	824	400		10/09/20 21:06	107-06-2	
Diisopropyl ether	ND	ug/L	2000	1400	400		10/09/20 21:06	108-20-3	
Ethanol	ND	ug/L	80000	57600	400		10/09/20 21:06	64-17-5	
Ethylbenzene	**3920**	ug/L	2000	736	400		10/09/20 21:06	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	4000	3380	400		10/09/20 21:06	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	2000	1240	400		10/09/20 21:06	1634-04-4	
Naphthalene	ND	ug/L	2000	836	400		10/09/20 21:06	91-20-3	
Toluene	**54000**	ug/L	2000	804	400		10/09/20 21:06	108-88-3	
Xylene (Total)	**20000**	ug/L	2000	2000	400		10/09/20 21:06	1330-20-7	
m&p-Xylene	**13800**	ug/L	4000	1640	400		10/09/20 21:06	179601-23-1	
o-Xylene	**6160**	ug/L	2000	816	400		10/09/20 21:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		400		10/09/20 21:06	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		400		10/09/20 21:06	17060-07-0	
Toluene-d8 (S)	94	%	70-130		400		10/09/20 21:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-34 **Lab ID: 92499412037** Collected: 10/06/20 12:57 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**4.2**	ug/L	0.099	0.056	5	10/12/20 09:13	10/13/20 14:12	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	138	%	60-140		5	10/12/20 09:13	10/13/20 14:12	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	12500	8200	125		10/09/20 06:11	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1250	380	125		10/09/20 06:11	994-05-8	
Benzene	**2880**	ug/L	625	218	125		10/09/20 06:11	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	12500	6740	125		10/09/20 06:11	624-95-3	
tert-Butyl Alcohol	ND	ug/L	12500	11400	125		10/09/20 06:11	75-65-0	
tert-Butyl Formate	ND	ug/L	6250	3010	125		10/09/20 06:11	762-75-4	
1,2-Dichloroethane	ND	ug/L	625	258	125		10/09/20 06:11	107-06-2	
Diisopropyl ether	ND	ug/L	625	436	125		10/09/20 06:11	108-20-3	
Ethanol	ND	ug/L	25000	18000	125		10/09/20 06:11	64-17-5	
Ethylbenzene	**1820**	ug/L	625	230	125		10/09/20 06:11	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1250	1060	125		10/09/20 06:11	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	625	388	125		10/09/20 06:11	1634-04-4	
Naphthalene	**634**	ug/L	625	261	125		10/09/20 06:11	91-20-3	
Toluene	**15800**	ug/L	625	251	125		10/09/20 06:11	108-88-3	
Xylene (Total)	**19200**	ug/L	625	625	125		10/09/20 06:11	1330-20-7	
m&p-Xylene	**13100**	ug/L	1250	514	125		10/09/20 06:11	179601-23-1	
o-Xylene	**6140**	ug/L	625	255	125		10/09/20 06:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		125		10/09/20 06:11	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		125		10/09/20 06:11	17060-07-0	
Toluene-d8 (S)	94	%	70-130		125		10/09/20 06:11	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: MW-35 Lab ID: **92499412038** Collected: 10/06/20 12:35 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**649**	ug/L	20.3	11.5	1000	10/12/20 09:13	10/13/20 14:28	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		1000	10/12/20 09:13	10/13/20 14:28	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**33900**	ug/L	25000	16400	250		10/09/20 08:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2500	760	250		10/09/20 08:17	994-05-8	
Benzene	**14200**	ug/L	1250	435	250		10/09/20 08:17	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	25000	13500	250		10/09/20 08:17	624-95-3	
tert-Butyl Alcohol	ND	ug/L	25000	22800	250		10/09/20 08:17	75-65-0	
tert-Butyl Formate	ND	ug/L	12500	6020	250		10/09/20 08:17	762-75-4	
1,2-Dichloroethane	ND	ug/L	1250	515	250		10/09/20 08:17	107-06-2	
Diisopropyl ether	ND	ug/L	1250	872	250		10/09/20 08:17	108-20-3	
Ethanol	ND	ug/L	50000	36000	250		10/09/20 08:17	64-17-5	
Ethylbenzene	**2330**	ug/L	1250	460	250		10/09/20 08:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2500	2120	250		10/09/20 08:17	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1250	775	250		10/09/20 08:17	1634-04-4	
Naphthalene	**672J**	ug/L	1250	522	250		10/09/20 08:17	91-20-3	
Toluene	**43900**	ug/L	1250	502	250		10/09/20 08:17	108-88-3	
Xylene (Total)	**20800**	ug/L	1250	1250	250		10/09/20 08:17	1330-20-7	
m&p-Xylene	**14100**	ug/L	2500	1030	250		10/09/20 08:17	179601-23-1	
o-Xylene	**6640**	ug/L	1250	510	250		10/09/20 08:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		250		10/09/20 08:17	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		250		10/09/20 08:17	17060-07-0	
Toluene-d8 (S)	96	%	70-130		250		10/09/20 08:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: TFR-1 **Lab ID: 92499412039** Collected: 10/06/20 13:25 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**5.6**	ug/L	0.20	0.11	10	10/12/20 09:13	10/13/20 14:43	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		10	10/12/20 09:13	10/13/20 14:43	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	12500	8200	125		10/09/20 06:29	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1250	380	125		10/09/20 06:29	994-05-8	
Benzene	**636**	ug/L	625	218	125		10/09/20 06:29	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	12500	6740	125		10/09/20 06:29	624-95-3	
tert-Butyl Alcohol	ND	ug/L	12500	11400	125		10/09/20 06:29	75-65-0	
tert-Butyl Formate	ND	ug/L	6250	3010	125		10/09/20 06:29	762-75-4	
1,2-Dichloroethane	ND	ug/L	625	258	125		10/09/20 06:29	107-06-2	
Diisopropyl ether	ND	ug/L	625	436	125		10/09/20 06:29	108-20-3	
Ethanol	ND	ug/L	25000	18000	125		10/09/20 06:29	64-17-5	
Ethylbenzene	**4580**	ug/L	625	230	125		10/09/20 06:29	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1250	1060	125		10/09/20 06:29	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	625	388	125		10/09/20 06:29	1634-04-4	
Naphthalene	**509J**	ug/L	625	261	125		10/09/20 06:29	91-20-3	
Toluene	**20200**	ug/L	625	251	125		10/09/20 06:29	108-88-3	
Xylene (Total)	**27300**	ug/L	625	625	125		10/09/20 06:29	1330-20-7	
m&p-Xylene	**18300**	ug/L	1250	514	125		10/09/20 06:29	179601-23-1	
o-Xylene	**9010**	ug/L	625	255	125		10/09/20 06:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		125		10/09/20 06:29	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		125		10/09/20 06:29	17060-07-0	
Toluene-d8 (S)	94	%	70-130		125		10/09/20 06:29	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: TFR-2 **Lab ID: 92499412040** Collected: 10/06/20 14:32 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.031**	ug/L	0.020	0.011	1	10/12/20 09:13	10/13/20 09:10	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	89	%	60-140		1	10/12/20 09:13	10/13/20 09:10	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	250	164	2.5		10/10/20 02:34	75-85-4	
tert-Amylmethyl ether	ND	ug/L	25.0	7.6	2.5		10/10/20 02:34	994-05-8	
Benzene	**70.0**	ug/L	12.5	4.4	2.5		10/10/20 02:34	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	250	135	2.5		10/10/20 02:34	624-95-3	
tert-Butyl Alcohol	ND	ug/L	250	228	2.5		10/10/20 02:34	75-65-0	
tert-Butyl Formate	ND	ug/L	125	60.2	2.5		10/10/20 02:34	762-75-4	
1,2-Dichloroethane	ND	ug/L	12.5	5.2	2.5		10/10/20 02:34	107-06-2	
Diisopropyl ether	ND	ug/L	12.5	8.7	2.5		10/10/20 02:34	108-20-3	
Ethanol	ND	ug/L	500	360	2.5		10/10/20 02:34	64-17-5	
Ethylbenzene	**21.3**	ug/L	12.5	4.6	2.5		10/10/20 02:34	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	25.0	21.2	2.5		10/10/20 02:34	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	12.5	7.8	2.5		10/10/20 02:34	1634-04-4	
Naphthalene	**12.4J**	ug/L	12.5	5.2	2.5		10/10/20 02:34	91-20-3	v2
Toluene	**269**	ug/L	12.5	5.0	2.5		10/10/20 02:34	108-88-3	
Xylene (Total)	**690**	ug/L	12.5	12.5	2.5		10/10/20 02:34	1330-20-7	
m&p-Xylene	**379**	ug/L	25.0	10.3	2.5		10/10/20 02:34	179601-23-1	
o-Xylene	**311**	ug/L	12.5	5.1	2.5		10/10/20 02:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		2.5		10/10/20 02:34	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		2.5		10/10/20 02:34	17060-07-0	
Toluene-d8 (S)	103	%	70-130		2.5		10/10/20 02:34	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: TFR-3 **Lab ID: 92499412041** Collected: 10/06/20 13:09 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**12.8**	ug/L	0.51	0.29	25	10/12/20 09:13	10/13/20 23:27	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		25	10/12/20 09:13	10/13/20 23:27	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	4000	2620	40		10/10/20 03:44	75-85-4	
tert-Amylmethyl ether	ND	ug/L	400	122	40		10/10/20 03:44	994-05-8	
Benzene	**2460**	ug/L	200	69.6	40		10/10/20 03:44	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	4000	2160	40		10/10/20 03:44	624-95-3	
tert-Butyl Alcohol	ND	ug/L	4000	3640	40		10/10/20 03:44	75-65-0	
tert-Butyl Formate	ND	ug/L	2000	964	40		10/10/20 03:44	762-75-4	
1,2-Dichloroethane	ND	ug/L	200	82.4	40		10/10/20 03:44	107-06-2	
Diisopropyl ether	ND	ug/L	200	140	40		10/10/20 03:44	108-20-3	
Ethanol	ND	ug/L	8000	5760	40		10/10/20 03:44	64-17-5	
Ethylbenzene	**211**	ug/L	200	73.6	40		10/10/20 03:44	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	400	338	40		10/10/20 03:44	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	200	124	40		10/10/20 03:44	1634-04-4	
Naphthalene	**101J**	ug/L	200	83.6	40		10/10/20 03:44	91-20-3	v2
Toluene	**5560**	ug/L	200	80.4	40		10/10/20 03:44	108-88-3	
Xylene (Total)	**3010**	ug/L	200	200	40		10/10/20 03:44	1330-20-7	
m&p-Xylene	**1820**	ug/L	400	164	40		10/10/20 03:44	179601-23-1	
o-Xylene	**1190**	ug/L	200	81.6	40		10/10/20 03:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		40		10/10/20 03:44	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		40		10/10/20 03:44	17060-07-0	
Toluene-d8 (S)	101	%	70-130		40		10/10/20 03:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: TFR-4 **Lab ID: 92499412042** Collected: 10/06/20 13:10 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**12.7**	ug/L	0.40	0.23	20	10/12/20 09:13	10/13/20 11:59	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		20	10/12/20 09:13	10/13/20 11:59	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	5000	3280	50		10/09/20 22:20	75-85-4	
tert-Amylmethyl ether	ND	ug/L	500	152	50		10/09/20 22:20	994-05-8	
Benzene	**2520**	ug/L	250	87.0	50		10/09/20 22:20	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	5000	2700	50		10/09/20 22:20	624-95-3	
tert-Butyl Alcohol	ND	ug/L	5000	4550	50		10/09/20 22:20	75-65-0	
tert-Butyl Formate	ND	ug/L	2500	1200	50		10/09/20 22:20	762-75-4	
1,2-Dichloroethane	ND	ug/L	250	103	50		10/09/20 22:20	107-06-2	
Diisopropyl ether	ND	ug/L	250	174	50		10/09/20 22:20	108-20-3	
Ethanol	ND	ug/L	10000	7200	50		10/09/20 22:20	64-17-5	
Ethylbenzene	**304**	ug/L	250	92.0	50		10/09/20 22:20	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	500	423	50		10/09/20 22:20	637-92-3	
Methyl-tert-butyl ether	**166J**	ug/L	250	155	50		10/09/20 22:20	1634-04-4	
Naphthalene	**186J**	ug/L	250	104	50		10/09/20 22:20	91-20-3	
Toluene	**6990**	ug/L	250	100	50		10/09/20 22:20	108-88-3	
Xylene (Total)	**5830**	ug/L	250	250	50		10/09/20 22:20	1330-20-7	
m&p-Xylene	**3790**	ug/L	500	206	50		10/09/20 22:20	179601-23-1	
o-Xylene	**2040**	ug/L	250	102	50		10/09/20 22:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		50		10/09/20 22:20	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		50		10/09/20 22:20	17060-07-0	
Toluene-d8 (S)	96	%	70-130		50		10/09/20 22:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: TFR-6 **Lab ID: 92499412043** Collected: 10/06/20 12:55 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**19.2**	ug/L	0.51	0.29	25	10/12/20 09:13	10/13/20 12:11	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		25	10/12/20 09:13	10/13/20 12:11	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	20000	13100	200		10/09/20 07:05	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	608	200		10/09/20 07:05	994-05-8	
Benzene	**4000**	ug/L	1000	348	200		10/09/20 07:05	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10800	200		10/09/20 07:05	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	18200	200		10/09/20 07:05	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	4820	200		10/09/20 07:05	762-75-4	
1,2-Dichloroethane	ND	ug/L	1000	412	200		10/09/20 07:05	107-06-2	
Diisopropyl ether	ND	ug/L	1000	698	200		10/09/20 07:05	108-20-3	
Ethanol	ND	ug/L	40000	28800	200		10/09/20 07:05	64-17-5	
Ethylbenzene	**2430**	ug/L	1000	368	200		10/09/20 07:05	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2000	1690	200		10/09/20 07:05	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1000	620	200		10/09/20 07:05	1634-04-4	
Naphthalene	**592J**	ug/L	1000	418	200		10/09/20 07:05	91-20-3	
Toluene	**25900**	ug/L	1000	402	200		10/09/20 07:05	108-88-3	
Xylene (Total)	**17900**	ug/L	1000	1000	200		10/09/20 07:05	1330-20-7	
m&p-Xylene	**12000**	ug/L	2000	822	200		10/09/20 07:05	179601-23-1	
o-Xylene	**5840**	ug/L	1000	408	200		10/09/20 07:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		200		10/09/20 07:05	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		200		10/09/20 07:05	17060-07-0	
Toluene-d8 (S)	95	%	70-130		200		10/09/20 07:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: TFR-9 **Lab ID: 92499412044** Collected: 10/06/20 12:45 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**68.5**	ug/L	2.0	1.2	100	10/12/20 09:13	10/13/20 12:27	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		100	10/12/20 09:13	10/13/20 12:27	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**35800**	ug/L	20000	13100	200		10/10/20 03:06	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	608	200		10/10/20 03:06	994-05-8	
Benzene	**11300**	ug/L	1000	348	200		10/10/20 03:06	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10800	200		10/10/20 03:06	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	18200	200		10/10/20 03:06	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	4820	200		10/10/20 03:06	762-75-4	
1,2-Dichloroethane	**526J**	ug/L	1000	412	200		10/10/20 03:06	107-06-2	
Diisopropyl ether	ND	ug/L	1000	698	200		10/10/20 03:06	108-20-3	
Ethanol	ND	ug/L	40000	28800	200		10/10/20 03:06	64-17-5	
Ethylbenzene	**2230**	ug/L	1000	368	200		10/10/20 03:06	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2000	1690	200		10/10/20 03:06	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1000	620	200		10/10/20 03:06	1634-04-4	
Naphthalene	ND	ug/L	1000	418	200		10/10/20 03:06	91-20-3	
Toluene	**30900**	ug/L	1000	402	200		10/10/20 03:06	108-88-3	
Xylene (Total)	**14200**	ug/L	1000	1000	200		10/10/20 03:06	1330-20-7	
m&p-Xylene	**9540**	ug/L	2000	822	200		10/10/20 03:06	179601-23-1	
o-Xylene	**4680**	ug/L	1000	408	200		10/10/20 03:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		200		10/10/20 03:06	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		200		10/10/20 03:06	17060-07-0	
Toluene-d8 (S)	97	%	70-130		200		10/10/20 03:06	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: TFR-10 **Lab ID: 92499412045** Collected: 10/06/20 12:29 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**246**	ug/L	7.9	4.5	400	10/12/20 09:13	10/13/20 12:39	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		400	10/12/20 09:13	10/13/20 12:39	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**15600J**	ug/L	20000	13100	200		10/09/20 19:54	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	608	200		10/09/20 19:54	994-05-8	
Benzene	**10100**	ug/L	1000	348	200		10/09/20 19:54	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10800	200		10/09/20 19:54	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	18200	200		10/09/20 19:54	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	4820	200		10/09/20 19:54	762-75-4	
1,2-Dichloroethane	ND	ug/L	1000	412	200		10/09/20 19:54	107-06-2	
Diisopropyl ether	ND	ug/L	1000	698	200		10/09/20 19:54	108-20-3	
Ethanol	ND	ug/L	40000	28800	200		10/09/20 19:54	64-17-5	
Ethylbenzene	**2200**	ug/L	1000	368	200		10/09/20 19:54	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2000	1690	200		10/09/20 19:54	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1000	620	200		10/09/20 19:54	1634-04-4	
Naphthalene	ND	ug/L	1000	418	200		10/09/20 19:54	91-20-3	
Toluene	**27400**	ug/L	1000	402	200		10/09/20 19:54	108-88-3	
Xylene (Total)	**15500**	ug/L	1000	1000	200		10/09/20 19:54	1330-20-7	
m&p-Xylene	**10500**	ug/L	2000	822	200		10/09/20 19:54	179601-23-1	
o-Xylene	**4950**	ug/L	1000	408	200		10/09/20 19:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		200		10/09/20 19:54	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		200		10/09/20 19:54	17060-07-0	
Toluene-d8 (S)	97	%	70-130		200		10/09/20 19:54	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: TFR-11 **Lab ID: 92499412046** Collected: 10/06/20 12:24 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**636**	ug/L	20.1	11.4	1000	10/12/20 09:13	10/13/20 12:51	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		1000	10/12/20 09:13	10/13/20 12:51	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**22200J**	ug/L	25000	16400	250		10/09/20 20:30	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2500	760	250		10/09/20 20:30	994-05-8	
Benzene	**21100**	ug/L	1250	435	250		10/09/20 20:30	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	25000	13500	250		10/09/20 20:30	624-95-3	
tert-Butyl Alcohol	ND	ug/L	25000	22800	250		10/09/20 20:30	75-65-0	
tert-Butyl Formate	ND	ug/L	12500	6020	250		10/09/20 20:30	762-75-4	
1,2-Dichloroethane	**683J**	ug/L	1250	515	250		10/09/20 20:30	107-06-2	
Diisopropyl ether	ND	ug/L	1250	872	250		10/09/20 20:30	108-20-3	
Ethanol	ND	ug/L	50000	36000	250		10/09/20 20:30	64-17-5	
Ethylbenzene	**3860**	ug/L	1250	460	250		10/09/20 20:30	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2500	2120	250		10/09/20 20:30	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1250	775	250		10/09/20 20:30	1634-04-4	
Naphthalene	**601J**	ug/L	1250	522	250		10/09/20 20:30	91-20-3	
Toluene	**45600**	ug/L	1250	502	250		10/09/20 20:30	108-88-3	
Xylene (Total)	**20000**	ug/L	1250	1250	250		10/09/20 20:30	1330-20-7	
m&p-Xylene	**13800**	ug/L	2500	1030	250		10/09/20 20:30	179601-23-1	
o-Xylene	**6190**	ug/L	1250	510	250		10/09/20 20:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		250		10/09/20 20:30	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		250		10/09/20 20:30	17060-07-0	
Toluene-d8 (S)	93	%	70-130		250		10/09/20 20:30	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: DUP-1 **Lab ID: 92499412047** Collected: 10/06/20 10:54 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.057**	ug/L	0.019	0.011	1	10/12/20 09:13	10/13/20 09:15	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	101	%	60-140		1	10/12/20 09:13	10/13/20 09:15	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**2910**	ug/L	100	65.6	1		10/09/20 21:26	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/09/20 21:26	994-05-8	
Benzene	**30.5**	ug/L	5.0	1.7	1		10/09/20 21:26	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/09/20 21:26	624-95-3	
tert-Butyl Alcohol	**206**	ug/L	100	91.0	1		10/09/20 21:26	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/09/20 21:26	762-75-4	
1,2-Dichloroethane	**3.1J**	ug/L	5.0	2.1	1		10/09/20 21:26	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/09/20 21:26	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/09/20 21:26	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/09/20 21:26	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/09/20 21:26	637-92-3	
Methyl-tert-butyl ether	**57.8**	ug/L	5.0	3.1	1		10/09/20 21:26	1634-04-4	
Naphthalene	**39.8**	ug/L	5.0	2.1	1		10/09/20 21:26	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/09/20 21:26	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/09/20 21:26	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/09/20 21:26	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/09/20 21:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		10/09/20 21:26	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		10/09/20 21:26	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		10/09/20 21:26	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: DUP-2 **Lab ID: 92499412048** Collected: 10/06/20 11:37 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**280**	ug/L	10.0	5.7	500	10/12/20 09:13	10/13/20 11:12	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		500	10/12/20 09:13	10/13/20 11:12	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**28000J**	ug/L	40000	26200	400		10/10/20 02:48	75-85-4	
tert-Amylmethyl ether	ND	ug/L	4000	1220	400		10/10/20 02:48	994-05-8	
Benzene	**16400**	ug/L	2000	696	400		10/10/20 02:48	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	40000	21600	400		10/10/20 02:48	624-95-3	
tert-Butyl Alcohol	ND	ug/L	40000	36400	400		10/10/20 02:48	75-65-0	
tert-Butyl Formate	ND	ug/L	20000	9640	400		10/10/20 02:48	762-75-4	
1,2-Dichloroethane	ND	ug/L	2000	824	400		10/10/20 02:48	107-06-2	
Diisopropyl ether	ND	ug/L	2000	1400	400		10/10/20 02:48	108-20-3	
Ethanol	ND	ug/L	80000	57600	400		10/10/20 02:48	64-17-5	
Ethylbenzene	**4020**	ug/L	2000	736	400		10/10/20 02:48	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	4000	3380	400		10/10/20 02:48	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	2000	1240	400		10/10/20 02:48	1634-04-4	
Naphthalene	ND	ug/L	2000	836	400		10/10/20 02:48	91-20-3	
Toluene	**55300**	ug/L	2000	804	400		10/10/20 02:48	108-88-3	
Xylene (Total)	**19500**	ug/L	2000	2000	400		10/10/20 02:48	1330-20-7	
m&p-Xylene	**13700**	ug/L	4000	1640	400		10/10/20 02:48	179601-23-1	
o-Xylene	**5770**	ug/L	2000	816	400		10/10/20 02:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		400		10/10/20 02:48	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		400		10/10/20 02:48	17060-07-0	
Toluene-d8 (S)	99	%	70-130		400		10/10/20 02:48	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: DUP-3 **Lab ID: 92499412049** Collected: 10/06/20 12:45 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**160**	ug/L	4.0	2.3	200	10/12/20 09:13	10/13/20 11:24	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		200	10/12/20 09:13	10/13/20 11:24	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**47400**	ug/L	25000	16400	250		10/10/20 02:12	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2500	760	250		10/10/20 02:12	994-05-8	
Benzene	**11900**	ug/L	1250	435	250		10/10/20 02:12	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	25000	13500	250		10/10/20 02:12	624-95-3	
tert-Butyl Alcohol	ND	ug/L	25000	22800	250		10/10/20 02:12	75-65-0	
tert-Butyl Formate	ND	ug/L	12500	6020	250		10/10/20 02:12	762-75-4	
1,2-Dichloroethane	**669J**	ug/L	1250	515	250		10/10/20 02:12	107-06-2	
Diisopropyl ether	ND	ug/L	1250	872	250		10/10/20 02:12	108-20-3	
Ethanol	ND	ug/L	50000	36000	250		10/10/20 02:12	64-17-5	
Ethylbenzene	**2270**	ug/L	1250	460	250		10/10/20 02:12	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2500	2120	250		10/10/20 02:12	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1250	775	250		10/10/20 02:12	1634-04-4	
Naphthalene	**628J**	ug/L	1250	522	250		10/10/20 02:12	91-20-3	C8
Toluene	**29500**	ug/L	1250	502	250		10/10/20 02:12	108-88-3	
Xylene (Total)	**14900**	ug/L	1250	1250	250		10/10/20 02:12	1330-20-7	
m&p-Xylene	**10000**	ug/L	2500	1030	250		10/10/20 02:12	179601-23-1	
o-Xylene	**4870**	ug/L	1250	510	250		10/10/20 02:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		250		10/10/20 02:12	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		250		10/10/20 02:12	17060-07-0	
Toluene-d8 (S)	95	%	70-130		250		10/10/20 02:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: Field Blank **Lab ID: 92499412050** Collected: 10/06/20 15:35 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:13	10/12/20 18:36	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	91	%	60-140		1	10/12/20 09:13	10/12/20 18:36	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 17:21	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 17:21	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 17:21	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 17:21	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 17:21	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 17:21	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 17:21	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 17:21	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 17:21	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 17:21	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 17:21	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 17:21	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 17:21	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 17:21	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 17:21	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 17:21	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 17:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		10/08/20 17:21	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		10/08/20 17:21	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/08/20 17:21	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: Trip Blank 1 **Lab ID: 92499412051** Collected: 10/06/20 08:00 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 16:45	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 16:45	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 16:45	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 16:45	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 16:45	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 16:45	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 16:45	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 16:45	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 16:45	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 16:45	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 16:45	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 16:45	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 16:45	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 16:45	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 16:45	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 16:45	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 16:45	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/08/20 16:45	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		10/08/20 16:45	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		10/08/20 16:45	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Sample: Trip Blank 2 **Lab ID: 92499412052** Collected: 10/06/20 08:00 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		10/08/20 17:03	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		10/08/20 17:03	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		10/08/20 17:03	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		10/08/20 17:03	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		10/08/20 17:03	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		10/08/20 17:03	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		10/08/20 17:03	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		10/08/20 17:03	108-20-3	
Ethanol	ND	ug/L	200	144	1		10/08/20 17:03	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		10/08/20 17:03	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		10/08/20 17:03	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		10/08/20 17:03	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		10/08/20 17:03	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		10/08/20 17:03	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		10/08/20 17:03	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		10/08/20 17:03	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		10/08/20 17:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		10/08/20 17:03	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		10/08/20 17:03	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		10/08/20 17:03	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 571892
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499412002, 92499412003

METHOD BLANK: 3029128 Matrix: Water
Associated Lab Samples: 92499412002, 92499412003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	10/09/20 10:58	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	10/09/20 10:58	
Benzene	ug/L	ND	5.0	1.7	10/09/20 10:58	
Diisopropyl ether	ug/L	ND	5.0	3.5	10/09/20 10:58	
Ethanol	ug/L	ND	200	144	10/09/20 10:58	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	10/09/20 10:58	
Ethylbenzene	ug/L	ND	5.0	1.8	10/09/20 10:58	
m&p-Xylene	ug/L	ND	10.0	4.1	10/09/20 10:58	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	10/09/20 10:58	
Naphthalene	ug/L	ND	5.0	2.1	10/09/20 10:58	v2
o-Xylene	ug/L	ND	5.0	2.0	10/09/20 10:58	
tert-Amyl Alcohol	ug/L	ND	100	65.6	10/09/20 10:58	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	10/09/20 10:58	
tert-Butyl Alcohol	ug/L	ND	100	91.0	10/09/20 10:58	
tert-Butyl Formate	ug/L	ND	50.0	24.1	10/09/20 10:58	
Toluene	ug/L	ND	5.0	2.0	10/09/20 10:58	
Xylene (Total)	ug/L	ND	5.0	5.0	10/09/20 10:58	
1,2-Dichloroethane-d4 (S)	%	112	70-130		10/09/20 10:58	
4-Bromofluorobenzene (S)	%	99	70-130		10/09/20 10:58	
Toluene-d8 (S)	%	103	70-130		10/09/20 10:58	

LABORATORY CONTROL SAMPLE: 3029129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	48.9	98	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1120	112	70-130	
Benzene	ug/L	50	48.8	98	70-130	
Diisopropyl ether	ug/L	50	48.7	97	70-130	
Ethanol	ug/L	2000	2280	114	70-130	
Ethyl-tert-butyl ether	ug/L	100	99.9	100	70-130	
Ethylbenzene	ug/L	50	45.6	91	70-130	
m&p-Xylene	ug/L	100	91.0	91	70-130	
Methyl-tert-butyl ether	ug/L	50	48.8	98	70-130	
Naphthalene	ug/L	50	44.4	89	70-130	v3
o-Xylene	ug/L	50	45.6	91	70-130	
tert-Amyl Alcohol	ug/L	1000	1030	103	70-130	
tert-Amylmethyl ether	ug/L	100	97.1	97	70-130	
tert-Butyl Alcohol	ug/L	500	541	108	70-130	
tert-Butyl Formate	ug/L	400	403	101	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

LABORATORY CONTROL SAMPLE: 3029129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	46.4	93	70-130	
Xylene (Total)	ug/L	150	137	91	70-130	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3029130 3029131

Parameter	Units	92499090027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	100	100	95.3	108	94	107	70-137	13	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	2000	2000	2070	2340	104	117	39-157	12	30	
Benzene	ug/L	217	100	100	323	371	107	155	70-151	14	30	M1
Diisopropyl ether	ug/L	ND	100	100	87.2	99.4	87	99	63-144	13	30	
Ethanol	ug/L	ND	4000	4000	3700	4090	93	102	39-176	10	30	
Ethyl-tert-butyl ether	ug/L	ND	200	200	179	206	89	103	66-137	14	30	
Ethylbenzene	ug/L	32.2	100	100	112	132	80	99	66-153	16	30	
m&p-Xylene	ug/L	137	200	200	311	363	87	113	69-152	16	30	
Methyl-tert-butyl ether	ug/L	ND	100	100	91.0	101	91	101	54-156	11	30	
Naphthalene	ug/L	ND	100	100	80.2	108	65	93	61-148	30	30	v3
o-Xylene	ug/L	108	100	100	196	234	87	126	70-148	18	30	
tert-Amyl Alcohol	ug/L	ND	2000	2000	3600	3880	180	194	54-153	7	30	M1
tert-Amylmethyl ether	ug/L	ND	200	200	169	196	84	98	69-139	15	30	
tert-Butyl Alcohol	ug/L	ND	1000	1000	1420	1530	142	153	43-188	8	30	
tert-Butyl Formate	ug/L	ND	800	800	ND	ND	0	1	10-170		30	P5
Toluene	ug/L	506	100	100	608	698	103	192	59-148	14	30	M1
Xylene (Total)	ug/L	245	300	300	506	597	87	117	63-158	16	30	
1,2-Dichloroethane-d4 (S)	%						107	112	70-130			
4-Bromofluorobenzene (S)	%						101	100	70-130			
Toluene-d8 (S)	%						99	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 571918
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499412009, 92499412019, 92499412022, 92499412023, 92499412035, 92499412037, 92499412038, 92499412039, 92499412043

METHOD BLANK: 3029243 Matrix: Water
Associated Lab Samples: 92499412009, 92499412019, 92499412022, 92499412023, 92499412035, 92499412037, 92499412038, 92499412039, 92499412043

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	10/09/20 01:58	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	10/09/20 01:58	
Benzene	ug/L	ND	5.0	1.7	10/09/20 01:58	
Diisopropyl ether	ug/L	ND	5.0	3.5	10/09/20 01:58	
Ethanol	ug/L	ND	200	144	10/09/20 01:58	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	10/09/20 01:58	
Ethylbenzene	ug/L	ND	5.0	1.8	10/09/20 01:58	
m&p-Xylene	ug/L	ND	10.0	4.1	10/09/20 01:58	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	10/09/20 01:58	
Naphthalene	ug/L	ND	5.0	2.1	10/09/20 01:58	
o-Xylene	ug/L	ND	5.0	2.0	10/09/20 01:58	
tert-Amyl Alcohol	ug/L	ND	100	65.6	10/09/20 01:58	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	10/09/20 01:58	
tert-Butyl Alcohol	ug/L	ND	100	91.0	10/09/20 01:58	
tert-Butyl Formate	ug/L	ND	50.0	24.1	10/09/20 01:58	
Toluene	ug/L	ND	5.0	2.0	10/09/20 01:58	
Xylene (Total)	ug/L	ND	5.0	5.0	10/09/20 01:58	
1,2-Dichloroethane-d4 (S)	%	99	70-130		10/09/20 01:58	
4-Bromofluorobenzene (S)	%	99	70-130		10/09/20 01:58	
Toluene-d8 (S)	%	94	70-130		10/09/20 01:58	

LABORATORY CONTROL SAMPLE: 3029244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	48.2	96	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1200	120	70-130	
Benzene	ug/L	50	48.6	97	70-130	
Diisopropyl ether	ug/L	50	44.8	90	70-130	
Ethanol	ug/L	2000	1840	92	70-130	
Ethyl-tert-butyl ether	ug/L	100	96.8	97	70-130	
Ethylbenzene	ug/L	50	50.0	100	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	46.6	93	70-130	
Naphthalene	ug/L	50	52.3	105	70-130	
o-Xylene	ug/L	50	50.3	101	70-130	
tert-Amyl Alcohol	ug/L	1000	1040	104	70-130	
tert-Amylmethyl ether	ug/L	100	98.1	98	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

LABORATORY CONTROL SAMPLE: 3029244

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butyl Alcohol	ug/L	500	484	97	70-130	
tert-Butyl Formate	ug/L	400	395	99	70-130	
Toluene	ug/L	50	47.7	95	70-130	
Xylene (Total)	ug/L	150	151	100	70-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3029245 3029246

Parameter	Units	92499412038 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	5000	5000	5350	5380	100	100	70-137	0	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	100000	100000	107000	104000	107	104	39-157	2	30	
Benzene	ug/L	14200	5000	5000	19200	19400	99	102	70-151	1	30	
Diisopropyl ether	ug/L	ND	5000	5000	4490	4570	90	91	63-144	2	30	
Ethanol	ug/L	ND	200000	200000	175000	176000	88	88	39-176	0	30	
Ethyl-tert-butyl ether	ug/L	ND	10000	10000	9820	9900	98	99	66-137	1	30	
Ethylbenzene	ug/L	2330	5000	5000	7710	7500	107	103	66-153	3	30	
m&p-Xylene	ug/L	14100	10000	10000	24800	24600	107	105	69-152	1	30	
Methyl-tert-butyl ether	ug/L	ND	5000	5000	5140	5240	96	98	54-156	2	30	
Naphthalene	ug/L	672J	5000	5000	6320	6150	113	110	61-148	3	30	
o-Xylene	ug/L	6640	5000	5000	12100	11900	110	105	70-148	2	30	
tert-Amyl Alcohol	ug/L	33900	100000	100000	138000	137000	104	103	54-153	1	30	
tert-Amylmethyl ether	ug/L	ND	10000	10000	10200	10200	102	102	69-139	0	30	
tert-Butyl Alcohol	ug/L	ND	50000	50000	47800	48600	96	97	43-188	2	30	
tert-Butyl Formate	ug/L	ND	40000	40000	39800	40600	99	101	10-170	2	30	
Toluene	ug/L	43900	5000	5000	49700	49700	116	116	59-148	0	30	
Xylene (Total)	ug/L	20800	15000	15000	36900	36500	108	105	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						98	101	70-130			
4-Bromofluorobenzene (S)	%						98	98	70-130			
Toluene-d8 (S)	%						97	97	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 571929
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499412007, 92499412010, 92499412012, 92499412013, 92499412014, 92499412015, 92499412016, 92499412017, 92499412021, 92499412024, 92499412025, 92499412026, 92499412027, 92499412028, 92499412029, 92499412050, 92499412051, 92499412052

METHOD BLANK: 3029289 Matrix: Water
Associated Lab Samples: 92499412007, 92499412010, 92499412012, 92499412013, 92499412014, 92499412015, 92499412016, 92499412017, 92499412021, 92499412024, 92499412025, 92499412026, 92499412027, 92499412028, 92499412029, 92499412050, 92499412051, 92499412052

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	10/08/20 14:58	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	10/08/20 14:58	
Benzene	ug/L	ND	5.0	1.7	10/08/20 14:58	
Diisopropyl ether	ug/L	ND	5.0	3.5	10/08/20 14:58	
Ethanol	ug/L	ND	200	144	10/08/20 14:58	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	10/08/20 14:58	
Ethylbenzene	ug/L	ND	5.0	1.8	10/08/20 14:58	
m&p-Xylene	ug/L	ND	10.0	4.1	10/08/20 14:58	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	10/08/20 14:58	
Naphthalene	ug/L	ND	5.0	2.1	10/08/20 14:58	
o-Xylene	ug/L	ND	5.0	2.0	10/08/20 14:58	
tert-Amyl Alcohol	ug/L	ND	100	65.6	10/08/20 14:58	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	10/08/20 14:58	
tert-Butyl Alcohol	ug/L	ND	100	91.0	10/08/20 14:58	
tert-Butyl Formate	ug/L	ND	50.0	24.1	10/08/20 14:58	
Toluene	ug/L	ND	5.0	2.0	10/08/20 14:58	
Xylene (Total)	ug/L	ND	5.0	5.0	10/08/20 14:58	
1,2-Dichloroethane-d4 (S)	%	105	70-130		10/08/20 14:58	
4-Bromofluorobenzene (S)	%	102	70-130		10/08/20 14:58	
Toluene-d8 (S)	%	100	70-130		10/08/20 14:58	

LABORATORY CONTROL SAMPLE: 3029290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	48.9	98	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	883	88	70-130	
Benzene	ug/L	50	48.9	98	70-130	
Diisopropyl ether	ug/L	50	41.7	83	70-130	
Ethanol	ug/L	2000	1670	84	70-130	
Ethyl-tert-butyl ether	ug/L	100	95.3	95	70-130	
Ethylbenzene	ug/L	50	48.9	98	70-130	
m&p-Xylene	ug/L	100	99.3	99	70-130	
Methyl-tert-butyl ether	ug/L	50	44.5	89	70-130	
Naphthalene	ug/L	50	45.9	92	70-130	
o-Xylene	ug/L	50	47.2	94	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

LABORATORY CONTROL SAMPLE: 3029290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amyl Alcohol	ug/L	1000	912	91	70-130	
tert-Amylmethyl ether	ug/L	100	98.8	99	70-130	
tert-Butyl Alcohol	ug/L	500	429	86	70-130	
tert-Butyl Formate	ug/L	400	388	97	70-130	
Toluene	ug/L	50	47.5	95	70-130	
Xylene (Total)	ug/L	150	146	98	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3029291 3029292

Parameter	Units	92499412016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	21.4	20.4	107	102	70-137	5	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	348	364	87	91	39-157	5	30	
Benzene	ug/L	ND	20	20	21.0	21.7	105	108	70-151	3	30	
Diisopropyl ether	ug/L	ND	20	20	18.0	17.5	90	88	63-144	3	30	
Ethanol	ug/L	ND	800	800	780	742	98	93	39-176	5	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	40.4	38.5	101	96	66-137	5	30	
Ethylbenzene	ug/L	ND	20	20	20.8	20.8	104	104	66-153	0	30	
m&p-Xylene	ug/L	ND	40	40	42.0	40.6	105	101	69-152	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.4	18.8	97	94	54-156	3	30	
Naphthalene	ug/L	ND	20	20	19.0	18.5	95	93	61-148	3	30	
o-Xylene	ug/L	ND	20	20	19.9	19.9	100	99	70-148	0	30	
tert-Amyl Alcohol	ug/L	ND	400	400	366	369	92	92	54-153	1	30	
tert-Amylmethyl ether	ug/L	ND	40	40	39.7	40.9	99	102	69-139	3	30	
tert-Butyl Alcohol	ug/L	ND	200	200	211	214	106	107	43-188	1	30	
tert-Butyl Formate	ug/L	ND	160	160	98.0	84.7	61	53	10-170	15	30	
Toluene	ug/L	ND	20	20	20.3	20.7	102	104	59-148	2	30	
Xylene (Total)	ug/L	ND	60	60	61.9	60.5	103	101	63-158	2	30	
1,2-Dichloroethane-d4 (S)	%						107	101	70-130			
4-Bromofluorobenzene (S)	%						99	97	70-130			
Toluene-d8 (S)	%						98	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572149
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92499412034

METHOD BLANK: 3030249 Matrix: Water
Associated Lab Samples: 92499412034

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	10/09/20 11:48	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	10/09/20 11:48	
Benzene	ug/L	ND	5.0	1.7	10/09/20 11:48	
Diisopropyl ether	ug/L	ND	5.0	3.5	10/09/20 11:48	
Ethanol	ug/L	ND	200	144	10/09/20 11:48	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	10/09/20 11:48	
Ethylbenzene	ug/L	ND	5.0	1.8	10/09/20 11:48	
m&p-Xylene	ug/L	ND	10.0	4.1	10/09/20 11:48	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	10/09/20 11:48	
Naphthalene	ug/L	ND	5.0	2.1	10/09/20 11:48	
o-Xylene	ug/L	ND	5.0	2.0	10/09/20 11:48	
tert-Amyl Alcohol	ug/L	ND	100	65.6	10/09/20 11:48	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	10/09/20 11:48	
tert-Butyl Alcohol	ug/L	ND	100	91.0	10/09/20 11:48	
tert-Butyl Formate	ug/L	ND	50.0	24.1	10/09/20 11:48	
Toluene	ug/L	ND	5.0	2.0	10/09/20 11:48	
Xylene (Total)	ug/L	ND	5.0	5.0	10/09/20 11:48	
1,2-Dichloroethane-d4 (S)	%	100	70-130		10/09/20 11:48	
4-Bromofluorobenzene (S)	%	100	70-130		10/09/20 11:48	
Toluene-d8 (S)	%	94	70-130		10/09/20 11:48	

LABORATORY CONTROL SAMPLE: 3030250

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	49.8	100	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1190	119	70-130	
Benzene	ug/L	50	50.0	100	70-130	
Diisopropyl ether	ug/L	50	45.7	91	70-130	
Ethanol	ug/L	2000	1970	99	70-130	
Ethyl-tert-butyl ether	ug/L	100	100	100	70-130	
Ethylbenzene	ug/L	50	49.5	99	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	48.7	97	70-130	
Naphthalene	ug/L	50	56.0	112	70-130	
o-Xylene	ug/L	50	49.6	99	70-130	
tert-Amyl Alcohol	ug/L	1000	1100	110	70-130	
tert-Amylmethyl ether	ug/L	100	104	104	70-130	
tert-Butyl Alcohol	ug/L	500	504	101	70-130	
tert-Butyl Formate	ug/L	400	421	105	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

LABORATORY CONTROL SAMPLE: 3030250

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	50.3	101	70-130	
Xylene (Total)	ug/L	150	151	100	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3030251 3030252

Parameter	Units	92499644005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	21.2	20.8	106	104	70-137	2	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	450	438	112	109	39-157	3	30	
Benzene	ug/L	ND	20	20	22.4	21.2	112	106	70-151	6	30	
Diisopropyl ether	ug/L	ND	20	20	19.5	18.9	97	95	63-144	3	30	
Ethanol	ug/L	ND	800	800	769	751	96	94	39-176	2	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	42.9	41.8	107	104	66-137	3	30	
Ethylbenzene	ug/L	ND	20	20	21.9	21.3	110	106	66-153	3	30	
m&p-Xylene	ug/L	ND	40	40	44.1	43.0	110	107	69-152	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.4	20.9	107	105	54-156	3	30	
Naphthalene	ug/L	ND	20	20	22.6	21.1	113	106	61-148	7	30	
o-Xylene	ug/L	ND	20	20	21.6	20.8	108	104	70-148	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	423	405	106	101	54-153	4	30	
tert-Amylmethyl ether	ug/L	ND	40	40	44.4	42.9	111	107	69-139	3	30	
tert-Butyl Alcohol	ug/L	ND	200	200	303	297	151	148	43-188	2	30	
tert-Butyl Formate	ug/L	ND	160	160	ND	ND	0	0	10-170		30	P5
Toluene	ug/L	ND	20	20	21.6	20.3	108	101	59-148	7	30	
Xylene (Total)	ug/L	ND	60	60	65.7	63.8	110	106	63-158	3	30	
1,2-Dichloroethane-d4 (S)	%						102	100	70-130			
4-Bromofluorobenzene (S)	%						97	99	70-130			
Toluene-d8 (S)	%						97	97	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572151
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499412004, 92499412011, 92499412033, 92499412040, 92499412041

METHOD BLANK: 3030258 Matrix: Water
Associated Lab Samples: 92499412004, 92499412011, 92499412033, 92499412040, 92499412041

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	10/09/20 23:01	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	10/09/20 23:01	
Benzene	ug/L	ND	5.0	1.7	10/09/20 23:01	
Diisopropyl ether	ug/L	ND	5.0	3.5	10/09/20 23:01	
Ethanol	ug/L	ND	200	144	10/09/20 23:01	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	10/09/20 23:01	
Ethylbenzene	ug/L	ND	5.0	1.8	10/09/20 23:01	
m&p-Xylene	ug/L	ND	10.0	4.1	10/09/20 23:01	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	10/09/20 23:01	
Naphthalene	ug/L	ND	5.0	2.1	10/09/20 23:01	v2
o-Xylene	ug/L	ND	5.0	2.0	10/09/20 23:01	
tert-Amyl Alcohol	ug/L	ND	100	65.6	10/09/20 23:01	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	10/09/20 23:01	
tert-Butyl Alcohol	ug/L	ND	100	91.0	10/09/20 23:01	
tert-Butyl Formate	ug/L	ND	50.0	24.1	10/09/20 23:01	
Toluene	ug/L	ND	5.0	2.0	10/09/20 23:01	
Xylene (Total)	ug/L	ND	5.0	5.0	10/09/20 23:01	
1,2-Dichloroethane-d4 (S)	%	111	70-130		10/09/20 23:01	
4-Bromofluorobenzene (S)	%	100	70-130		10/09/20 23:01	
Toluene-d8 (S)	%	102	70-130		10/09/20 23:01	

LABORATORY CONTROL SAMPLE: 3030259

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	45.5	91	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1130	113	70-130	
Benzene	ug/L	50	45.5	91	70-130	
Diisopropyl ether	ug/L	50	45.3	91	70-130	
Ethanol	ug/L	2000	1920	96	70-130	
Ethyl-tert-butyl ether	ug/L	100	93.7	94	70-130	
Ethylbenzene	ug/L	50	40.4	81	70-130	
m&p-Xylene	ug/L	100	81.5	82	70-130	
Methyl-tert-butyl ether	ug/L	50	46.8	94	70-130	
Naphthalene	ug/L	50	39.9	80	70-130	v3
o-Xylene	ug/L	50	41.0	82	70-130	
tert-Amyl Alcohol	ug/L	1000	974	97	70-130	
tert-Amylmethyl ether	ug/L	100	89.3	89	70-130	
tert-Butyl Alcohol	ug/L	500	520	104	70-130	
tert-Butyl Formate	ug/L	400	376	94	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

LABORATORY CONTROL SAMPLE: 3030259

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	42.0	84	70-130	
Xylene (Total)	ug/L	150	122	82	70-130	
1,2-Dichloroethane-d4 (S)	%			112	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3030260 3030261

Parameter	Units	92499412004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	1000	1000	896	922	90	92	70-137	3	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	20000	20000	20800	22100	104	111	39-157	6	30	
Benzene	ug/L	343	1000	1000	1230	1260	88	92	70-151	3	30	
Diisopropyl ether	ug/L	ND	1000	1000	833	859	83	86	63-144	3	30	
Ethanol	ug/L	ND	40000	40000	37500	37900	94	95	39-176	1	30	
Ethyl-tert-butyl ether	ug/L	ND	2000	2000	1710	1760	86	88	66-137	3	30	
Ethylbenzene	ug/L	765	1000	1000	1520	1560	76	80	66-153	2	30	
m&p-Xylene	ug/L	3380	2000	2000	4820	4890	72	75	69-152	1	30	
Methyl-tert-butyl ether	ug/L	ND	1000	1000	860	894	86	89	54-156	4	30	
Naphthalene	ug/L	109J	1000	1000	919	885	81	78	61-148	4	30	v3
o-Xylene	ug/L	1540	1000	1000	2250	2330	71	78	70-148	3	30	
tert-Amyl Alcohol	ug/L	ND	20000	20000	17300	17600	86	88	54-153	2	30	
tert-Amylmethyl ether	ug/L	ND	2000	2000	1640	1690	82	84	69-139	3	30	
tert-Butyl Alcohol	ug/L	ND	10000	10000	9830	9830	98	98	43-188	0	30	
tert-Butyl Formate	ug/L	ND	8000	8000	5640	5840	70	73	10-170	4	30	
Toluene	ug/L	7150	1000	1000	7250	7320	10	18	59-148	1	30	M1
Xylene (Total)	ug/L	4930	3000	3000	7070	7220	72	76	63-158	2	30	
1,2-Dichloroethane-d4 (S)	%						109	110	70-130			
4-Bromofluorobenzene (S)	%						100	100	70-130			
Toluene-d8 (S)	%						99	99	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572153
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499412008, 92499412030, 92499412036, 92499412045, 92499412046

METHOD BLANK: 3030269 Matrix: Water
Associated Lab Samples: 92499412008, 92499412030, 92499412036, 92499412045, 92499412046

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	10/09/20 12:06	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	10/09/20 12:06	
Benzene	ug/L	ND	5.0	1.7	10/09/20 12:06	
Diisopropyl ether	ug/L	ND	5.0	3.5	10/09/20 12:06	
Ethanol	ug/L	ND	200	144	10/09/20 12:06	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	10/09/20 12:06	
Ethylbenzene	ug/L	ND	5.0	1.8	10/09/20 12:06	
m&p-Xylene	ug/L	ND	10.0	4.1	10/09/20 12:06	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	10/09/20 12:06	
Naphthalene	ug/L	ND	5.0	2.1	10/09/20 12:06	
o-Xylene	ug/L	ND	5.0	2.0	10/09/20 12:06	
tert-Amyl Alcohol	ug/L	ND	100	65.6	10/09/20 12:06	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	10/09/20 12:06	
tert-Butyl Alcohol	ug/L	ND	100	91.0	10/09/20 12:06	
tert-Butyl Formate	ug/L	ND	50.0	24.1	10/09/20 12:06	
Toluene	ug/L	ND	5.0	2.0	10/09/20 12:06	
Xylene (Total)	ug/L	ND	5.0	5.0	10/09/20 12:06	
1,2-Dichloroethane-d4 (S)	%	98	70-130		10/09/20 12:06	
4-Bromofluorobenzene (S)	%	97	70-130		10/09/20 12:06	
Toluene-d8 (S)	%	94	70-130		10/09/20 12:06	

LABORATORY CONTROL SAMPLE: 3030270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	47.1	94	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1230	123	70-130	
Benzene	ug/L	50	49.6	99	70-130	
Diisopropyl ether	ug/L	50	44.2	88	70-130	
Ethanol	ug/L	2000	1860	93	70-130	
Ethyl-tert-butyl ether	ug/L	100	96.9	97	70-130	
Ethylbenzene	ug/L	50	50.5	101	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	46.8	94	70-130	
Naphthalene	ug/L	50	56.0	112	70-130	
o-Xylene	ug/L	50	50.3	101	70-130	
tert-Amyl Alcohol	ug/L	1000	1120	112	70-130	
tert-Amylmethyl ether	ug/L	100	104	104	70-130	
tert-Butyl Alcohol	ug/L	500	495	99	70-130	
tert-Butyl Formate	ug/L	400	411	103	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

LABORATORY CONTROL SAMPLE: 3030270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	50.0	100	70-130	
Xylene (Total)	ug/L	150	150	100	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3030271 3030272

Parameter	Units	92499412008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	4000	4000	4230	4100	106	102	70-137	3	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	80000	80000	87000	85900	109	107	39-157	1	30	
Benzene	ug/L	5200	4000	4000	9290	9400	102	105	70-151	1	30	
Diisopropyl ether	ug/L	ND	4000	4000	3830	3720	96	93	63-144	3	30	
Ethanol	ug/L	ND	160000	160000	144000	144000	90	90	39-176	0	30	
Ethyl-tert-butyl ether	ug/L	ND	8000	8000	8340	8060	104	101	66-137	3	30	
Ethylbenzene	ug/L	1690	4000	4000	6100	5990	110	108	66-153	2	30	
m&p-Xylene	ug/L	10100	8000	8000	18700	18600	108	107	69-152	0	30	
Methyl-tert-butyl ether	ug/L	ND	4000	4000	4430	4260	102	98	54-156	4	30	
Naphthalene	ug/L	631J	4000	4000	5090	4910	112	107	61-148	4	30	
o-Xylene	ug/L	5850	4000	4000	10100	10000	105	104	70-148	0	30	
tert-Amyl Alcohol	ug/L	ND	80000	80000	84200	83800	101	100	54-153	0	30	
tert-Amylmethyl ether	ug/L	ND	8000	8000	8460	8380	106	105	69-139	1	30	
tert-Butyl Alcohol	ug/L	ND	40000	40000	38800	38200	97	96	43-188	1	30	
tert-Butyl Formate	ug/L	ND	32000	32000	33800	32700	106	102	10-170	3	30	
Toluene	ug/L	21900	4000	4000	26300	26500	109	115	59-148	1	30	
Xylene (Total)	ug/L	15900	12000	12000	28800	28700	107	106	63-158	0	30	
1,2-Dichloroethane-d4 (S)	%						98	100	70-130			
4-Bromofluorobenzene (S)	%						97	101	70-130			
Toluene-d8 (S)	%						96	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572240
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499412005, 92499412006, 92499412018, 92499412031, 92499412032, 92499412042, 92499412047

METHOD BLANK: 3030906 Matrix: Water
Associated Lab Samples: 92499412005, 92499412006, 92499412018, 92499412031, 92499412032, 92499412042, 92499412047

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	10/09/20 17:33	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	10/09/20 17:33	
Benzene	ug/L	ND	5.0	1.7	10/09/20 17:33	
Diisopropyl ether	ug/L	ND	5.0	3.5	10/09/20 17:33	
Ethanol	ug/L	ND	200	144	10/09/20 17:33	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	10/09/20 17:33	
Ethylbenzene	ug/L	ND	5.0	1.8	10/09/20 17:33	
m&p-Xylene	ug/L	ND	10.0	4.1	10/09/20 17:33	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	10/09/20 17:33	
Naphthalene	ug/L	ND	5.0	2.1	10/09/20 17:33	
o-Xylene	ug/L	ND	5.0	2.0	10/09/20 17:33	
tert-Amyl Alcohol	ug/L	ND	100	65.6	10/09/20 17:33	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	10/09/20 17:33	
tert-Butyl Alcohol	ug/L	ND	100	91.0	10/09/20 17:33	
tert-Butyl Formate	ug/L	ND	50.0	24.1	10/09/20 17:33	
Toluene	ug/L	ND	5.0	2.0	10/09/20 17:33	
Xylene (Total)	ug/L	ND	5.0	5.0	10/09/20 17:33	
1,2-Dichloroethane-d4 (S)	%	107	70-130		10/09/20 17:33	
4-Bromofluorobenzene (S)	%	104	70-130		10/09/20 17:33	
Toluene-d8 (S)	%	98	70-130		10/09/20 17:33	

LABORATORY CONTROL SAMPLE: 3030907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	49.8	100	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	939	94	70-130	
Benzene	ug/L	50	48.9	98	70-130	
Diisopropyl ether	ug/L	50	44.8	90	70-130	
Ethanol	ug/L	2000	1950	97	70-130	
Ethyl-tert-butyl ether	ug/L	100	97.9	98	70-130	
Ethylbenzene	ug/L	50	48.7	97	70-130	
m&p-Xylene	ug/L	100	95.8	96	70-130	
Methyl-tert-butyl ether	ug/L	50	45.7	91	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	47.9	96	70-130	
tert-Amyl Alcohol	ug/L	1000	964	96	70-130	
tert-Amylmethyl ether	ug/L	100	97.9	98	70-130	
tert-Butyl Alcohol	ug/L	500	453	91	70-130	
tert-Butyl Formate	ug/L	400	407	102	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

LABORATORY CONTROL SAMPLE: 3030907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.5	97	70-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			105	70-130	
4-Bromofluorobenzene (S)	%			97	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3030908 3030909

Parameter	Units	92499412032 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	22.6	21.8	113	109	70-137	4	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	373	371	93	93	39-157	0	30	
Benzene	ug/L	ND	20	20	21.3	21.7	107	108	70-151	2	30	
Diisopropyl ether	ug/L	ND	20	20	18.8	18.6	94	93	63-144	1	30	
Ethanol	ug/L	ND	800	800	725	763	91	95	39-176	5	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	41.1	40.6	103	102	66-137	1	30	
Ethylbenzene	ug/L	ND	20	20	21.9	21.3	110	107	66-153	3	30	
m&p-Xylene	ug/L	ND	40	40	45.3	43.9	110	107	69-152	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.7	19.5	99	98	54-156	1	30	
Naphthalene	ug/L	ND	20	20	19.8	19.1	99	95	61-148	4	30	
o-Xylene	ug/L	ND	20	20	21.9	21.0	108	103	70-148	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	366	379	92	95	54-153	3	30	
tert-Amylmethyl ether	ug/L	ND	40	40	41.1	42.1	103	105	69-139	3	30	
tert-Butyl Alcohol	ug/L	ND	200	200	236	238	118	119	43-188	1	30	
tert-Butyl Formate	ug/L	ND	160	160	65.4	62.1	41	39	10-170	5	30	
Toluene	ug/L	ND	20	20	21.5	21.5	106	106	59-148	0	30	
Xylene (Total)	ug/L	ND	60	60	67.2	64.9	112	108	63-158	3	30	
1,2-Dichloroethane-d4 (S)	%						105	106	70-130			
4-Bromofluorobenzene (S)	%						102	97	70-130			
Toluene-d8 (S)	%						97	99	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572246
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499412020, 92499412044, 92499412048, 92499412049

METHOD BLANK: 3030913 Matrix: Water
Associated Lab Samples: 92499412020, 92499412044, 92499412048, 92499412049

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	10/09/20 17:52	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	10/09/20 17:52	
Benzene	ug/L	ND	5.0	1.7	10/09/20 17:52	
Diisopropyl ether	ug/L	ND	5.0	3.5	10/09/20 17:52	
Ethanol	ug/L	ND	200	144	10/09/20 17:52	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	10/09/20 17:52	
Ethylbenzene	ug/L	ND	5.0	1.8	10/09/20 17:52	
m&p-Xylene	ug/L	ND	10.0	4.1	10/09/20 17:52	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	10/09/20 17:52	
Naphthalene	ug/L	ND	5.0	2.1	10/09/20 17:52	
o-Xylene	ug/L	ND	5.0	2.0	10/09/20 17:52	
tert-Amyl Alcohol	ug/L	ND	100	65.6	10/09/20 17:52	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	10/09/20 17:52	
tert-Butyl Alcohol	ug/L	ND	100	91.0	10/09/20 17:52	
tert-Butyl Formate	ug/L	ND	50.0	24.1	10/09/20 17:52	
Toluene	ug/L	ND	5.0	2.0	10/09/20 17:52	
Xylene (Total)	ug/L	ND	5.0	5.0	10/09/20 17:52	
1,2-Dichloroethane-d4 (S)	%	105	70-130		10/09/20 17:52	
4-Bromofluorobenzene (S)	%	102	70-130		10/09/20 17:52	
Toluene-d8 (S)	%	97	70-130		10/09/20 17:52	

LABORATORY CONTROL SAMPLE: 3030914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	49.8	100	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	900	90	70-130	
Benzene	ug/L	50	48.9	98	70-130	
Diisopropyl ether	ug/L	50	43.9	88	70-130	
Ethanol	ug/L	2000	1720	86	70-130	
Ethyl-tert-butyl ether	ug/L	100	98.1	98	70-130	
Ethylbenzene	ug/L	50	50.2	100	70-130	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	46.6	93	70-130	
Naphthalene	ug/L	50	49.1	98	70-130	
o-Xylene	ug/L	50	49.9	100	70-130	
tert-Amyl Alcohol	ug/L	1000	962	96	70-130	
tert-Amylmethyl ether	ug/L	100	100	100	70-130	
tert-Butyl Alcohol	ug/L	500	429	86	70-130	
tert-Butyl Formate	ug/L	400	400	100	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

LABORATORY CONTROL SAMPLE: 3030914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	48.4	97	70-130	
Xylene (Total)	ug/L	150	150	100	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3030915 3030916

Parameter	Units	92499305001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	200	200	214	210	104	102	70-137	2	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	4000	4000	4000	4100	100	102	39-157	2	30	
Benzene	ug/L	56.9	200	200	262	267	102	105	70-151	2	30	
Diisopropyl ether	ug/L	ND	200	200	179	182	90	91	63-144	1	30	
Ethanol	ug/L	ND	8000	8000	7750	8140	97	102	39-176	5	30	
Ethyl-tert-butyl ether	ug/L	ND	400	400	399	395	100	99	66-137	1	30	
Ethylbenzene	ug/L	1430	200	200	1580	1620	76	98	66-153	3	30	
m&p-Xylene	ug/L	693	400	400	1090	1110	99	103	69-152	2	30	
Methyl-tert-butyl ether	ug/L	ND	200	200	193	190	97	95	54-156	2	30	
Naphthalene	ug/L	116	200	200	318	328	101	106	61-148	3	30	
o-Xylene	ug/L	ND	200	200	222	221	111	110	70-148	1	30	
tert-Amyl Alcohol	ug/L	ND	4000	4000	4180	4230	105	106	54-153	1	30	
tert-Amylmethyl ether	ug/L	ND	400	400	423	429	106	107	69-139	2	30	
tert-Butyl Alcohol	ug/L	ND	2000	2000	2040	2050	102	102	43-188	0	30	
tert-Butyl Formate	ug/L	ND	1600	1600	1470	1470	92	92	10-170	0	30	
Toluene	ug/L	ND	200	200	216	220	105	107	59-148	2	30	
Xylene (Total)	ug/L	693	600	600	1310	1330	103	106	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						103	100	70-130			
4-Bromofluorobenzene (S)	%						102	105	70-130			
Toluene-d8 (S)	%						97	102	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572569
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92499412001

METHOD BLANK: 3032448 Matrix: Water
Associated Lab Samples: 92499412001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	10/12/20 12:18	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	10/12/20 12:18	
Benzene	ug/L	ND	5.0	1.7	10/12/20 12:18	
Diisopropyl ether	ug/L	ND	5.0	3.5	10/12/20 12:18	
Ethanol	ug/L	ND	200	144	10/12/20 12:18	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	10/12/20 12:18	
Ethylbenzene	ug/L	ND	5.0	1.8	10/12/20 12:18	
m&p-Xylene	ug/L	ND	10.0	4.1	10/12/20 12:18	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	10/12/20 12:18	
Naphthalene	ug/L	ND	5.0	2.1	10/12/20 12:18	
o-Xylene	ug/L	ND	5.0	2.0	10/12/20 12:18	
tert-Amyl Alcohol	ug/L	ND	100	65.6	10/12/20 12:18	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	10/12/20 12:18	
tert-Butyl Alcohol	ug/L	ND	100	91.0	10/12/20 12:18	
tert-Butyl Formate	ug/L	ND	50.0	24.1	10/12/20 12:18	
Toluene	ug/L	ND	5.0	2.0	10/12/20 12:18	
Xylene (Total)	ug/L	ND	5.0	5.0	10/12/20 12:18	
1,2-Dichloroethane-d4 (S)	%	97	70-130		10/12/20 12:18	
4-Bromofluorobenzene (S)	%	100	70-130		10/12/20 12:18	
Toluene-d8 (S)	%	101	70-130		10/12/20 12:18	

LABORATORY CONTROL SAMPLE: 3032449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	49.9	100	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1090	109	70-130	
Benzene	ug/L	50	50.5	101	70-130	
Diisopropyl ether	ug/L	50	44.3	89	70-130	
Ethanol	ug/L	2000	1810	91	70-130	
Ethyl-tert-butyl ether	ug/L	100	99.7	100	70-130	
Ethylbenzene	ug/L	50	50.3	101	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	48.8	98	70-130	
Naphthalene	ug/L	50	50.2	100	70-130	
o-Xylene	ug/L	50	51.2	102	70-130	
tert-Amyl Alcohol	ug/L	1000	1010	101	70-130	
tert-Amylmethyl ether	ug/L	100	102	102	70-130	
tert-Butyl Alcohol	ug/L	500	501	100	70-130	
tert-Butyl Formate	ug/L	400	421	105	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

LABORATORY CONTROL SAMPLE: 3032449

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	50.4	101	70-130	
Xylene (Total)	ug/L	150	153	102	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3032450 3032451

Parameter	Units	92499644037 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	5000	5000	5120	5290	102	106	70-137	3	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	100000	100000	95200	104000	95	104	39-157	9	30	
Benzene	ug/L	12800	5000	5000	17800	18200	100	108	70-151	2	30	
Diisopropyl ether	ug/L	ND	5000	5000	4530	4740	89	93	63-144	5	30	
Ethanol	ug/L	ND	200000	200000	174000	181000	87	90	39-176	4	30	
Ethyl-tert-butyl ether	ug/L	ND	10000	10000	9870	10200	99	102	66-137	3	30	
Ethylbenzene	ug/L	2160	5000	5000	7350	7730	104	111	66-153	5	30	
m&p-Xylene	ug/L	8280	10000	10000	18700	19400	104	111	69-152	3	30	
Methyl-tert-butyl ether	ug/L	ND	5000	5000	4930	5070	99	101	54-156	3	30	
Naphthalene	ug/L	920J	5000	5000	5770	6030	97	102	61-148	4	30	
o-Xylene	ug/L	3940	5000	5000	9330	9680	108	115	70-148	4	30	
tert-Amyl Alcohol	ug/L	ND	100000	100000	97400	104000	94	100	54-153	7	30	
tert-Amylmethyl ether	ug/L	ND	10000	10000	10100	10700	101	107	69-139	5	30	
tert-Butyl Alcohol	ug/L	ND	50000	50000	47200	48800	94	98	43-188	3	30	
tert-Butyl Formate	ug/L	ND	40000	40000	39900	41600	100	104	10-170	4	30	
Toluene	ug/L	30100	5000	5000	34400	35000	87	98	59-148	2	30	
Xylene (Total)	ug/L	12200	15000	15000	28000	29000	105	112	63-158	4	30	
1,2-Dichloroethane-d4 (S)	%						100	100	70-130			
4-Bromofluorobenzene (S)	%						99	100	70-130			
Toluene-d8 (S)	%						98	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572452
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499412001, 92499412002, 92499412003, 92499412004, 92499412005, 92499412006, 92499412007

METHOD BLANK: 3031724 Matrix: Water
Associated Lab Samples: 92499412001, 92499412002, 92499412003, 92499412004, 92499412005, 92499412006, 92499412007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	10/12/20 14:38	
1-Chloro-2-bromopropane (S)	%	92	60-140		10/12/20 14:38	

LABORATORY CONTROL SAMPLE & LCSD: 3031725 3031726

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.24	0.25	0.25	103	100	60-140	3	20	
1-Chloro-2-bromopropane (S)	%				101	98	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3031728 3031729

Parameter	Units	92499374014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.25	0.25	0.24	0.24	96	97	60-140	1	20	
1-Chloro-2-bromopropane (S)	%						95	95	60-140			

SAMPLE DUPLICATE: 3031727

Parameter	Units	92499374013 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	99	98			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572454
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92499412008, 92499412009, 92499412010, 92499412011, 92499412012, 92499412013, 92499412014, 92499412015, 92499412016, 92499412017, 92499412018, 92499412019, 92499412020, 92499412021, 92499412022, 92499412023, 92499412024, 92499412025, 92499412026, 92499412027

METHOD BLANK: 3031730 Matrix: Water

Associated Lab Samples: 92499412008, 92499412009, 92499412010, 92499412011, 92499412012, 92499412013, 92499412014, 92499412015, 92499412016, 92499412017, 92499412018, 92499412019, 92499412020, 92499412021, 92499412022, 92499412023, 92499412024, 92499412025, 92499412026, 92499412027

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	10/12/20 21:35	
1-Chloro-2-bromopropane (S)	%	92	60-140		10/12/20 21:35	

LABORATORY CONTROL SAMPLE & LCSD: 3031731 3031732

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.25	0.25	101	102	60-140	0	20	
1-Chloro-2-bromopropane (S)	%				99	100	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3031734 3031735

Parameter	Units	92499412009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	4.0	0.26	0.26	3.8	3.8	-63	-74	60-140	1	20	M1
1-Chloro-2-bromopropane (S)	%						106	104	60-140			

SAMPLE DUPLICATE: 3031733

Parameter	Units	92499412008 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	40.5	37.2	9	20	
1-Chloro-2-bromopropane (S)	%	0	0			S4

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572455
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92499412028, 92499412029, 92499412030, 92499412031, 92499412032, 92499412033, 92499412034, 92499412035, 92499412036, 92499412037, 92499412038, 92499412039, 92499412040, 92499412041, 92499412042, 92499412043, 92499412044, 92499412045, 92499412046, 92499412047

METHOD BLANK: 3031736 Matrix: Water

Associated Lab Samples: 92499412028, 92499412029, 92499412030, 92499412031, 92499412032, 92499412033, 92499412034, 92499412035, 92499412036, 92499412037, 92499412038, 92499412039, 92499412040, 92499412041, 92499412042, 92499412043, 92499412044, 92499412045, 92499412046, 92499412047

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	10/13/20 04:33	
1-Chloro-2-bromopropane (S)	%	108	60-140		10/13/20 04:33	

LABORATORY CONTROL SAMPLE & LCSD: 3031737 3031738

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.25	0.25	103	102	60-140	1	20	
1-Chloro-2-bromopropane (S)	%				102	101	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3031740 3031741

Parameter	Units	92499412031 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	0.16	0.25	0.25	0.34	0.34	74	71	60-140	2	20	
1-Chloro-2-bromopropane (S)	%						96	94	60-140			

SAMPLE DUPLICATE: 3031739

Parameter	Units	92499412030 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	672	644	4	20	
1-Chloro-2-bromopropane (S)	%	0	0			S4

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

QC Batch: 572456
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499412048, 92499412049, 92499412050

METHOD BLANK: 3031742 Matrix: Water
Associated Lab Samples: 92499412048, 92499412049, 92499412050

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	10/12/20 17:37	
1-Chloro-2-bromopropane (S)	%	97	60-140		10/12/20 17:37	

LABORATORY CONTROL SAMPLE & LCSD: 3031743 3031744

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.25	0.24	103	99	60-140	4	20	
1-Chloro-2-bromopropane (S)	%				99	97	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3031746 3031747

Parameter	Units	92499644002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.25	0.25	0.22	0.22	87	88	60-140	2	20	
1-Chloro-2-bromopropane (S)	%						93	93	60-140			

SAMPLE DUPLICATE: 3031745

Parameter	Units	92499644001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	278	241	14	20	
1-Chloro-2-bromopropane (S)	%	0	0			S4

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

C8	Result may be biased high due to carryover from previously analyzed sample.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
P5	The EPA or method required sample preservation degrades this compound, therefore acceptable recoveries may not be achieved in sample matrix spikes.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92499412001	MW-1R	EPA 8011	572452	EPA 8011	572546
92499412002	MW-2	EPA 8011	572452	EPA 8011	572546
92499412003	MW-3	EPA 8011	572452	EPA 8011	572546
92499412004	MW-4R	EPA 8011	572452	EPA 8011	572546
92499412005	MW-4D	EPA 8011	572452	EPA 8011	572546
92499412006	MW-5i	EPA 8011	572452	EPA 8011	572546
92499412007	MW-6	EPA 8011	572452	EPA 8011	572546
92499412008	MW-7	EPA 8011	572454	EPA 8011	572547
92499412009	MW-8	EPA 8011	572454	EPA 8011	572547
92499412010	MW-11R	EPA 8011	572454	EPA 8011	572547
92499412011	MW-12	EPA 8011	572454	EPA 8011	572547
92499412012	MW-13	EPA 8011	572454	EPA 8011	572547
92499412013	MW-13i	EPA 8011	572454	EPA 8011	572547
92499412014	MW-13D	EPA 8011	572454	EPA 8011	572547
92499412015	MW-14	EPA 8011	572454	EPA 8011	572547
92499412016	MW-15	EPA 8011	572454	EPA 8011	572547
92499412017	MW-16	EPA 8011	572454	EPA 8011	572547
92499412018	MW-16i	EPA 8011	572454	EPA 8011	572547
92499412019	MW-16D	EPA 8011	572454	EPA 8011	572547
92499412020	MW-17R	EPA 8011	572454	EPA 8011	572547
92499412021	MW-18	EPA 8011	572454	EPA 8011	572547
92499412022	MW-19	EPA 8011	572454	EPA 8011	572547
92499412023	MW-20	EPA 8011	572454	EPA 8011	572547
92499412024	MW-22	EPA 8011	572454	EPA 8011	572547
92499412025	MW-23	EPA 8011	572454	EPA 8011	572547
92499412026	MW-25	EPA 8011	572454	EPA 8011	572547
92499412027	MW-26	EPA 8011	572454	EPA 8011	572547
92499412028	MW-27	EPA 8011	572455	EPA 8011	572548
92499412029	MW-28	EPA 8011	572455	EPA 8011	572548
92499412030	MW-29	EPA 8011	572455	EPA 8011	572548
92499412031	MW-29i	EPA 8011	572455	EPA 8011	572548
92499412032	MW-29D	EPA 8011	572455	EPA 8011	572548
92499412033	MW-30	EPA 8011	572455	EPA 8011	572548
92499412034	MW-31	EPA 8011	572455	EPA 8011	572548
92499412035	MW-32	EPA 8011	572455	EPA 8011	572548
92499412036	MW-33	EPA 8011	572455	EPA 8011	572548
92499412037	MW-34	EPA 8011	572455	EPA 8011	572548
92499412038	MW-35	EPA 8011	572455	EPA 8011	572548
92499412039	TFR-1	EPA 8011	572455	EPA 8011	572548
92499412040	TFR-2	EPA 8011	572455	EPA 8011	572548
92499412041	TFR-3	EPA 8011	572455	EPA 8011	572548
92499412042	TFR-4	EPA 8011	572455	EPA 8011	572548
92499412043	TFR-6	EPA 8011	572455	EPA 8011	572548
92499412044	TFR-9	EPA 8011	572455	EPA 8011	572548
92499412045	TFR-10	EPA 8011	572455	EPA 8011	572548
92499412046	TFR-11	EPA 8011	572455	EPA 8011	572548
92499412047	DUP-1	EPA 8011	572455	EPA 8011	572548

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92499412048	DUP-2	EPA 8011	572456	EPA 8011	572549
92499412049	DUP-3	EPA 8011	572456	EPA 8011	572549
92499412050	Field Blank	EPA 8011	572456	EPA 8011	572549
92499412001	MW-1R	EPA 8260D	572569		
92499412002	MW-2	EPA 8260D	571892		
92499412003	MW-3	EPA 8260D	571892		
92499412004	MW-4R	EPA 8260D	572151		
92499412005	MW-4D	EPA 8260D	572240		
92499412006	MW-5i	EPA 8260D	572240		
92499412007	MW-6	EPA 8260D	571929		
92499412008	MW-7	EPA 8260D	572153		
92499412009	MW-8	EPA 8260D	571918		
92499412010	MW-11R	EPA 8260D	571929		
92499412011	MW-12	EPA 8260D	572151		
92499412012	MW-13	EPA 8260D	571929		
92499412013	MW-13i	EPA 8260D	571929		
92499412014	MW-13D	EPA 8260D	571929		
92499412015	MW-14	EPA 8260D	571929		
92499412016	MW-15	EPA 8260D	571929		
92499412017	MW-16	EPA 8260D	571929		
92499412018	MW-16i	EPA 8260D	572240		
92499412019	MW-16D	EPA 8260D	571918		
92499412020	MW-17R	EPA 8260D	572246		
92499412021	MW-18	EPA 8260D	571929		
92499412022	MW-19	EPA 8260D	571918		
92499412023	MW-20	EPA 8260D	571918		
92499412024	MW-22	EPA 8260D	571929		
92499412025	MW-23	EPA 8260D	571929		
92499412026	MW-25	EPA 8260D	571929		
92499412027	MW-26	EPA 8260D	571929		
92499412028	MW-27	EPA 8260D	571929		
92499412029	MW-28	EPA 8260D	571929		
92499412030	MW-29	EPA 8260D	572153		
92499412031	MW-29i	EPA 8260D	572240		
92499412032	MW-29D	EPA 8260D	572240		
92499412033	MW-30	EPA 8260D	572151		
92499412034	MW-31	EPA 8260D	572149		
92499412035	MW-32	EPA 8260D	571918		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499412

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92499412036	MW-33	EPA 8260D	572153		
92499412037	MW-34	EPA 8260D	571918		
92499412038	MW-35	EPA 8260D	571918		
92499412039	TFR-1	EPA 8260D	571918		
92499412040	TFR-2	EPA 8260D	572151		
92499412041	TFR-3	EPA 8260D	572151		
92499412042	TFR-4	EPA 8260D	572240		
92499412043	TFR-6	EPA 8260D	571918		
92499412044	TFR-9	EPA 8260D	572246		
92499412045	TFR-10	EPA 8260D	572153		
92499412046	TFR-11	EPA 8260D	572153		
92499412047	DUP-1	EPA 8260D	572240		
92499412048	DUP-2	EPA 8260D	572246		
92499412049	DUP-3	EPA 8260D	572246		
92499412050	Field Blank	EPA 8260D	571929		
92499412051	Trip Blank 1	EPA 8260D	571929		
92499412052	Trip Blank 2	EPA 8260D	571929		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB US **WO# : 92499412**

92499412

umber or

Company: MECI	Billing Information: MECI
Address: 251 Dooley Rd, Lex, SC 29072	
Report To: B. Shane	Email To: JLC@mecinet
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: HQ Heath Self Serve #2	State: SC / County/City: Sumter / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: / Email:	Site/Facility ID #: 20-7412 / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

Containe: 3 3 — Lab Project Number: A. Baioni

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: * BTEXNM, DCA, Oxys 8260B	Analyses: EDB 8011	Lab Sample # / Comments
MW-1R	GW	G						6	X	X	92699412
MW-2	GW	G			10/6	14:55		6			Odor Sheen 001
MW-3						14:57					Odor Sheen 002
MW-4R						14:10					No Odor 003
MW-4D						14:40					Odor 004
MW-5						14:30					No Odor 005
MW-6						14:45					No Odor 006
MW-7						12:40					No Odor 007
MW-8						12:30					Organic Odor 008
MW-9											Slight Odor 009
MW-10	GW	G			10/6			6	X	X	No Sample
											No Sample

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bag

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2514250

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	10-7-20/	Josh Mallas	10/7/20 0840
Josh Mallas	10/7/20 1550		10/7/20 15:50

MTJL LAB USE ONLY

Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y (N)	NA
Custody Signatures Present	Y	N NA
Collector Signature Present	Y	N NA
Bottles Intact	Y	N NA
Correct Bottles	Y	N NA
Sufficient Volume	Y	N NA
Samples Received on Ice	Y	N NA
VOA - Headspace Acceptable	Y	N NA
USDA Regulated Soils	Y N	(NA)
Samples in Holding Time	Δ	N NA
Residual Chlorine Present	Y N	(NA)
Cl Strips:		
Sample pH Acceptable	Y N	(NA)
pH Strips:		
Sulfide Present	Y N	(NA)
Lead Acetate Strips:		

Lab Sample Temperature Info:

Temp Blank Received: Y N NA
Therm ID#: 92706
Cooler 1 Temp Upon Receipt: 0.5 oC
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 0.5 oC
Comments:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: MECI	Billing Information: MECI
Address: 251 Dooley Rd, Lexington, SC 29073	
Report To: B Shane	Email To: jlc@meci.net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: HQ Heath Self Serve #2	State: SC / County/City: Sumter / Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: / Email:	Site/Facility ID #: 70-7412 / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

Container Preservative Type **: 5 | 3

Lab Project Manager: A-Bonomi

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEX+MN, DCA, DIPE, TAME, TBA, ETOH 8260B	Analyses: EDB 8011	Lab Sample # / Comments
											92499492
MW-11R	GW	G			10/6	13:30		6	X	X	No Odor 010
MW-12						14:10					Odor 011
MW-13						15:14					No Odor 012
MW-13i						13:56					No Odor 013
MW-13D						15:55					No Odor 014
MW-14						10:55					No Odor 015
MW-15						11:07					No Odor 016
MW-16						13:40					No Odor 017
MW-16i						14:00					No Odor 018
MW-16D	GW	G			10/6	14:10		6	X	X	No Odor 019

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: ____			
Sample pH Acceptable	Y	N	(NA)
pH Strips: ____			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: ____			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bag

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2514251

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:

Temp Blank Received: Y N (NA)

Therm ID#: T2 T061

Cooler 1 Temp Upon Receipt: 0.5 oC

Cooler 1 Therm Corr. Factor: 0.0 oC

Cooler 1 Corrected Temp: 0.5 oC

Comments:

Trip Blank Received: (Y) N NA

(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	10-7-20/	Josh Mallas	10/7/20 0840
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Josh Mallas	10/7/20 1550	Pacetlvl	10/7/20 15:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: MECI	Billing Information: MECI
Address: 251 Dodgy Rd, Lexington, SC 29073	
Report To: B. Shane	Email To: JLee@meci.net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: HQ Heath Self Serve #2	State: SC / County/City: Sumter / Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: / Email:	Site/Facility ID #: 20-7412 / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: ____ [ ] Hold: ____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis: ____

Container Preservative Type **: 3 | 3

Lab Project Manager: A. Baioni

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEXNM, DCA, Oxys 624.1	Analyses: EDB 8011	Lab Profile/Line:
MW-17R	GW	G			10/6	11:15		6	X	X	924994412
MW-18						11:09					Slight Odor 020
MW-19						10:54					No Odor 021
MW-20						10:22					Slight Odor 022
MW-21											Slight Odor 023
MW-22						9:49					No Sample
MW-23						9:45					No Odor 024
MW-24											No Odor 025
MW-25	V	V				10:50					No Sample
MW-26	GW	G			10/6	10:32		6	X	X	No Odor 026
											No Odor 027

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	(Y)	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Sample pH Acceptable	Y	N	(NA)
Sulfide Present	Y	N	(NA)

Cl Strips: ____ pH Strips: ____ Lead Acetate Strips: ____

LAB USE ONLY: Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bag

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2514249

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92roll
Cooler 1 Temp Upon Receipt: 0.5 oC
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 0.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time: 10-7-20	Received by/Company: (Signature) Josh Mallas	Date/Time: 10/7/20 0840
Relinquished by/Company: (Signature) Josh Mallas	Date/Time: 10/7/20 1550	Received by/Company: (Signature) Pace Hub	Date/Time: 10/7/20 15:50
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Yes) N NA
(HCl) MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: MECI	Billing Information: MECI
Address: 251 Dooley Rd, Lex, SC 29073	
Report To: B. Shank	Email To: TLL@meci.net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: H2 Heath Self Serve #2	State: SC / County/City: Sumter / Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET
Phone: / Email:	Site/Facility ID #: 20-7412 / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

Container Preservative Type **: 3 3

Lab Project Manager: A. Baroni

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEXMN, DCA, DIPE 8260B	Analyses: EDB 8011	Lab Profile/Line:
MW-27	GW	G			10/6	10:01		6	X	X	92499412
MW-28						10:15					No Odor 028
MW-29						11:50					No Odor 029
MW-29I						12:09					Odor 030
MW-29D						11:49					Slight Odor 031
MW-30						11:37					No Odor 032
MW-31						11:26					Odor 033
MW-32						11:24					No Odor 034
MW-33						11:37					Slight Odor 035
MW-34	GW	G			10/6	12:57		6	X	X	Odor 036
											Slight Odor 037

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips:			
Sample pH Acceptable	Y	N	(NA)
pH Strips:			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips:			

LAB USE ONLY: Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bag

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2514248

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92706
Cooler 1 Temp Upon Receipt: 0.3 oC
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 0.3 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	10-7-20 /	Josh Mallas	10/7/20 0840
Josh Mallas	10/7/20 1550	Pace Hol	10/7/20 15:50

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(Hel) MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: MECI	Billing Information: MECI
Address: 231 Dooky Rd, Lex, 29073	
Report To: B. Shank	Email To: jac@meci.net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: HQ Heath Self Serve #2	State: SC County/City: Sumter Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: 20-7412 Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

Container Preservative Type **: 5 3

Lab Project Manager: A. Baioni

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEXNM, DIA, Oxys 8260B	EDB 8011	Lab Sample # / Comments
MW-35	GW	G			10/6	1035		6	X	X	92499412
TFR-1						12:47					Slight Odor 038
TFR-2						14:32					Odor 039
TFR-3						13:09					Slight Odor 040
TFR-4						15:10					Odor 041
TFR-5						10:45					Odor 042
TFR-6						12:55					No Sample
TFR-7											Odor 043
TFR-8											No Sample
TFR-9	GW	G			10/6	1045		6	X	X	No Sample
											Slight Odor 044

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	(Y)	N	NA
Collector Signature Present	(Y)	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	(Y)	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips:			
Sample pH Acceptable	Y	N	(NA)
pH Strips:			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips:			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bag

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2514247

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:

Temp Blank Received: Y N (NA)

Therm ID#: 92106I

Cooler 1 Temp Upon Receipt: 0.8 oC

Cooler 1 Therm Corr. Factor: 0.0 oC

Cooler 1 Corrected Temp: 0.8 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	10-7-20/	Josh Mallas	10/7/20 0840
Josh Mallas	10/7/20 1550	PaceHul	10/7/20 15:50

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N (NA)

(HCL) MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company: MECE

Billing Information: MECE

Address: 251 Dooley Rd, Lex, SC 29073

Report To: B. Shani

Email To: JLC@mecinet

Copy To:

Site Collection Info/Address:

Customer Project Name/Number: HQ Heath Self Serve #2

State: SC County/City: Sumter Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET

Phone:
Email:

Site/Facility ID #: 20-7412

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print):

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 3 3

Lab Project Manager: A. Basoni

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: BTEXNM, DCA, OXYS 8260B; EDB 8011

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns
TFR-10	GW	G			10/6	16:19		6
TFR-11						12:04		6
TFR-12								
DUP-1						10:34		
DUP-2						1:37		
DUP-3						6:45		
Field Blank						15:35		6
Trip Blank 1						8:00		2
Trip Blank 2						8:00		2
Trip Blank 3	GW	G			10/6			2 X

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

92499412

TFR-10 Odor 045
TFR-11 Odor 046
TFR-12 No Sample
DUP-1 Slight Odor 047
DUP-2 Odor 048
DUP-3 Slight Odor 049
Field Blank FB 050
Trip Blank 1 TB 051
Trip Blank 2 TB 052
Trip Blank 3 No Sample

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: Bubble bag

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2514246

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92TOC1
Cooler 1 Temp Upon Receipt: 0.5 oC
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 0.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
	10-7-20	Josh Mallas	10/7/20 0840
Josh Mallas	10/7/20 1550	Pace Hub	10/7/20 15:50

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 12, 2020

Mr. Bryan Shane
Midlands Environmental
PO Box 854
Lexington, SC 29071

RE: Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Dear Mr. Shane:

Enclosed are the analytical results for sample(s) received by the laboratory on October 07, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Mr. Jeff Coleman, Midlands Environmental
Mr. Kyle Pudney, Midlands Environmental

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92499373001	SW-1	Water	10/06/20 09:25	10/07/20 08:40
92499373002	SW-2	Water	10/06/20 09:32	10/07/20 08:40
92499373003	SW-3	Water	10/06/20 09:24	10/07/20 08:40
92499373004	SW-4	Water	10/06/20 09:15	10/07/20 08:40
92499373005	SW-5	Water	10/06/20 09:08	10/07/20 08:40
92499373006	SW-6	Water	10/06/20 14:58	10/07/20 08:40

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92499373001	SW-1	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	NSCQ	20	PASI-C
92499373002	SW-2	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	NSCQ	20	PASI-C
92499373003	SW-3	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	NSCQ	20	PASI-C
92499373004	SW-4	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	NSCQ	20	PASI-C
92499373005	SW-5	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	NSCQ	20	PASI-C
92499373006	SW-6	EPA 8011	JMS1	2	PASI-C
		EPA 8260D	NSCQ	20	PASI-C

PASI-C = Pace Analytical Services - Charlotte

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Sample: SW-1 **Lab ID: 92499373001** Collected: 10/06/20 09:25 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/09/20 09:40	10/10/20 13:22	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	92	%	60-140		1	10/09/20 09:40	10/10/20 13:22	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 14:20	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 14:20	994-05-8	
Benzene	**0.53J**	ug/L	1.0	0.15	1		10/09/20 14:20	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 14:20	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 14:20	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 14:20	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/09/20 14:20	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 14:20	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 14:20	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/09/20 14:20	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 14:20	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/09/20 14:20	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/09/20 14:20	91-20-3	
Toluene	**0.29J**	ug/L	1.0	0.24	1		10/09/20 14:20	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/09/20 14:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/09/20 14:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/09/20 14:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/09/20 14:20	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		10/09/20 14:20	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/09/20 14:20	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Sample: SW-2 **Lab ID: 92499373002** Collected: 10/06/20 09:32 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/09/20 09:40	10/10/20 14:08	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	88	%	60-140		1	10/09/20 09:40	10/10/20 14:08	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 14:38	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 14:38	994-05-8	
Benzene	**0.40J**	ug/L	1.0	0.15	1		10/09/20 14:38	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 14:38	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 14:38	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 14:38	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/09/20 14:38	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 14:38	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 14:38	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/09/20 14:38	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 14:38	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/09/20 14:38	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/09/20 14:38	91-20-3	
Toluene	ND	ug/L	1.0	0.24	1		10/09/20 14:38	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/09/20 14:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/09/20 14:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/09/20 14:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/09/20 14:38	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/09/20 14:38	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/09/20 14:38	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Sample: SW-3 **Lab ID: 92499373003** Collected: 10/06/20 09:24 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/09/20 09:40	10/10/20 14:24	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	89	%	60-140		1	10/09/20 09:40	10/10/20 14:24	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 14:56	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 14:56	994-05-8	
Benzene	**0.37J**	ug/L	1.0	0.15	1		10/09/20 14:56	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 14:56	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 14:56	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 14:56	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/09/20 14:56	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 14:56	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 14:56	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/09/20 14:56	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 14:56	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/09/20 14:56	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/09/20 14:56	91-20-3	
Toluene	ND	ug/L	1.0	0.24	1		10/09/20 14:56	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/09/20 14:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/09/20 14:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/09/20 14:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/09/20 14:56	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		10/09/20 14:56	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/09/20 14:56	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Sample: SW-4 **Lab ID: 92499373004** Collected: 10/06/20 09:15 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/09/20 09:40	10/10/20 14:39	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	87	%	60-140		1	10/09/20 09:40	10/10/20 14:39	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 15:15	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 15:15	994-05-8	
Benzene	**0.29J**	ug/L	1.0	0.15	1		10/09/20 15:15	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 15:15	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 15:15	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 15:15	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/09/20 15:15	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 15:15	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 15:15	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/09/20 15:15	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 15:15	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/09/20 15:15	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/09/20 15:15	91-20-3	
Toluene	ND	ug/L	1.0	0.24	1		10/09/20 15:15	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/09/20 15:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/09/20 15:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/09/20 15:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		10/09/20 15:15	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		10/09/20 15:15	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		10/09/20 15:15	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Sample: SW-5 **Lab ID: 92499373005** Collected: 10/06/20 09:08 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.012	1	10/09/20 09:40	10/10/20 14:55	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	86	%	60-140		1	10/09/20 09:40	10/10/20 14:55	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 15:33	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 15:33	994-05-8	
Benzene	ND	ug/L	1.0	0.15	1		10/09/20 15:33	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 15:33	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 15:33	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 15:33	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/09/20 15:33	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 15:33	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 15:33	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/09/20 15:33	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 15:33	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/09/20 15:33	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/09/20 15:33	91-20-3	
Toluene	ND	ug/L	1.0	0.24	1		10/09/20 15:33	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/09/20 15:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/09/20 15:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/09/20 15:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/09/20 15:33	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		10/09/20 15:33	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		10/09/20 15:33	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Sample: SW-6 **Lab ID: 92499373006** Collected: 10/06/20 14:58 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/09/20 09:40	10/10/20 15:10	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	87	%	60-140		1	10/09/20 09:40	10/10/20 15:10	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 15:51	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 15:51	994-05-8	
Benzene	ND	ug/L	1.0	0.15	1		10/09/20 15:51	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 15:51	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 15:51	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 15:51	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.34	1		10/09/20 15:51	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 15:51	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 15:51	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.26	1		10/09/20 15:51	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 15:51	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.28	1		10/09/20 15:51	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.35	1		10/09/20 15:51	91-20-3	
Toluene	ND	ug/L	1.0	0.24	1		10/09/20 15:51	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.63	1		10/09/20 15:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.41	1		10/09/20 15:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.22	1		10/09/20 15:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/09/20 15:51	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		10/09/20 15:51	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		10/09/20 15:51	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

QC Batch: 571902
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499373001, 92499373002, 92499373003, 92499373004, 92499373005, 92499373006

METHOD BLANK: 3029175 Matrix: Water
Associated Lab Samples: 92499373001, 92499373002, 92499373003, 92499373004, 92499373005, 92499373006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	0.34	10/09/20 13:44	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	62.0	10/09/20 13:44	
Benzene	ug/L	ND	1.0	0.15	10/09/20 13:44	
Diisopropyl ether	ug/L	ND	1.0	0.22	10/09/20 13:44	
Ethanol	ug/L	ND	200	98.8	10/09/20 13:44	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.7	10/09/20 13:44	
Ethylbenzene	ug/L	ND	1.0	0.26	10/09/20 13:44	
m&p-Xylene	ug/L	ND	2.0	0.41	10/09/20 13:44	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.28	10/09/20 13:44	
Naphthalene	ug/L	ND	1.0	0.35	10/09/20 13:44	
o-Xylene	ug/L	ND	1.0	0.22	10/09/20 13:44	
tert-Amyl Alcohol	ug/L	ND	100	53.9	10/09/20 13:44	
tert-Amylmethyl ether	ug/L	ND	10.0	3.5	10/09/20 13:44	
tert-Butyl Alcohol	ug/L	ND	100	27.3	10/09/20 13:44	
tert-Butyl Formate	ug/L	ND	50.0	24.7	10/09/20 13:44	
Toluene	ug/L	ND	1.0	0.24	10/09/20 13:44	
Xylene (Total)	ug/L	ND	1.0	0.63	10/09/20 13:44	
1,2-Dichloroethane-d4 (S)	%	93	70-130		10/09/20 13:44	
4-Bromofluorobenzene (S)	%	99	70-130		10/09/20 13:44	
Toluene-d8 (S)	%	102	70-130		10/09/20 13:44	

LABORATORY CONTROL SAMPLE: 3029176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	48.2	96	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1140	114	70-130	
Benzene	ug/L	50	50.7	101	70-130	
Diisopropyl ether	ug/L	50	45.5	91	70-130	
Ethanol	ug/L	2000	1900	95	70-130	
Ethyl-tert-butyl ether	ug/L	100	100	100	70-130	
Ethylbenzene	ug/L	50	50.9	102	70-130	
m&p-Xylene	ug/L	100	102	102	70-130	
Methyl-tert-butyl ether	ug/L	50	49.6	99	70-130	
Naphthalene	ug/L	50	51.7	103	70-130	
o-Xylene	ug/L	50	52.1	104	70-130	
tert-Amyl Alcohol	ug/L	1000	1040	104	70-130	
tert-Amylmethyl ether	ug/L	100	102	102	70-130	
tert-Butyl Alcohol	ug/L	500	518	104	70-130	
tert-Butyl Formate	ug/L	400	419	105	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

LABORATORY CONTROL SAMPLE: 3029176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	49.9	100	70-130	
Xylene (Total)	ug/L	150	154	103	70-130	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3029177 3029178

Parameter	Units	92498851039 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	21.6	22.1	108	110	70-137	2	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	371	377	93	94	39-157	2	30	
Benzene	ug/L	ND	20	20	21.7	21.5	109	108	70-151	1	30	
Diisopropyl ether	ug/L	ND	20	20	19.0	19.5	95	97	63-144	2	30	
Ethanol	ug/L	ND	800	800	770	771	96	96	39-176	0	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	41.7	42.4	104	106	66-137	2	30	
Ethylbenzene	ug/L	ND	20	20	21.5	21.8	107	109	66-153	1	30	
m&p-Xylene	ug/L		40	40	42.3	43.9	106	110	69-152	4	30	
Methyl-tert-butyl ether	ug/L	3.8	20	20	25.4	25.8	108	110	54-156	2	30	
Naphthalene	ug/L	ND	20	20	19.7	20.3	99	102	61-148	3	30	
o-Xylene	ug/L		20	20	21.4	22.2	107	111	70-148	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	373	380	93	95	54-153	2	30	
tert-Amylmethyl ether	ug/L	ND	40	40	41.8	41.6	105	104	69-139	0	30	
tert-Butyl Alcohol	ug/L	ND	200	200	268	272	134	136	43-188	1	30	
tert-Butyl Formate	ug/L	ND	160	160	43.4J	41.0J	27	26	10-170		30	
Toluene	ug/L	ND	20	20	21.7	22.0	109	110	59-148	1	30	
Xylene (Total)	ug/L	ND	60	60	63.8	66.2	106	110	63-158	4	30	
1,2-Dichloroethane-d4 (S)	%						105	104	70-130			
4-Bromofluorobenzene (S)	%						100	100	70-130			
Toluene-d8 (S)	%						99	99	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

QC Batch: 572091
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499373001, 92499373002, 92499373003, 92499373004, 92499373005, 92499373006

METHOD BLANK: 3030043 Matrix: Water
Associated Lab Samples: 92499373001, 92499373002, 92499373003, 92499373004, 92499373005, 92499373006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	10/10/20 11:49	
1-Chloro-2-bromopropane (S)	%	94	60-140		10/10/20 11:49	

LABORATORY CONTROL SAMPLE & LCSD: 3030044 3030045

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.26	0.31	105	125	60-140	18	20	
1-Chloro-2-bromopropane (S)	%				92	96	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3030047 3030048

Parameter	Units	92499373001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.25	0.25	0.26	0.26	102	101	60-140	1	20	
1-Chloro-2-bromopropane (S)	%						93	98	60-140			

SAMPLE DUPLICATE: 3030046

Parameter	Units	92499368021 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.16	0.16	2	20	
1-Chloro-2-bromopropane (S)	%	104	98			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499373

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92499373001	SW-1	EPA 8011	572091	EPA 8011	572245
92499373002	SW-2	EPA 8011	572091	EPA 8011	572245
92499373003	SW-3	EPA 8011	572091	EPA 8011	572245
92499373004	SW-4	EPA 8011	572091	EPA 8011	572245
92499373005	SW-5	EPA 8011	572091	EPA 8011	572245
92499373006	SW-6	EPA 8011	572091	EPA 8011	572245
92499373001	SW-1	EPA 8260D	571902		
92499373002	SW-2	EPA 8260D	571902		
92499373003	SW-3	EPA 8260D	571902		
92499373004	SW-4	EPA 8260D	571902		
92499373005	SW-5	EPA 8260D	571902		
92499373006	SW-6	EPA 8260D	571902		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB US **WO# : 92499373**

92499373

lumber or

Company: MECI	Billing Information:
Address: 131 Fooley Road Lexington 29073	
Report To: B. Shane	Email To: SL@meci.net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: HQ Health Self Serve #2	State: SC / County/City: Sumter / Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: / Quote #: / DW PWS ID #: / DW Location Code:
Collected By (signature):	Turnaround Date Required: / Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Analyses: BTEX NAPH DCA EDB Oxys 8260B; EDB SOIL

Lab Profile/Line:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
SW-1	GW	G	10/6/20	9:36				6	92499373 001
SW-2	"	"	"	9:32					002
SW-3	"	"	"	9:24					003
SW-4	"	"	"	9:15					004
SW-5	"	"	"	9:08					005
SW-6	GW	G	10/6/20	14:58					006

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N) NA
Custody Signatures Present	(Y)	N NA
Collector Signature Present	(Y)	N NA
Bottles Intact	(Y)	N NA
Correct Bottles	(Y)	N NA
Sufficient Volume	(Y)	N NA
Samples Received on Ice	(Y)	N NA
VOA - Headspace Acceptable	(Y)	N NA
USDA Regulated Soils	Y	N (NA)
Samples in Holding Time	(Y)	N NA
Residual Chlorine Present	Y	N (NA)
Cl Strips: ____		
Sample pH Acceptable	Y	N (NA)
pH Strips: ____		
Sulfide Present	Y	N (NA)
Lead Acetate Strips: ____		

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bag

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2410385

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:

Temp Blank Received: Y N (NA)

Therm ID#: 92706

Cooler 1 Temp Upon Receipt: 0.4 oC

Cooler 1 Therm Corr. Factor: 0.0 oC

Cooler 1 Corrected Temp: 0.4 oC

Comments:

Relinquished by/Company: (Signature)	Date/Time: 10-7-20	Received by/Company: (Signature) Josh Mallas	Date/Time: 10/7/20 0840	MTJL LAB USE ONLY
Relinquished by/Company: (Signature) Josh Mallas	Date/Time: 10/7/20 1550	Received by/Company: (Signature) Pace Hub	Date/Time: 10/7/20 15:50	Table #: / Acctnum: / Template: / Prelogin: / PM: / PB:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Trip Blank Received: Y (N) NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottle**

Project # WO# : 92499373

PM: AMB Due Date: 10/14/20

CLIENT: 92-MIDLAND

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																6												
2																6												
3																6												
4																6												
5																6												
6																6												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 13, 2020

Mr. Bryan Shane
Midlands Environmental
PO Box 854
Lexington, SC 29071

RE: Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Dear Mr. Shane:

Enclosed are the analytical results for sample(s) received by the laboratory on October 07, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Mr. Jeff Coleman, Midlands Environmental
Mr. Kyle Pudney, Midlands Environmental

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92499423001	WSW-3	Water	10/06/20 15:15	10/07/20 08:40
92499423002	WSW-5	Water	10/06/20 15:20	10/07/20 08:40
92499423003	WSW-6	Water	10/06/20 15:30	10/07/20 08:40
92499423004	DUP-WSW	Water	10/06/20 15:20	10/07/20 08:40
92499423005	Field Blank	Water	10/06/20 15:35	10/07/20 08:40
92499423006	Trip Blank	Water	10/06/20 15:35	10/07/20 08:40

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92499423001	WSW-3	EPA 504.1	JMS1	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	SAS	11	PASI-C
92499423002	WSW-5	EPA 504.1	JMS1	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	SAS	11	PASI-C
92499423003	WSW-6	EPA 504.1	JMS1	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	SAS	11	PASI-C
92499423004	DUP-WSW	EPA 504.1	JMS1	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	SAS	11	PASI-C
92499423005	Field Blank	EPA 504.1	JMS1	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	SAS	11	PASI-C
92499423006	Trip Blank	EPA 524.2	LMB	11	PASI-C
		EPA 8260D	SAS	11	PASI-C

PASI-C = Pace Analytical Services - Charlotte

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Sample: WSW-3 **Lab ID: 92499423001** Collected: 10/06/20 15:15 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
	Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.012	1	10/12/20 09:28	10/12/20 16:26	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	93	%	70-130		1	10/12/20 09:28	10/12/20 16:26	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
	Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.25	1		10/08/20 22:47	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		10/08/20 22:47	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		10/08/20 22:47	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		10/08/20 22:47	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		10/08/20 22:47	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		10/08/20 22:47	108-88-3	
Xylene (Total)	ND	ug/L	0.50	0.25	1		10/08/20 22:47	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.46	1		10/08/20 22:47	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		10/08/20 22:47	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	113	%	70-130		1		10/08/20 22:47	2199-69-1	
4-Bromofluorobenzene (S)	110	%	70-130		1		10/08/20 22:47	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 21:14	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 21:14	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 21:14	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 21:14	75-65-0	v1
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 21:14	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 21:14	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 21:14	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 21:14	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		10/09/20 21:14	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		10/09/20 21:14	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		10/09/20 21:14	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Sample: WSW-5 **Lab ID: 92499423002** Collected: 10/06/20 15:20 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
	Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:28	10/12/20 16:38	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	101	%	70-130		1	10/12/20 09:28	10/12/20 16:38	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
	Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.25	1		10/08/20 23:14	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		10/08/20 23:14	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		10/08/20 23:14	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		10/08/20 23:14	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		10/08/20 23:14	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		10/08/20 23:14	108-88-3	
Xylene (Total)	ND	ug/L	0.50	0.25	1		10/08/20 23:14	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.46	1		10/08/20 23:14	179601-23-1	
o-Xylene	**0.47J**	ug/L	0.50	0.25	1		10/08/20 23:14	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	112	%	70-130		1		10/08/20 23:14	2199-69-1	
4-Bromofluorobenzene (S)	108	%	70-130		1		10/08/20 23:14	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 21:32	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 21:32	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 21:32	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 21:32	75-65-0	v1
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 21:32	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 21:32	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 21:32	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 21:32	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/09/20 21:32	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		10/09/20 21:32	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		10/09/20 21:32	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Sample: WSW-6 **Lab ID: 92499423003** Collected: 10/06/20 15:30 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:28	10/12/20 16:50	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	88	%	70-130		1	10/12/20 09:28	10/12/20 16:50	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.25	1		10/08/20 23:40	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		10/08/20 23:40	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		10/08/20 23:40	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		10/08/20 23:40	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		10/08/20 23:40	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		10/08/20 23:40	108-88-3	
Xylene (Total)	ND	ug/L	0.50	0.25	1		10/08/20 23:40	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.46	1		10/08/20 23:40	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		10/08/20 23:40	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	112	%	70-130		1		10/08/20 23:40	2199-69-1	
4-Bromofluorobenzene (S)	108	%	70-130		1		10/08/20 23:40	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 21:50	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 21:50	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 21:50	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 21:50	75-65-0	v1
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 21:50	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 21:50	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 21:50	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 21:50	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		10/09/20 21:50	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		10/09/20 21:50	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		10/09/20 21:50	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Sample: DUP-WSW **Lab ID: 92499423004** Collected: 10/06/20 15:20 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:28	10/12/20 17:02	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	90	%	70-130		1	10/12/20 09:28	10/12/20 17:02	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.25	1		10/09/20 00:06	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		10/09/20 00:06	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		10/09/20 00:06	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		10/09/20 00:06	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		10/09/20 00:06	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		10/09/20 00:06	108-88-3	
Xylene (Total)	**0.60**	ug/L	0.50	0.25	1		10/09/20 00:06	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.46	1		10/09/20 00:06	179601-23-1	
o-Xylene	**0.60**	ug/L	0.50	0.25	1		10/09/20 00:06	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	115	%	70-130		1		10/09/20 00:06	2199-69-1	
4-Bromofluorobenzene (S)	109	%	70-130		1		10/09/20 00:06	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 22:25	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 22:25	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 22:25	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 22:25	75-65-0	v1
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 22:25	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 22:25	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 22:25	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 22:25	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/09/20 22:25	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		10/09/20 22:25	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		10/09/20 22:25	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Sample: Field Blank **Lab ID: 92499423005** Collected: 10/06/20 15:35 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.011	1	10/12/20 09:28	10/12/20 17:13	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	90	%	70-130		1	10/12/20 09:28	10/12/20 17:13	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.25	1		10/08/20 21:03	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		10/08/20 21:03	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		10/08/20 21:03	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		10/08/20 21:03	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		10/08/20 21:03	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		10/08/20 21:03	108-88-3	
Xylene (Total)	ND	ug/L	0.50	0.25	1		10/08/20 21:03	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.46	1		10/08/20 21:03	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		10/08/20 21:03	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	111	%	70-130		1		10/08/20 21:03	2199-69-1	
4-Bromofluorobenzene (S)	106	%	70-130		1		10/08/20 21:03	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 20:21	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 20:21	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 20:21	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 20:21	75-65-0	v1
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 20:21	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 20:21	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 20:21	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 20:21	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		10/09/20 20:21	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		10/09/20 20:21	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		10/09/20 20:21	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Sample: Trip Blank **Lab ID: 92499423006** Collected: 10/06/20 15:35 Received: 10/07/20 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.25	1		10/08/20 21:29	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.13	1		10/08/20 21:29	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.26	1		10/08/20 21:29	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.094	1		10/08/20 21:29	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.31	1		10/08/20 21:29	91-20-3	
Toluene	ND	ug/L	0.50	0.24	1		10/08/20 21:29	108-88-3	
Xylene (Total)	ND	ug/L	0.50	0.25	1		10/08/20 21:29	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.46	1		10/08/20 21:29	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.25	1		10/08/20 21:29	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	112	%	70-130		1		10/08/20 21:29	2199-69-1	
4-Bromofluorobenzene (S)	106	%	70-130		1		10/08/20 21:29	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	53.9	1		10/09/20 20:39	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.5	1		10/09/20 20:39	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	62.0	1		10/09/20 20:39	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	27.3	1		10/09/20 20:39	75-65-0	v1
tert-Butyl Formate	ND	ug/L	50.0	24.7	1		10/09/20 20:39	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.22	1		10/09/20 20:39	108-20-3	
Ethanol	ND	ug/L	200	98.8	1		10/09/20 20:39	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.7	1		10/09/20 20:39	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		10/09/20 20:39	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		10/09/20 20:39	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		10/09/20 20:39	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

QC Batch: 571891
QC Batch Method: EPA 524.2
Analysis Method: EPA 524.2
Analysis Description: 524.2 MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499423001, 92499423002, 92499423003, 92499423004, 92499423005, 92499423006

METHOD BLANK: 3029126 Matrix: Water
Associated Lab Samples: 92499423001, 92499423002, 92499423003, 92499423004, 92499423005, 92499423006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	0.50	0.13	10/08/20 15:23	
Benzene	ug/L	ND	0.50	0.25	10/08/20 15:23	
Ethylbenzene	ug/L	ND	0.50	0.26	10/08/20 15:23	
m&p-Xylene	ug/L	ND	1.0	0.46	10/08/20 15:23	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.094	10/08/20 15:23	
Naphthalene	ug/L	ND	0.50	0.31	10/08/20 15:23	
o-Xylene	ug/L	ND	0.50	0.25	10/08/20 15:23	
Toluene	ug/L	ND	0.50	0.24	10/08/20 15:23	
Xylene (Total)	ug/L	ND	0.50	0.25	10/08/20 15:23	
1,2-Dichlorobenzene-d4 (S)	%	112	70-130		10/08/20 15:23	
4-Bromofluorobenzene (S)	%	108	70-130		10/08/20 15:23	

LABORATORY CONTROL SAMPLE: 3029127

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	20.8	104	70-130	
Benzene	ug/L	20	20.0	100	70-130	
Ethylbenzene	ug/L	20	21.1	105	70-130	
m&p-Xylene	ug/L	40	42.5	106	70-130	
Methyl-tert-butyl ether	ug/L	20	18.6	93	70-130	
Naphthalene	ug/L	20	21.3	106	70-130	
o-Xylene	ug/L	20	21.2	106	70-130	
Toluene	ug/L	20	20.9	104	70-130	
Xylene (Total)	ug/L	60	63.7	106		
1,2-Dichlorobenzene-d4 (S)	%			112	70-130	
4-Bromofluorobenzene (S)	%			108	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

QC Batch: 572230
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499423001, 92499423002, 92499423003, 92499423004, 92499423005, 92499423006

METHOD BLANK: 3030856 Matrix: Water
Associated Lab Samples: 92499423001, 92499423002, 92499423003, 92499423004, 92499423005, 92499423006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	100	62.0	10/09/20 18:52	
Diisopropyl ether	ug/L	ND	1.0	0.22	10/09/20 18:52	
Ethanol	ug/L	ND	200	98.8	10/09/20 18:52	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.7	10/09/20 18:52	
tert-Amyl Alcohol	ug/L	ND	100	53.9	10/09/20 18:52	
tert-Amylmethyl ether	ug/L	ND	10.0	3.5	10/09/20 18:52	
tert-Butyl Alcohol	ug/L	ND	100	27.3	10/09/20 18:52	v1
tert-Butyl Formate	ug/L	ND	50.0	24.7	10/09/20 18:52	
1,2-Dichloroethane-d4 (S)	%	95	70-130		10/09/20 18:52	
4-Bromofluorobenzene (S)	%	102	70-130		10/09/20 18:52	
Toluene-d8 (S)	%	106	70-130		10/09/20 18:52	

LABORATORY CONTROL SAMPLE: 3030857

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	1000	982	98	70-130	
Diisopropyl ether	ug/L	50	49.7	99	70-130	
Ethanol	ug/L	2000	2400	120	70-130	
Ethyl-tert-butyl ether	ug/L	100	111	111	70-130	
tert-Amyl Alcohol	ug/L	1000	1000	100	70-130	
tert-Amylmethyl ether	ug/L	100	106	106	70-130	
tert-Butyl Alcohol	ug/L	500	603	121	70-130	v1
tert-Butyl Formate	ug/L	400	363	91	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3030858 3030859

Parameter	Units	92499423004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	404	404	101	101	39-157	0	30	
Diisopropyl ether	ug/L	ND	20	20	21.6	20.8	108	104	63-144	4	30	
Ethanol	ug/L	ND	800	800	922	918	115	115	39-176	0	30	v1
Ethyl-tert-butyl ether	ug/L	ND	40	40	47.1	44.7	118	112	66-137	5	30	
tert-Amyl Alcohol	ug/L	ND	400	400	397	413	99	103	54-153	4	30	
tert-Amylmethyl ether	ug/L	ND	40	40	43.6	43.6	109	109	69-139	0	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3030858 3030859

Parameter	Units	92499423004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
tert-Butyl Alcohol	ug/L	ND	200	200	238	254	119	127	43-188	6	30	
tert-Butyl Formate	ug/L	ND	160	160	158	138	98	86	10-170	13	30	
1,2-Dichloroethane-d4 (S)	%						100	95	70-130			
4-Bromofluorobenzene (S)	%						101	100	70-130			
Toluene-d8 (S)	%						96	97	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

QC Batch: 572459
QC Batch Method: EPA 504.1
Analysis Method: EPA 504.1
Analysis Description: GCS 504 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92499423001, 92499423002, 92499423003, 92499423004, 92499423005

METHOD BLANK: 3031752 Matrix: Water
Associated Lab Samples: 92499423001, 92499423002, 92499423003, 92499423004, 92499423005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.011	10/12/20 13:09	
1-Chloro-2-bromopropane (S)	%	94	70-130		10/12/20 13:09	

LABORATORY CONTROL SAMPLE & LCSD: 3031753 3031754

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.24	0.22	0.22	92	92	70-130	0	20	
1-Chloro-2-bromopropane (S)	%				98	98	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3031756 3031757

Parameter	Units	92499381002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.26	0.26	0.25	0.25	97	96	65-135	1	20	
1-Chloro-2-bromopropane (S)	%						103	102	70-130			

SAMPLE DUPLICATE: 3031755

Parameter	Units	92499381001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	96	103			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Health Self Serve#2 20-7412
Pace Project No.: 92499423

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92499423001	WSW-3	EPA 504.1	572459	EPA 504.1	572545
92499423002	WSW-5	EPA 504.1	572459	EPA 504.1	572545
92499423003	WSW-6	EPA 504.1	572459	EPA 504.1	572545
92499423004	DUP-WSW	EPA 504.1	572459	EPA 504.1	572545
92499423005	Field Blank	EPA 504.1	572459	EPA 504.1	572545
92499423001	WSW-3	EPA 524.2	571891		
92499423002	WSW-5	EPA 524.2	571891		
92499423003	WSW-6	EPA 524.2	571891		
92499423004	DUP-WSW	EPA 524.2	571891		
92499423005	Field Blank	EPA 524.2	571891		
92499423006	Trip Blank	EPA 524.2	571891		
92499423001	WSW-3	EPA 8260D	572230		
92499423002	WSW-5	EPA 8260D	572230		
92499423003	WSW-6	EPA 8260D	572230		
92499423004	DUP-WSW	EPA 8260D	572230		
92499423005	Field Blank	EPA 8260D	572230		
92499423006	Trip Blank	EPA 8260D	572230		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY **WO# : 92499423** A 92499423

Company: MECI

Billing Information: MECI

Address: 251 Dooley Rd Lex, SC 29073

Report To: B. Shane

Email To: jlc@meciner

Copy To:

Site Collection Info/Address:

Customer Project Name/Number: H2 Heater Self Serv #2

State: SC County/City: Sumter Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone:
Email:

Site/Facility ID #: 20-7412

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print):

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Pre.: 3 3 8 — A. Kwiani

* Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEX/MTBE 524.2	Analyses: OXYs 8260B	Analyses: EDB 504.1	Lab Profile/Line:
MSW-3	DW	G			10/6	15:15		9	X	X	X	LWL's 001
WSW-5						15:20						LWL's 002
WSW-6						15:30						LWL's 003
DUP-WSW						15:20						LWL's 004
Field Blank						15:35					X	FB 005
Trip Blank	DW	G			10/6	15:35		6	X	X		TB 006

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	(N)	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	(NA)
Samples in Holding Time	(Y)	N	NA
Residual Chlorine Present	Y	N	(NA)
Cl Strips: _____			
Sample pH Acceptable	Y	N	(NA)
pH Strips: _____			
Sulfide Present	Y	N	(NA)
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

92499423

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: Bubble bag

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2514245

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y N (NA)
Therm ID#: 92r061
Cooler 1 Temp Upon Receipt: 0.4 oC
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 0.4 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature]	10-7-20/	Josh Mallas	10/7/20 0840
Josh Mallas	10/7/20 1550	[signature] Pace/Hd	10/7/20 15:50

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA (HCl) MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

APPENDIX C:

TAX MAP

(Not Applicable)

APPENDIX D:

SOIL BORING/FIELD SCREENING LOGS & 1903 FORMS

(Not Applicable)

APPENDIX E:

WELL COMPLETION LOGS & 1903 FORMS

(Not Applicable)

APPENDIX F:

AQUIFER EVALUATION SUMMARY FORMS, DATA, GRAPHS, EQUATIONS

(Not Applicable)

APPENDIX G:

DISPOSAL MANIFEST

Midlands
Environmental
Consultants, Inc.

October 15, 2020

Re: Treatment of Purge Water
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID Number 08932
MECI Project Number 19-7037

To Whom It May Concern;

Midlands Environmental Consultants, Inc. is providing the following letter as certification that treatment of the referenced purge water complied with the conditions of "Proposed Conditions for Use of Portable Activated Carbon Units for the Treatment of Small Volumes of Petroleum Hydrocarbon Contaminated Groundwater", as described in the following:

Applicability:

Groundwater treated was obtained as a result development of wells and sampling.

Conditions:

1. The purge/bail water from all wells is mixed before usage of the Activated Carbon Unit.
2. No free-product was detected in any of the purge water drums.
3. Analytical results of from well sampling show average concentrations of petroleum hydrocarbon constituents less than 5000 parts per billion (ppb) Benzene and less than 20,000 ppb total BTEX.
4. The existing carbon pack will be replaced/reactivated every 5,000 gallons.
5. Record of usage is maintained by Contractor.
6. Any and all recommendations and conditions issued by the Manufacturer have been adhered to.
7. Any and all recommendations and conditions (even on a site by site basis) issued by the SCDHEC must be adhered to.

All purge waters were treated on-site using an up-flow treatment drum loaded with 80 pounds of activated carbon. Carbon will be loaded to a maximum of 3 pounds of total organic compounds or 5,000 gallons of development/purge water, whichever occurs first.

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

- 562.50 gallons were treated on October 6, 2020 during purging and sampling of the monitoring well network.

Midlands Environmental also tracks cumulative organic compounds adsorbed on the activated carbon to ensure the capacity of carbon mass is not over-charged. This data is available upon request.

Should you have any questions or comments, please contact the undersigned.

Sincerely,
Midlands Environmental Consultants, Inc.

Jeff L. Coleman
Senior Scientist

APPENDIX H:

LOCAL ZONING REGULATIONS

(Not Applicable)

APPENDIX I:

FATE AND TRANSPORT MODELING

(Not Applicable)

APPENDIX J:

ACCESS AGREEMENTS

(Not Applicable)

APPENDIX K:

DATA VERIFICATION CHECKLIST

Contractor Checklist

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

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

dhec
SC Department of Health and Environmental Control

Underground Storage Tank Management Division
Tank Owner Information Form

Facility Name: H Q HEATH SELF SERV 2	Permit ID: 08932	Release Date(s): 7/31/96
Facility Address: 501 N GUIGNARD DR		
City: SUMTER	South Carolina	Zip Code: 29150
Tank Owner Name: COCA COLA BOTTLING CO CONSOLIDATED		
Mailing Address: 4115 COCA COLA PLAZA		
City: CHARLOTTE	State: NC	Zip Code: 28211
Name of Tank Owner (or Authorized Agent if Owner is a Business Entity) (print):		
Signature:		Date:

If you are a sole proprietor as the tank owner and choose to not to have any agents, please initial _____, identifying you are the only person authorized to sign invoices and/or select a certified site rehabilitation contractor for the referenced release(s).

I certify that the agents identified below are **authorized to select a certified site rehabilitation contractor and/or sign invoices** on behalf of the tank owner for compensation from SUPERB Account for site rehabilitation activities conducted under the UST release(s) referenced above; print name, affiliation with tank owner, and signature (non-black ink). _____ (tank owner initial)

	Authorized to sign invoices on behalf of the tank owner	Authorized to select a certified site rehabilitation contractor
Name: Affiliation: Signature: Date:	Yes☐ No ☐	Yes☐ No ☐
Name: Affiliation: Signature: Date:	Yes☐ No ☐	Yes☐ No ☐
Name: Affiliation: Signature: Date:	Yes☐ No ☐	Yes☐ No ☐
Name: Affiliation: Signature: Date:	Yes☐ No ☐	Yes☐ No ☐



dhec
Healthy People. Healthy Communities.

COCA COLA BOTTLING CO CONSOLIDATED
4115 COCA COLA PLAZA
CHARLOTTE, NC 28211

DEC 1 1 2020

Re: Tank Owner Information

To Whom It May Concern:

The South Carolina Department Health and Environmental Control (DHEC) Underground Storage Tank (UST) Management Division (Division) is enhancing its efforts to accurately update our agency database with correct information in regards to the tank owner and identified agents. The Division is preparing for the transition to our new ePermitting database system in the foreseeable future. This updated information will allow the Division to provide consistency in communication with the tank owner and authorized agents via telephone, email, or postal service when necessary. For your convenience if there is any information that is incorrect, either on this form or in the DHEC UST registry on our webpage (*https://apps.dhec.sc.gov/Environment/USTRegistry*), please provide the correct information.

Please return the enclosed form no later than 30 days from receipt of this letter. If you have any questions or need additional time to submit the form, please contact me at ariailrd@dhec.sc.gov or (803) 898-9418. You can also contact the Division at (803) 898-2254 or (803) 898-0589.

Sincerely,

Ryan D. Ariail, Customer Service Liaison
Underground Storage Tank Management Division
Bureau of Land and Waste Management

Cc: Technical File

Enc: Tank Owner Information Form (D-4075)

dhec
Healthy People. Healthy Communities.

DEC 16 2020

UST 1191 DOCKETING

COCA COLA BOTTLING CO CONSOLIDATED
PO BOX 31487
CHARLOTTE NC 28231

Re: **Aggressive Fluid and Vapor Recovery Notice to Proceed**
H Q Heath Self Serv 2, 501 Guignard Dr, Sumter, SC
UST Permit #08932; CA #62810
Release reported July 31, 1996
Monitoring Report received November 5, 2020
Sumter County

To Whom It May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the above referenced report which documents free-phase product (FPP) or Chemicals of Concern (CoC) in the subsurface as a result of the above referenced release.

In accordance with Section 280.64 of the South Carolina Underground Storage Tank Control Regulations R.61-92, an Aggressive Fluid and Vapor Recovery (AFVR) event may proceed immediately upon receipt of this letter as outlined in this directive and the current revision of the UST Quality Assurance Program Plan (QAPP). One 96-hour event utilizing monitoring wells MW-29 and TFR-12 should be performed. The stingers shall be lowered at six inch intervals starting at the water table interface to a target depth of 20 feet and 25 feet respectively. **Please be aware that the AFVR Procedures have been updated.** Please advance to the target depth(s) within the first eight (8) hours of the event. Thereafter, the stinger(s) should be adjusted to achieve the highest vapor recovery while maintaining dewatering of the smear zone. Off-gas treatment will be necessary. A copy of the current revision of the UST Division's QAPP is available at https://scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

As soon as the beginning date of the event has been scheduled, please contact the Project Manager listed below.

The AFVR Report should be submitted within 90 days from the date of this correspondence. Please note that all applicable South Carolina certification requirements apply to the services and report preparation. All site rehabilitation activities must be performed and submitted by a South Carolina Certified Underground Storage Tank Site Rehabilitation Contractor.

Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. By law, the SUPERB Account cannot compensate any costs that are not pre-approved. If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.
Please note that Sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that no costs will be

allowed unless prior approval is obtained from the UST Management Division. If for any reason additional tasks will be completed, these additional tasks and the associated cost must be preapproved by DHEC for the cost to be paid. DHEC reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, DHEC reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

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

On all correspondence concerning this site, please reference UST Permit #08932. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at feltzal@dhec.sc.gov.

Sincerely,

Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: Midlands Environmental Consultants, Inc. P.O. Box 854, Lexington, SC 29071 (w/enc)
Technical file (w/enc)

Approved Cost Agreement 62810

Facility: 08932 H Q HEATH SELF SERV 2
FELTZAL
PO Number:

Task / Description Categories	Item Description	Qty / Pct	Unit Price	Amount
S REPORT PROJECT MANAGEMENT				
	S REPORT PREP & PROJ. MANAGEMENT	0.1200	$24,276.380	2,913.17
W AFVR				
	14 AFVR SITE RECONNAISSANCE	1.0000	$216.870	216.87
	16 AFVR EFFLUENT DISPOSAL	20,000.0000	$0.470	9,400.00
	17 AFVR MOB - DEMOB	1.0000	$417.730	417.73
	4 96 HOUR EVENT	1.0000	$13,409.520	13,409.52
	8 OFF GAS TREATMENT 96 HOUR	1.0000	$832.260	832.26
		Total Amount		27,189.55

Midlands
Environmental
Consultants, Inc.

April 12, 2021

RECEIVED

APR 14 2021

SC Department of
Health & Environmental Control

Ms. Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201



Subject: Aggressive Fluid Vapor Recovery Report
HQ Heath Self Serve #2
501 Guignard Drive
Sumter, South Carolina
SCDHEC Site ID # 08932; CA # 62810
MECI Project Number 20-7524
Certified Site Rehabilitation Contractor UCC-0009

Dear Ms. Feltz,

On behalf of Coca Cola Bottling Co Consolidated, Midlands Environmental Consultants, Inc. (MECI) is pleased to submit the attached Aggressive Fluid Vapor Recovery Report for the referenced site. This describes the aggressive fluid vapor recovery activities conducted at the site in general accordance with South Carolina Department of Health and Environmental Control (SCDHEC) guidelines set forth in the UST Quality Assurance Program Plan (QAPP).

AGGRESSIVE FLUID VAPOR RECOVERY

A site visit was conducted at HQ Heath Self Serve #2 on December 28, 2020 to locate/gauge monitoring wells and to evaluate current site conditions. MECI personnel commenced a 96-Hour Aggressive Fluid Vapor Recovery (AFVR) event at HQ Heath Self Serve #2 on March 29, 2021 and completed the event on April 2, 2021. The event was conducted on monitoring well MW-29 to reduce elevated dissolved CoC concentrations and on recovery well TFR-12 to remove free phase petroleum product at the referenced site. Prior to the AFVR event, MECI personnel gauged each monitoring well for free phase petroleum product utilizing a Heron H.Oil Oil/Water Interface Meter. The following table presents depth to product, depth to water, and product thickness measurements obtained prior to the commencement of the 96-Hour event:

Pre-AFVR Well Data			
Well ID#	***Depth to Product (ft.)***	***Depth to Water (ft.)***	***Product Thickness (ft.)***
MW-29	Not Detected	11.24	Not Detected
TFR-12	11.56	11.60	0.04

The event was continuously conducted for ninety-six (96) hours by MECI personnel utilizing a vacuum extraction unit. Following the extended AFVR event, free product and groundwater levels were measured and recorded. The following table presents the post-AFVR free product and groundwater measurements obtained after completion of the AFVR event:

Post-AFVR Well Data			
Well ID#	***Depth to Product (ft.)***	***Depth to Water (ft.)***	***Product Thickness (ft.)***
MW-29	Not Detected	15.62	Not Detected
TFR-12	Not Detected	14.99	Not Detected

MECI treated the off gas produced during the AFVR event using an activated carbon filter system, which achieved an average calculated reduction rate of 99.27% throughout the duration of the referenced event. Calculated total petroleum hydrocarbons removed during the event were 219.88 pounds or approximately 37.98 equivalent gallons. The average rate of removal for the hydrocarbons was calculated to be 2.29 pounds per hour. Concentrations of off gas (Pre-Treatment) produced during the event were recorded from 279.4 parts per million by volume (PPM) to 2,317 PPM. Vacuum readings were recorded at a range of 19.0 to 26.0 inches of mercury during the event. A complete compilation of measurements recorded is presented in attached Table 1.

Differential pressures and groundwater levels were measured and recorded for selected site monitoring wells at regular intervals. This data is summarized in the attached Table 2. Extraction well head vacuum and stinger depth were also measured and recorded at regular intervals for the wells utilized during the event. This data is summarized in the attached Table 3. Monitoring well locations are depicted on the attached Figure 2.

A total of 24,559 gallons of liquid was removed from the site during this event. Free Phase Petroleum product was not observed in the holding tanks at the end of the event. The fluids produced were transported to Regulatory Solutions, Inc. of Gaston, SC for disposal. A disposal manifest for these fluids is attached at the end of this report.

QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assignment are consistent with those normally employed in enhanced fluid recovery events and waste management projects of this type. Contents of this report are intended for the use by MECI, Coca Cola Bottling Co. Consolidated, and the South Carolina Department of Health and Environmental Control, under mutually agreed upon terms and conditions. If other parties wish to rely on this report, please contact MECI prior to their use of this information so that a mutual understanding and agreement of the terms and conditions of our services can be established.

Midlands Environmental appreciates the opportunity to offer our professional environmental related services to you on this project. Please feel free to contact us at 803-808-2043 if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.

Kyle V. Pudney
Project Biologist

Jeff L. Coleman
Senior Scientist

TABLE 1
AFVR MONITORING DATA
HQ HEATH SELF SERVE #2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7524
SCDHEC SITE ID NUMBER 08932

Extraction Well	Date	Time (hh:mm)	Differential Time (hr)	Extraction Well Head Vacuum (in. Hg)	Off Gas Measurements: Pre-Treatment Concentration (PPM)	Post-Treatment Concentration (PPM)	Treatment Reduction Rate (%)	Offgas Velocity (ft/min)	Flow Rate (CFM)	Removal Rate (Lbs/Hr)	Interval Removal (Lbs)
MW-29	03/29/21	8:00	0.50	26.0	279.4	0.0	100.00%	810	72.90	0.24	0.12
TFR-12	03/29/21	8:30	0.50	26.0	890.1	0.0	100.00%	840	75.60	0.81	0.40
▼	03/29/21	9:00	0.50	22.0	1,310	0.0	100.00%	1,000	90.00	1.41	0.71
▼	03/29/21	9:30	0.50	19.0	1,672	0.0	100.00%	1,620	145.80	2.93	1.46
▼	03/29/21	10:00	0.50	23.0	1,824	0.0	100.00%	1,400	126.00	2.76	1.38
▼	03/29/21	10:30	0.50	24.0	1,725	0.0	100.00%	920	82.80	1.71	0.86
▼	03/29/21	11:00	0.50	23.0	1,739	0.0	100.00%	860	77.40	1.62	0.81
▼	03/29/21	11:30	0.50	24.0	1,496	0.0	100.00%	890	80.10	1.44	0.72
▼	03/29/21	12:00	0.50	25.0	1,562	0.0	100.00%	980	88.20	1.65	0.83
▼	03/29/21	12:30	0.50	24.0	1,466	0.0	100.00%	1,010	90.90	1.60	0.80
▼	03/29/21	13:00	0.50	24.0	1,524	0.0	100.00%	1,030	92.70	1.70	0.85
▼	03/29/21	13:30	0.50	24.0	1,607	0.0	100.00%	910	81.90	1.58	0.79
▼	03/29/21	14:00	0.50	25.0	1,828	0.0	100.00%	840	75.60	1.66	0.83
▼	03/29/21	14:30	0.50	25.0	1,959	0.0	100.00%	1,010	90.90	2.14	1.07
▼	03/29/21	15:00	0.50	25.0	1,973	0.0	100.00%	960	86.40	2.05	1.02
▼	03/29/21	15:30	0.50	25.0	2,055	0.0	100.00%	910	81.90	2.02	1.01
▼	03/29/21	16:00	0.50	25.0	2,037	0.0	100.00%	860	77.40	1.89	0.95
MW-29 Stinger to 20'	03/29/21	17:00	1.00	24.0	1,901	0.0	100.00%	1,010	90.90	2.07	2.07
TFR-12 Stinger to 16'	03/29/21	18:00	1.00	24.0	1,987	0.0	100.00%	1,020	91.80	2.19	2.19
	03/29/21	19:00	1.00	24.0	2,054	0.0	100.00%	1,080	97.20	2.40	2.40
	03/29/21	20:00	1.00	24.0	2,014	0.0	100.00%	980	88.20	2.13	2.13
	03/29/21	21:00	1.00	24.0	2,198	0.0	100.00%	1,000	90.00	2.37	2.37
	03/29/21	22:00	1.00	24.0	2,150	0.0	100.00%	1,030	92.70	2.39	2.39
	03/29/21	23:00	1.00	24.0	2,196	0.0	100.00%	1,050	94.50	2.49	2.49
	03/30/21	0:00	1.00	25.0	2,263	0.0	100.00%	990	89.10	2.42	2.42
	03/30/21	8:00	8.00	25.0	2,119	8.6	99.59%	1,030	92.70	2.36	18.86
	03/30/21	10:00	2.00	25.0	2,200	11.8	99.46%	920	82.80	2.19	4.37
	03/30/21	12:00	2.00	25.0	2,097	11.1	99.47%	1,010	90.90	2.29	4.57
	03/30/21	14:00	2.00	25.0	2,128	13.6	99.36%	980	88.20	2.25	4.50
	03/30/21	16:00	2.00	25.0	2,266	14.2	99.37%	980	88.20	2.40	4.80
	03/30/21	18:00	2.00	24.0	2,283	14.0	99.39%	1,030	92.70	2.54	5.08
	03/30/21	20:00	2.00	24.0	2,197	19.4	99.12%	1,010	90.90	2.40	4.79
	03/30/21	22:00	2.00	24.0	2,086	18.9	99.09%	1,050	94.50	2.37	4.73
	03/31/21	0:00	2.00	24.0	2,247	17.5	99.22%	980	88.20	2.38	4.76
	03/31/21	8:00	8.00	24.0	2,169	19.3	99.11%	940	84.60	2.20	17.62
	03/31/21	10:00	2.00	24.0	2,214	21.4	99.03%	1,010	90.90	2.42	4.83
	03/31/21	12:00	2.00	24.0	2,184	22.1	98.99%	970	87.30	2.29	4.58
	03/31/21	14:00	2.00	24.0	2,209	23.6	98.93%	910	81.90	2.17	4.34
	03/31/21	16:00	2.00	24.0	2,247	24.1	98.93%	960	86.40	2.33	4.66
	03/31/21	18:00	2.00	24.0	2,169	25.7	98.82%	1,000	90.00	2.34	4.69
	03/31/21	20:00	2.00	24.0	2,288	26.3	98.85%	930	83.70	2.30	4.60
	03/31/21	22:00	2.00	24.0	2,304	29.1	98.74%	950	85.50	2.36	4.73
	04/01/21	0:00	2.00	24.0	2,212	33.0	98.51%	970	87.30	2.32	4.63
	04/01/21	8:00	8.00	24.0	2,183	36.4	98.33%	980	88.20	2.31	18.48
	04/01/21	10:00	2.00	24.0	2,271	28.7	98.74%	980	88.20	2.40	4.81
	04/01/21	12:00	2.00	24.0	2,236	41.5	98.14%	1,000	90.00	2.41	4.83
	04/01/21	14:00	2.00	24.0	2,317	44.1	98.10%	970	87.30	2.43	4.85
	04/01/21	16:00	2.00	24.0	2,264	48.3	97.87%	990	89.10	2.42	4.84
	04/01/21	18:00	2.00	24.0	2,214	51.0	97.70%	980	88.20	2.34	4.69
	04/01/21	20:00	2.00	24.0	2,172	54.6	97.49%	1,000	90.00	2.35	4.69
	04/01/21	22:00	2.00	24.0	2,223	58.3	97.38%	980	88.20	2.35	4.71
	04/02/21	0:00	2.00	24.0	2,281	62.4	97.26%	990	89.10	2.44	4.88
	04/02/21	8:00	8.00	24.0	2,167	76.8	96.46%	1,010	90.90	2.36	18.91

Well Data:			Pre AFVR Event			Post AFVR Event			Corrected Depth to Water Change (ft)
Well No.	Diameter (in)	Screened Interval (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	
MW-29	2"	5-15	***	11.56	***	***	15.62	***	4.06
TFR-12	4"	3-15	11.56	11.60	0.04	***	14.99	***	3.42

Vacuum Truck Information		Well ID	Initial Stinger Depth (ft)
Contractor:	MECI	MW-29	12.00
Truck Operator:	R. Grosslight	TFR-12	12.00
	S. Sprott		
	H. Sloan		
	C. Hansen		
Stack I.D. (feet)	0.33 feet		

Notes:

▼= Stinger Depth lowered 0.50 Feet

(Maximum Stinger Depth = 20.0 Feet in MW-29)

(Maximum Stinger Depth = 16.00 in TFR-12)

Total Depth of TFR-12 = 16.20 Feet

*** = Readings not required between 12am & 8am per QAPP

Recovery / Disposal Information		
Hydrocarbons Removed (vapor):	219.88	Pounds
Hydrocarbons Removed (liquid):	0	Gallons
Total Hydrocarbons Removed:	37.98	Equivilant Gallons
Molecular Weight Utilized:	75	g / mole
Total Liquids Removed	24,559	Gallons
Disposal Facility	Regulatory Solutions, Inc.	
Average Treatment System Reduction Rate:	99.27%	

TABLE 2
DIFFERENTIAL PRESSURE AND GROUNDWATER DRAWDOWN DATA
HQ HEATH SELF SERVE #2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7524
SCDHEC SITE ID NUMBER 08932

DIFFERENTIAL PRESSURE DATA

		Well Designation:	
		MW-33	TFR-11
Nearest Extraction Well:		TFR-12	TFR-12
Approximate Distance:		224 ft	53 ft
Time	Elapsed Time	Differential Pressure Readings (inches of water)	
Prior to AFVR		0.0	0.0
8:00	0.0	0.0	0.0
8:30	0.5	0.0	0.0
9:00	1.0	0.0	0.0
9:30	1.5	0.0	0.0
10:00	2.0	0.0	0.0
10:30	2.5	0.0	0.0
11:00	3.0	0.0	0.0
11:30	3.5	0.0	0.0
12:00	4.0	0.0	0.0
12:30	4.5	0.0	0.0
13:00	5.0	0.0	0.0
13:30	5.5	0.0	0.0
14:00	6.0	0.0	0.0
14:30	6.5	0.0	0.0
15:00	7.0	0.0	0.0
15:30	7.5	0.0	0.0
16:00	8.0	0.0	0.0
17:00	9.0	0.0	0.0
18:00	10.0	0.0	0.0
19:00	11.0	0.0	0.0
20:00	12.0	0.0	0.0
21:00	13.0	0.0	0.0
22:00	14.0	0.0	0.0
23:00	15.0	0.0	0.0
0:00	16.0	0.0	0.0
8:00	24.0	0.0	0.0
10:00	26.0	0.0	0.0
12:00	28.0	0.0	0.0
14:00	30.0	0.0	0.0
16:00	32.0	0.0	0.0
18:00	34.0	0.0	0.0
20:00	36.0	0.0	0.0
22:00	38.0	0.0	0.0
0:00	40.0	0.0	0.0
8:00	48.0	0.0	0.0
10:00	50.0	0.0	0.0
12:00	52.0	0.0	0.0
14:00	54.0	0.0	0.0
16:00	56.0	0.0	0.0
18:00	58.0	0.0	0.0
20:00	60.0	0.0	0.0
22:00	62.0	0.0	0.0
0:00	64.0	0.0	0.0
8:00	72.0	0.0	0.0
10:00	74.0	0.0	0.0
12:00	76.0	0.0	0.0
14:00	78.0	0.0	0.0
16:00	80.0	0.0	0.0
18:00	82.0	0.0	0.0
20:00	84.0	0.0	0.0
22:00	86.0	0.0	0.0
0:00	88.0	0.0	0.0
8:00	96.0	0.0	0.0
Maximum Change:		0.0	0.0

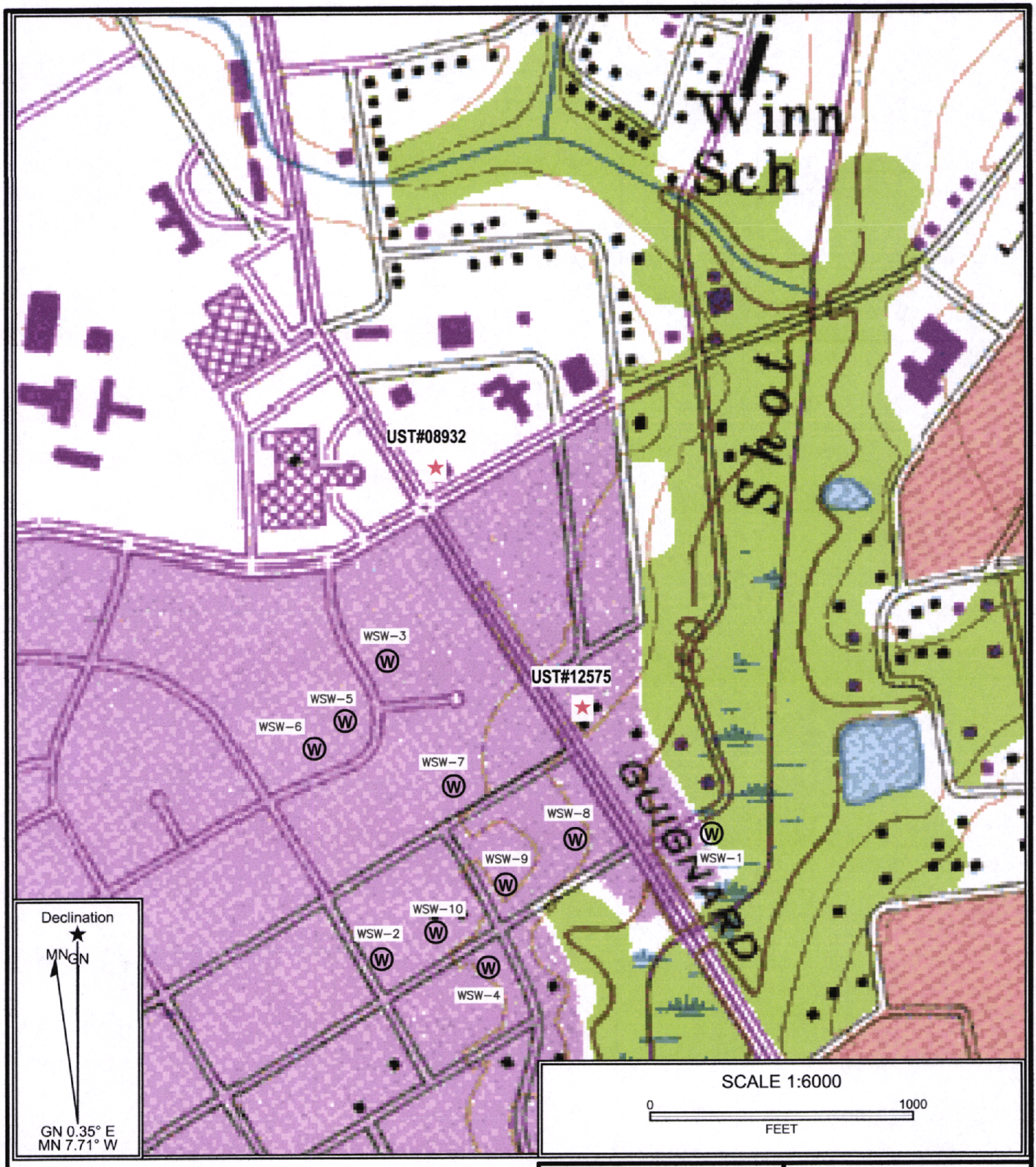
GROUNDWATER DRAWDOWN DATA

		Well Designation:	
		MW-33	TFR-11
Nearest Extraction Well:		TFR-12	TFR-12
Approximate Distance:		224 ft	53 ft
Time	Elapsed Time	Depth to Liquid (feet below of casing):	
Prior to AFVR		10.66	11.38
12:00	4 hours	10.73	11.39
16:00	8 hours	10.75	11.42
20:00	12 hours	10.74	11.53
0:00	16 hours	10.75	11.60
4:00	20 hours	***	***
8:00	24 hours	10.70	11.55
12:00	28 hours	10.73	11.57
16:00	32 hours	10.76	11.61
20:00	36 hours	10.78	11.65
0:00	40 hours	10.82	11.69
4:00	44 hours	***	***
8:00	48 hours	10.83	11.71
12:00	52 hours	10.84	11.73
16:00	56 hours	10.85	11.76
20:00	60 hours	10.88	11.76
0:00	64 hours	10.88	11.79
4:00	68 hours	***	***
8:00	72 hours	10.92	11.81
12:00	76 hours	10.93	11.82
16:00	80 hours	10.96	11.86
20:00	84 hours	11.06	11.94
0:00	88 hours	11.17	12.11
4:00	92 hours	***	***
8:00	96 hours	11.23	12.17
Maximum Change:		-0.57	-0.79

TABLE 3
EXTRACTION WELL HEAD VACUUM & STINGER DEPTH
HQ HEATH SELF SERVE #2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 20-7524
SCDHEC SITE ID NUMBER 08932

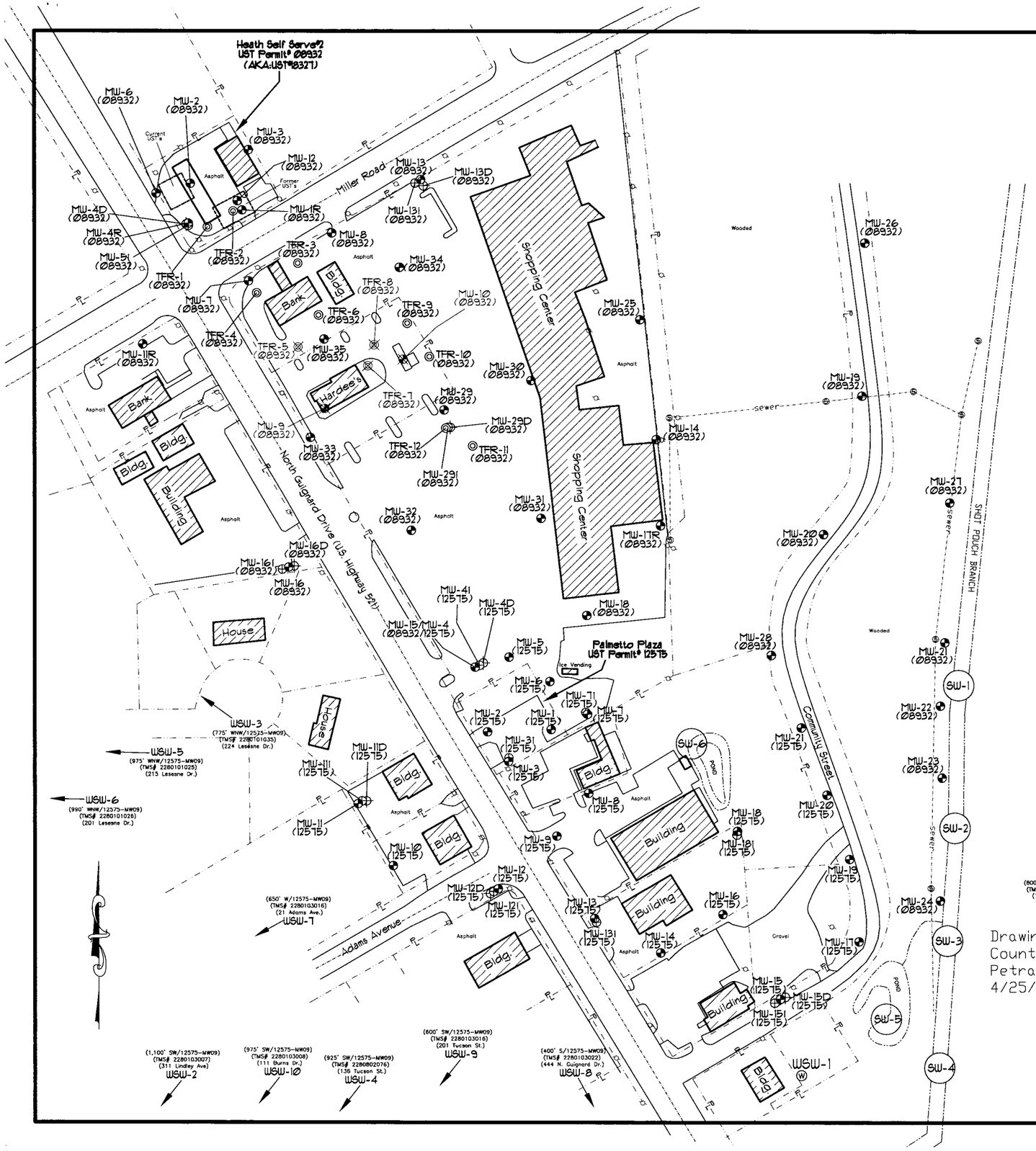
		Extraction Well		Extraction Well	
		MW-29		TFR-12	
Time	Hours	Wellhead Vacuum (in. Hg)	Stinger Depth (ft)	Wellhead Vacuum (in. Hg)	Stinger Depth (ft)
8:00	0.0	19.0	11.5	22.0	12.0
8:30	0.5	19.0	12.0	22.5	12.5
9:00	1.0	17.0	12.5	23.0	13.0
9:30	1.5	17.0	13.0	24.0	13.5
10:00	2.0	18.0	13.5	24.0	14.0
10:30	2.5	18.0	14.0	23.5	14.5
11:00	3.0	19.0	14.5	23.0	15.0
11:30	3.5	18.5	15.0	22.5	15.5
12:00	4.0	18.5	15.5	23.0	16.0
12:30	4.5	18.5	16.0	23.0	16.0
13:00	5.0	18.0	16.5	23.0	16.0
13:30	5.5	18.0	17.0	23.5	16.0
14:00	6.0	18.5	17.5	23.0	16.0
14:30	6.5	18.0	18.0	23.0	16.0
15:00	7.0	17.5	18.5	24.0	16.0
15:30	7.5	17.5	19.0	24.0	16.0
16:00	8.0	17.5	20.0	24.0	16.0
17:00	9.0	17.5	20.0	24.0	16.0
18:00	10.0	18.0	20.0	23.5	16.0
19:00	11.0	18.0	20.0	24.0	16.0
20:00	12.0	17.5	20.0	24.0	16.0
21:00	13.0	17.5	20.0	24.0	16.0
22:00	14.0	17.5	20.0	24.0	16.0
23:00	15.0	17.5	20.0	24.0	16.0
0:00	16.0	17.0	20.0	24.0	16.0
1:00	17.0	***	***	***	***
2:00	18.0	***	***	***	***
3:00	19.0	***	***	***	***
4:00	20.0	***	***	***	***
5:00	21.0	***	***	***	***
6:00	22.0	***	***	***	***
7:00	23.0	***	***	***	***
8:00	24.0	17.0	20.0	24.0	16.0
10:00	26.0	17.5	20.0	24.0	16.0
12:00	28.0	17.5	20.0	23.5	16.0
14:00	30.0	17.0	20.0	23.0	16.0
16:00	32.0	17.0	20.0	23.5	16.0
18:00	34.0	17.5	20.0	23.5	16.0
20:00	36.0	17.0	20.0	24.0	16.0
22:00	38.0	17.5	20.0	23.5	16.0
0:00	40.0	17.0	20.0	23.0	16.0
2:00	42.0	***	***	***	***
4:00	44.0	***	***	***	***
6:00	46.0	***	***	***	***
8:00	48.0	17.0	20.0	23.5	16.0
10:00	50.0	17.0	20.0	24.0	16.0
12:00	52.0	17.5	20.0	24.0	16.0
14:00	54.0	17.5	20.0	23.5	16.0
16:00	56.0	18.0	20.0	23.0	16.0
18:00	58.0	17.5	20.0	22.5	16.0
20:00	60.0	17.5	20.0	22.5	16.0
22:00	62.0	17.0	20.0	22.5	16.0
0:00	64.0	17.5	20.0	22.5	16.0
2:00	66.0	***	***	***	***
4:00	68.0	***	***	***	***
6:00	70.0	***	***	***	***
8:00	72.0	17.5	20.0	22.0	16.0
10:00	74.0	18.0	20.0	24.0	16.0
12:00	76.0	19.0	20.0	24.0	16.0
14:00	78.0	18.0	20.0	26.0	16.0
16:00	80.0	18.0	20.0	24.0	16.0
18:00	82.0	18.5	20.0	23.5	16.0
20:00	84.0	18.0	20.0	25.0	16.0
22:00	86.0	18.0	20.0	25.0	16.0
0:00	88.0	18.5	20.0	24.5	16.0
2:00	90.0	***	***	***	***
4:00	92.0	***	***	***	***
6:00	94.0	***	***	***	***
8:00	96.0	18.0	20.0	24.0	16.0

Notes: *** = Readings not required between 12am & 8am per QAPP



Reference: Sumter East, South Carolina
USGS 7.5 Min. Quad
Contour Interval – 10 Feet

Midlands Environmental Consultants, Inc.	Site Location
Heath Self Serve 2 501 North Guignard Drive, Sumter, SC SCDHEC Site ID# 08932	
Figure 1	MECI 20-7412



Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of 4-Inch Recovery Well
- Location of "Deep" Monitoring Well
- Location of Abandoned Well
- Location of "Intermediate" Monitoring Well
- (SW) Location of Surface Water Sample Collection
- Estimated Location of Removed Underground Storage Tanks
- Estimated Location of Existing Underground Storage Tanks
- —P— Property Line
- sewer Buried Sewer
- stream Stream

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Site Base Map

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 20-7524
DATE April 9, 2021
FIGURE 2

10:33 AM Mar/30/2021
TRUCK ID:16718
GROSS 76820 LB
TARE LB
NET LB

11:19 AM Mar/30/2021
TRUCK ID:16718
GROSS 76820 LB
TARE 26800 LB
NET 50020 LB

regulatory solutions, inc.

CUSTOMER NAME: MIDLANDS

GENERATOR: AFVR SUMTER

TRUCK/CONTAINER #: TE01-TK05

MANIFEST#: 32567

WEIGHER (INITIALS): JK

16718

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	803-926-0089	32567

GENERATOR

5. Generator's Name and Mailing Address
Midlands Environmental Consultant
P.O. Box 854
Lexington, SC 29071-
Generator's Phone: 803-808-2043

Generator's Site Address (if different than mailing address)
235 Looley Road
Lexington SC 29073

6. Transporter 1 Company Name: Regulatory Solutions, Inc — U.S. EPA ID Number:

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

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

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt. Vol	
1.	NON-RCRA, NOT DOT REGULATED MATERIAL 10662 - 1045	1	TT	6000	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
AFVR Sumter Tanker 1

TKS

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of the 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 condtion for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

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

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CHARLES ANDERSON — Signature — Month: 3 — Day: 30 — Year: 21

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

DESIGNATED FACILITY

17 Discrepancy

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

Manifest Reference Number:

17b: Alternate Facilty (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: SPENCER REDFERN — Signature — Month: 3 — Day: 30 — Year: 21

10:52 AM Mar/31/2021
TRUCK ID:16722
GROSS 76760 LB
TARE LB
NET LB

11:58 AM Mar/31/2021
TRUCK ID:16722
GROSS 76760 LB
TARE 26720 LB
NET 50040 LB

regulatory solutions, inc.

CUSTOMER NAME: MIDLANDS

GENERATOR: [redacted] SUNOCO

TRUCK/CONTAINER #: TP01-TK04

MANIFEST#: 32574

WEIGHER (INITIALS): [redacted]

16722

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	803-926-0089	32574

5. Generator's Name and Mailing Address

Midlands Environmental Consultant
P.O. Box 854
Lexington, SC 29071-

Generator's Phone: 803-808-2043

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

235 Dooley Road
Lexington SC 29073

6. Transporter 1 Company Name

Regulatory Solutions, Inc

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Regulatory Solutions, Inc.
40 Pascon Court
Gaston, SC 29053-

U.S. EPA ID Number

Facility's Phone: 803-926-0089

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt. Vol	
1.	NON-RCRA, NOT DOT REGULATED MATERIAL 10662 - 1045	1	TT	6000	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

AFVR Sumter Tanker 2

TKO4

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of the 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 condtion for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name | Signature | Month 3 | Day 31 | Year 21

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: Bill Bankman | Signature | Month 3 | Day 31 | Year 21

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 Facilty (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: Spencer Redfern | Signature | Month 3 | Day 31 | Year 21

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

11:08 AM Apr/01/2021
TRUCK ID:16720
GROSS 78620 LB
TARE LB
NET LB

12:27 AM Apr/01/2021
TRUCK ID:16720
GROSS 78620 LB
TARE 26680 LB
NET 51940 LB

regulatory solutions, inc.

CUSTOMER NAME: MIDLANDS

GENERATOR: AEVR SUMTER

TRUCK/CONTAINER #: TI-01, TK05

MANIFEST#: 32581

WEIGHER (INITIALS): ON

16720

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	803-926-0089	32591

GENERATOR

5. Generator's Name and Mailing Address

Midlands Environmental Consultant
P.O. Box 854
Lexington, SC 29071-

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

235 Dooley Road
Lexington SC 29073

Generator's Phone: ~~803 808 2043~~

6. Transporter 1 Company Name: Regulatory Solutions, Inc — U.S. EPA ID Number:

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

8. Designated Facility Name and Site Address

Regulatory Solutions, Inc.
43 Pascon Court
Gaston, SC 29053-

U.S. EPA ID Number:

Facility's Phone: 803-926-0089

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt. Vol	
1.	NON-RCRA, NOT DOT REGULATED MATERIAL 10662 - 1045	-	PT	5228	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

AFVR Sumter tanker 3

TKOS

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of the 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 condtion for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Russ Grosslight — Signature: X Russ Grosslight — Month: 4 — Day: 1 — Year: 21

INTL

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CHARLES ANDERSON — Signature: Charles Anderson — Month: 4 — Day: 1 — Year: 21

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

DESIGNATED FACILITY

17 Discrepancy

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

Manifest Reference Number:

17b: Alternate Facilty (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: SPENCER REDFEARN — Signature — Month: 4 — Day: 1 — Year: 21

10:06 AM Apr/02/2021
TRUCK ID:16721
GROSS 79660 LB
TARE LB
NET LB

11:12 AM Apr/02/2021
TRUCK ID:16721
GROSS 79660 LB
TARE 26840 LB
NET 52820 LB

regulatory solutions, inc.

CUSTOMER NAME: MIDLANDS

GENERATOR: AFW SUTTER

TRUCK/CONTAINER #: TF-01, TICK

MANIFEST#: 32588

WEIGHER (INITIALS): BT

16721

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	803-926-0089	32588

GENERATOR

5. Generator's Name and Mailing Address

Midlands Environmental Consultant
P.O. Box 854
Lexington, SC 29071-

Generator's Phone: ~~803-808-2043~~

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

235 Dooley Road
Lexington SC 29073

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

Regulatory Solutions, Inc

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

8. Designated Facilty Name and Site Address — U.S. EPA ID Number

Regulatory Solutions, Inc.
40 Pascon Court
Gaston, SC 29053-

Facility's Phone: 803-926-0089

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt. Vol	
1.	NON-RCRA, NOT DOT REGULATED MATERIAL 10662 - 1045	1	TT	6332	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

ADVR Sumter Final Tanker

TK04

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of the 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 condtion for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Hunter Sloan — Signature: Hunter Sloan — Month: 4 Day: 2 Year: 21

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Richard L. Beane — Signature: [signature] — Month: 4 Day: 2 Year: 21

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

DESIGNATED FACILITY

17 Discrepancy

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

Manifest Reference Number:

17b: Alternate Facilty (or Generator) — U.S EPA ID Number

Facility's Phone

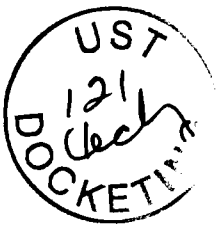
17c: Signature of Alternate Facility (or Generator) — Month — Day — Year

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

Printed/Typed Name: Spencer Redfern — Signature: [signature] — Month: 4 Day: 2 Year: 21

dhec
Healthy People. Healthy Communities.

APR 26 2021



COCA COLA BOTTLING CO CONSOLIDATED
PO BOX 31487
CHARLOTTE NC 28231

Re: **Site-Specific Work Plan Request for Groundwater Sampling**
H Q Heath Self Serv 2, 501 N Guignard Dr., Sumter, SC
UST Permit #08932
Release reported July 31, 1996
AFVR Report received April 14, 2021
Sumter County

To Whom it May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels.

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations R.61-92, implementation of groundwater sampling is necessary. The groundwater sampling must be conducted in accordance with the most recent revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and in compliance with all applicable regulations. A copy of the UST QAPP is available at SCDHEC.gov/Environment/Land-Waste/Underground-Storage-Tanks/Release-Assessment-Clean/Quality-Assurance.

Groundwater samples should be collected from all monitoring wells and recovery wells associated with this release along with all water supply wells and surface waters within 1,000 feet of the site. Samples should be analyzed for BTEX, Naphthalene, MTBE, 1,2-DCA, the 8 oxygenates, and EDB. Only wells with screens that do not bracket the water table should be purged prior to sampling.

Your contractor must complete the SSWP and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence concerning this site, please reference UST Permit #08932. If there are any questions concerning this project, feel free to contact me by telephone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at feltzal@dhec.sc.gov.

Sincerely,

Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Midlands Environmental Consultants, Inc., P.O. Box 854, Lexington, SC 29071
Technical file

Amanda

Midlands Environmental Consultants, Inc.

May 18, 2021

Ms. Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

UST 0123 Tech DOCKETING

Subject: Site-Specific Work Plan
HQ Heath Self Serve 2
Sumter, South Carolina
SCDHEC Site ID Number 08932
MECI Project Number 21-7607
Certified Site Rehabilitation Contractor UCC-0009

RECEIVED
MAY 18 2021
SC Department of
Health & Environmental Control

Dear Ms. Feltz,

Midlands Environmental Consultants Inc. (MECI) is pleased to submit the attached Site-Specific Work Plan for the referenced site.

On May 17, 2021 MECI personnel performed a site visit to the subject site to evaluate site conditions, locate monitoring wells and identify potential problems for future groundwater sampling activities.

Please feel free to contact us at 803-808-2043 if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.

Kyle V. Pudney
Project Biologist

Jeff C. Coleman
Senior Scientist

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

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

To: Ms. Amanda Feltz (SCDHEC Project Manager)
From: Jeff L. Coleman (Contractor Project Manager)
Contractor: Midlands Environmental Consultants, Inc. UST Contractor Certification Number: 009

Facility Name: HQ Heath Self Serv 2 UST Permit #: 08932
Facility Address: 501 N Guignard Drive, Sumter, SC 29150
Responsible Party: Coca Cola Bottling Company Consolidated Phone: 704-557-4023
RP Address: 4115 Coca-Cola Plaza, Charlotte, NC 28211
Property Owner (if different): JJ & P Properties LLC
Property Owner Address: 206 Tucson Drive, Sumter, SC 29150
Current Use of Property: Active 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 (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)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☑ EDB (504.1)

Soil:

- ☐ BTEXNM
- ☐ Lead
- ☐ RCRA Metals
- ☐ PAH
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☐ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

____ Soil	3 Water Supply Wells	____ Air	2 Field Blank
49 Monitoring Wells	6 Surface Water	4 Duplicate	4 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 #: 08932 Facility Name: HQ Heath Self Serv 2

Implementation Schedule (Number of calendar days from approval)
Field Work Start-Up: 5/18/2021 Field Work Completion: 6/18/2021
Report Submittal: 7/18/2021 # of Copies Provided to Property Owners: _____

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

Investigation Derived Waste Disposal
Soil: _____ Tons Purge Water: 500.0 Gallons
Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work
For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.

-During the initial site visit, monitoring wells MW-19, MW-21, MW-22, MW-23, MW-24, and MW-27 were unable to be located. MECI will send extra personnel in order to locate any existing wells. All other wells were located and found in good condition.
-Only wells with screens that do not bracket the water table will be purged prior to sampling.
-MECI will attempt to sample three water supply wells (WSW-3, WSW-5, and WSW-6) and six surface water features (SW-1 through SW-6).
-Monitoring well and surface water samples collected will be analyzed for BTEXNM, 1-2 DCA, 8 Oxy's (8260D) & EDB (8011).
-Water supply well samples collected will be analyzed for BTEXNM, 1-2 DCA (524.2), 8 Oxy's (8260D), and EDB (504.1).

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: _____

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

None 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

dhec
Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: HQ Heath Self Serve

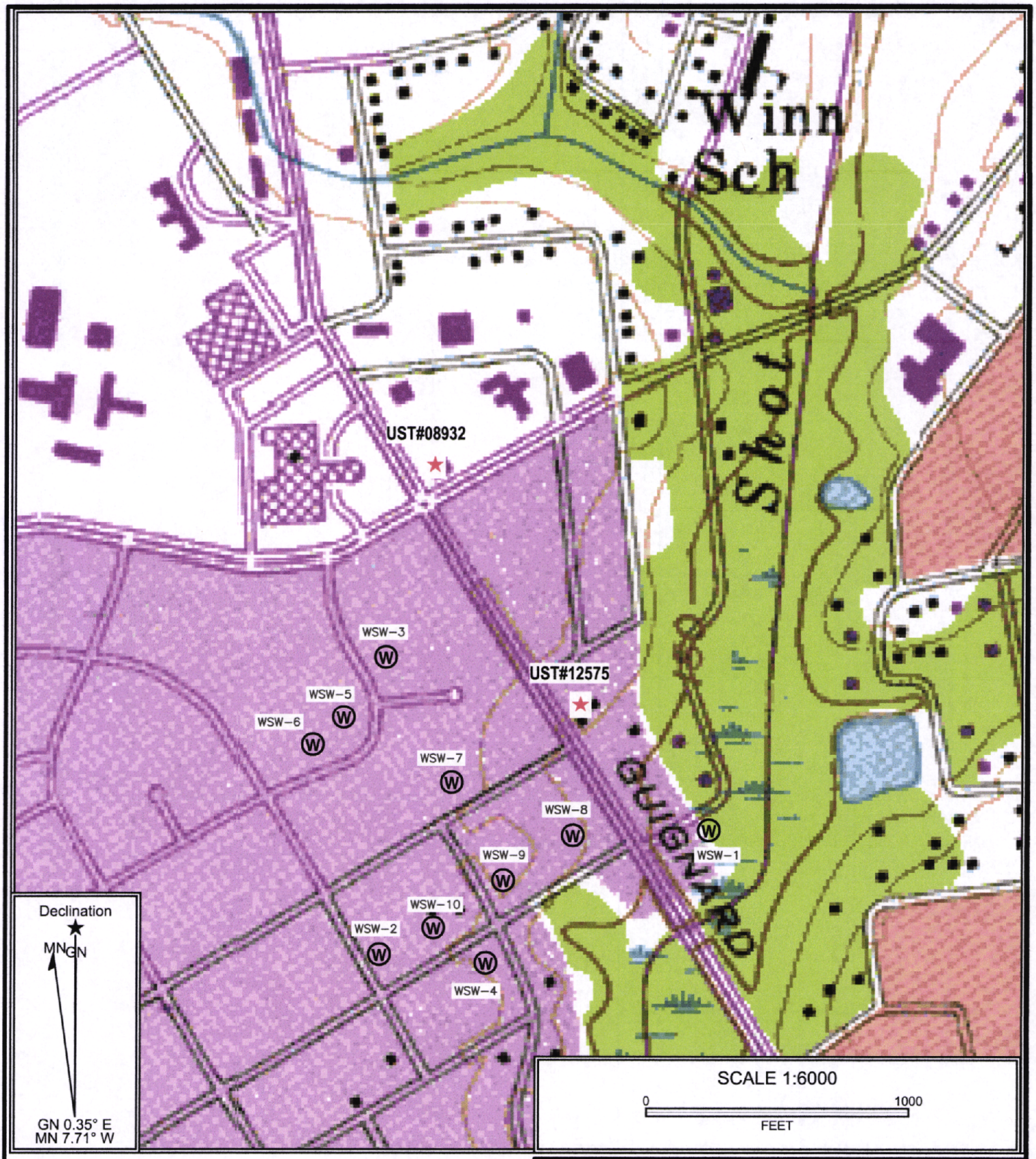
UST Permit #: 08932 **Cost Agreement #:** Proposal

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. **Plan Preparation**					
1. Site-specific Work Plan	1	each	$160.05		$160.05
2. Tax Map		each	$74.69		$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
B. **Receptor Survey ***		each	$587.92		$0.00
C. **Survey (500 ft x 500 ft)**					
1. Comprehensive Survey		each	$1,109.68		$0.00
Subsurface Geophysical Survey					
2. < 10 meters below grade		each	$1,387.10		$0.00
3. > 10 meters below grade		each	$2,464.77		$0.00
4. Geophysical UST or Drum Survey		each	$970.97		$0.00
D. **Mob/Demob**					
1. Equipment		each	$1,088.34		$0.00
2. Personnel	4	each	$451.34		$1,805.36
3. Adverse Terrain Vehicle		each	$533.50		$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34		$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***					
1. Standard		per foot	$16.01		$0.00
2. Fractured Rock		per foot	$21.55		$0.00
G. **Soil Leachability Model**		each	$64.02		$0.00
H. **Abandonment (per foot)***					
1. 2" diameter or less		per foot	$3.31		$0.00
2. Greater than 2" to 6" diameter		per foot	$4.80		$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00		$0.00
I. **Well Installation (per foot)***					
1. Water Table (hand augered)		per foot	$11.31		$0.00
2. Water Table (drill rig) 2" Diameter		per foot	$40.55		$0.00
3. Telescoping		per foot	$53.35		$0.00
4. Rock Drilling		per foot	$61.89		$0.00
5. 2" Rock Coring		per foot	$32.97		$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64		$0.00
7. Recovery Well (4" diameter)		per foot	$48.02		$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01		$0.00
9. Rotosonic (2" diameter)		per foot	$46.95		$0.00
10. Re-develop Existing Well		per foot	$11.74		$0.00
J. **Groundwater Sample Collection / Gauge Depth to Water or Product ***					
1. Groundwater Purge	10	per well	$64.02		$640.20
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate	4	sample	$23.47		$93.88
4. Groundwater No Purge or Duplicate or Grab	48	sample	$29.88		$1,434.24
5. Gauge Well only		sample	$7.47		$0.00
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank	2	sample	$26.25		$52.50
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank		sample	$26.25		$0.00

K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	62	per sample	$130.17		$8,070.54
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011	59	per sample	$48.23		$2,845.57
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)	6	per sample	$132.36		$794.16
15. 7-OXYGENATES & ETHANOL (8260B)	6	per sample	$97.90		$587.40
16. EDB (504.1)	5	per sample	$84.83		$424.15
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. **Analyses-Soil**					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer		per sample	$110.97		$0.00
24. Total Organic Carbon		per sample	$32.65		$0.00
K. **Analyses-Air**					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. **Analyses-Free Phase Product**					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. **Aquifer Characterization***					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test		per test	$203.80		$0.00
3. Fractured Rock		per test	$106.70		$0.00
M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***		each	$260.00		$0.00
Q. **Disposal (gallons or tons)***					
1. Wastewater	500	gallon	$0.60		$300.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal		ton	$64.02		$0.00
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00

22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00
X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00
6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*		each	$53.35		$0.00
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*		each	$125.91		$0.00
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock		each	$16.00		$0.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*		each	$160.05		$0.00
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$17,208.05		$2,064.97
TOTAL					$19,273.02

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary



Reference: Sumter East, South Carolina
USGS 7.5 Min. Quad
Contour Interval – 10 Feet

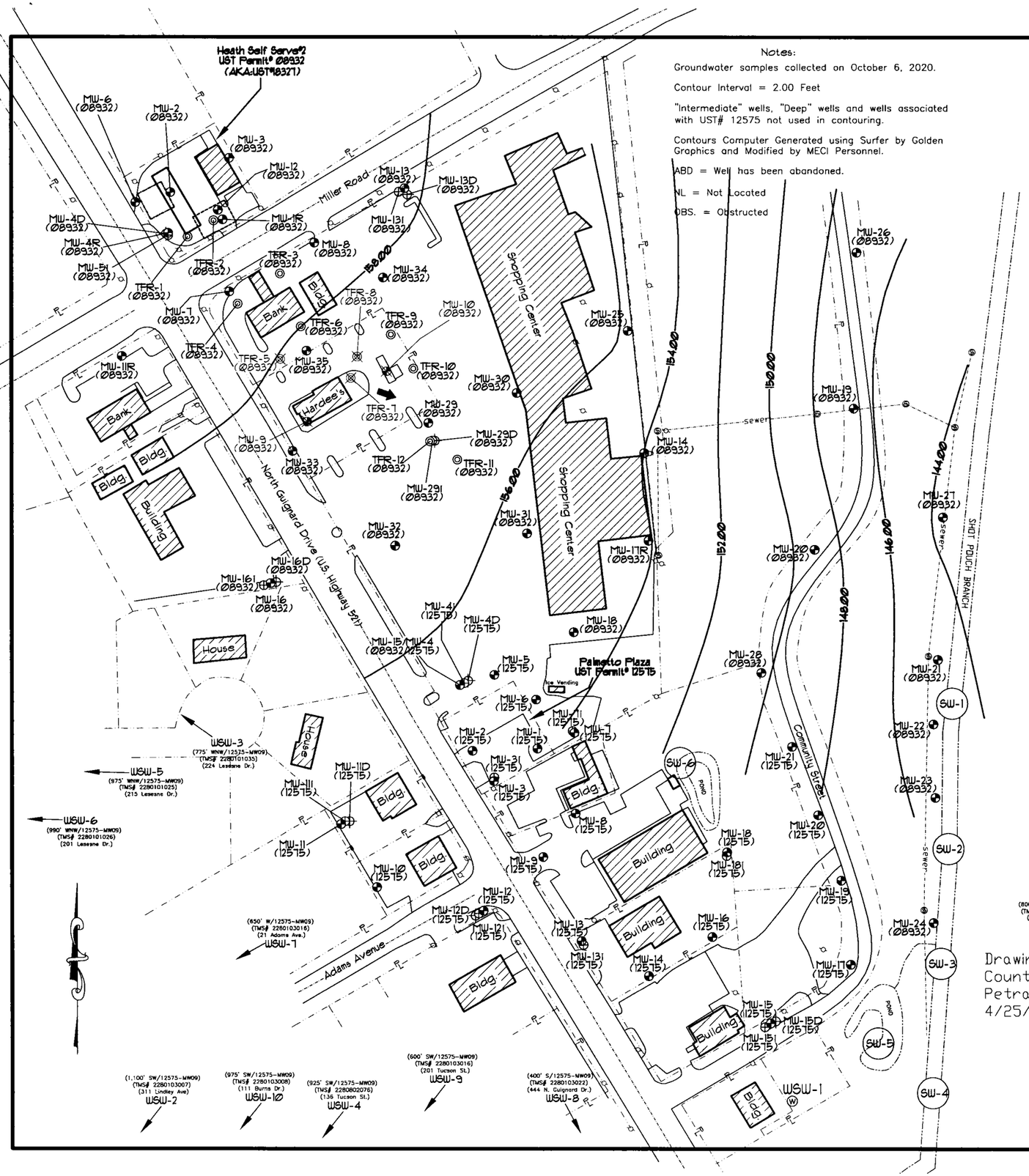
Midlands Environmental Consultants, Inc.

Site Location

Heath Self Serve 2
501 North Guignard Drive, Sumter, SC
SCDHEC Site ID# 08932

Figure 1

MECI 21-7607



Notes:

Groundwater samples collected on October 6, 2020.

Contour Interval = 2.00 Feet

"Intermediate" wells, "Deep" wells and wells associated with UST# 12575 not used in contouring.

Contours Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

ABD = Well has been abandoned.

NL = Not Located

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

——— Groundwater Elevation Contour (feet)

POTENTIOMETRIC DATA

Well Number	Screened Interval	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Well-head Elevation	Groundwater Elevation
MW-1R	13-23	---	12.94	---	171.85	158.91
MW-2	14-24	---	12.80	---	171.75	158.95
MW-3	14-24	---	14.50	---	173.70	159.20
MW-4R	12-22	---	12.22	---	171.22	159.00
MW-4D	52-57	---	13.51	---	171.17	157.66
MW-5i	40-45	---	12.59	---	171.15	158.56
MW-6	12-22	---	12.04	---	171.25	159.21
MW-7	12-22	---	12.83	---	171.23	158.40
MW-8	13-23	---	13.71	---	172.15	158.44
MW-9	13-23	---	Abandoned	---	170.53	Abandoned
MW-10	13-23	---	Abandoned	---	170.31	Abandoned
MW-11R	13-23	---	11.60	---	170.33	158.73
MW-12	10-30	---	13.35	---	172.28	158.93
MW-13	13-23	---	14.20	---	172.43	158.23
MW-13i	40-45	---	14.44	---	172.40	157.96
MW-13D	53-58	---	15.12	---	172.34	157.22
MW-14	10-20	---	10.12	---	164.01	153.89
MW-15	8-18	---	8.41	---	163.92	155.51
MW-16	10-20	---	10.11	---	166.77	156.66
MW-16i	40-45	---	10.02	---	166.66	156.64
MW-16D	55-60	---	10.83	---	166.78	155.95
MW-17R	10-20	---	9.64	---	163.81	154.17
MW-18	10-20	---	10.10	---	165.04	154.94
MW-19	3-13	---	2.88	---	149.34	146.46
MW-20	3-13	---	3.75	---	153.24	149.49
MW-21	3-13	---	NL	---	145.46	NL
MW-22	3-13	---	1.10	---	145.86	144.76
MW-23	3-13	---	0.00	---	145.47	145.47
MW-24	3-13	---	NL	---	144.62	NL
MW-25	6-16	---	6.28	---	162.47	156.19
MW-26	5-15	---	3.46	---	150.23	146.77
MW-27	6-16	---	2.60	---	146.19	143.59
MW-28	2-12	---	3.45	---	153.73	150.28
MW-29	10-20	---	12.11	---	169.20	157.09
MW-29i	40-45	---	12.14	---	169.12	156.98
MW-29D	55-60	---	13.42	---	169.08	155.66
MW-30	10-20	---	11.68	---	168.05	156.37
MW-31	10-20	---	12.09	---	167.65	155.56
MW-32	10-20	---	11.28	---	168.07	156.79
MW-33	10-20	---	11.64	---	169.33	157.69
MW-34	10-20	---	12.54	---	170.36	157.82
MW-35	10-20	---	13.32	---	171.18	157.86
TFR-1	TD: 24.40'	---	12.55	---	171.56	159.01
TFR-2	TD: 24.00'	---	13.20	---	172.02	158.82
TFR-3	TD: 25.20'	---	13.12	---	171.48	158.36
TFR-4	TD: 24.30'	---	13.02	---	171.35	158.33
TFR-5	TD: 25.00'	---	Abandoned	---	171.34	Abandoned
TFR-6	TD: 22.18'	---	13.03	---	171.03	158.00
TFR-7	TD: 25.00'	---	Abandoned	---	170.92	Abandoned
TFR-8	TD: 25.00'	---	Abandoned	---	170.74	Abandoned
TFR-9	TD: 25.01'	---	12.35	---	169.85	157.50
TFR-10	TD: 24.92'	---	11.78	---	168.99	157.21
TFR-11	TD: 25.03'	---	12.04	---	168.71	156.67
TFR-12	TD: 25.03'	11.93	12.58	0.65	169.21	157.18

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Potentiometric Data Site Map
(Groundwater Contour-"Shallow" Zone)

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 21-7607

DATE May 18, 2021

FIGURE 5

Domenico Model

UST # 08932
Site Name: HQ
Modeler: Amanda Feltz
Date: 12.14.2020

Groundwater Flow Parameters

K	9500	ft/yr
dh/dx	0.007	
θ	0.45	dec. %
v_x	147.7777778	ft/yr

Transport Parameters

x_{max}	765	ft
y_{max}	360	ft
z	0	ft
Source Width	30	ft
Source Thickness	15	ft
Plume Length	652.5	ft
α_x	20.30361	ft
α_y	2.030361	ft
α_z	1.00E-99	ft

Simulation Time

t_{sim} 38.3 yrs

Aquifer Characteristics

ρ_d	1.6	kg/L
f_{oc}	0.0002	

Source Area CoC Data

CoC	C_{source} (mg/L)	K_{oc} (L/kg)
Benzene	44.39	81
Toluene	26.54	133
Ethylbenzene	3.7	176
Xylenes	8.06	639
Naphthalene	2.5	1543
MtBE	0.5	11
EDB	0.0624	28
1,2-DCA	3.7	17.5

Retarded Velocity (ft/yr)

CoC	R	v_R
Benzene	1.058	139.73
Toluene	1.095	135.01
Ethylbenzene	1.125	131.34
Xylenes	1.454	101.61
Naphthalene	2.097	70.46
MtBE	1.008	146.63
EDB	1.020	144.89
1,2-DCA	1.012	145.96

Simulation Points for Breakthrough Curves

x		ft
y		ft
z		ft

x		ft
y		ft
z		ft

$$C(x,y,z,t) = \left(\frac{C_0}{8}\right)\exp\left[\left(\frac{x}{2\alpha_x}\right)\left(1-\sqrt{1+\frac{4\lambda\alpha_x}{v}}\right)\right] erfc\left[\frac{x-vt\sqrt{1+\frac{4\lambda\alpha_x}{v}}}{2\sqrt{\alpha_x vt}}\right]\left\{erf\left[\frac{y+\frac{Y}{2}}{2\sqrt{\alpha_y x}}\right]-erf\left[\frac{y-\frac{Y}{2}}{2\sqrt{\alpha_y x}}\right]\right\}\left\{erf\left[\frac{z+Z}{2\sqrt{\alpha_z x}}\right]-erf\left[\frac{z-Z}{2\sqrt{\alpha_z x}}\right]\right\}$$



Benzene Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	44.39	44.39
76.5		20.037
153		11.176
229.5		6.938
306		4.525
382.5	3.03	3.036
459		2.075
535.5		1.437
612		1.005
688.5	0.152	0.707
765		0.501

Temporal Calibration Data

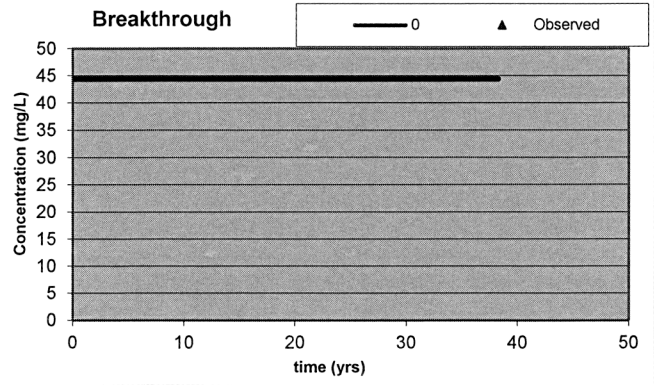
		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		44.39		44.39
3.83		44.390		44.390
7.66		44.390		44.390
11.49		44.390		44.390
15.32		44.390		44.390
19.15		44.390		44.390
22.98		44.390		44.390
26.81		44.390		44.390
30.64		44.390		44.390
34.47		44.390		44.390
38.3		44.390		44.390

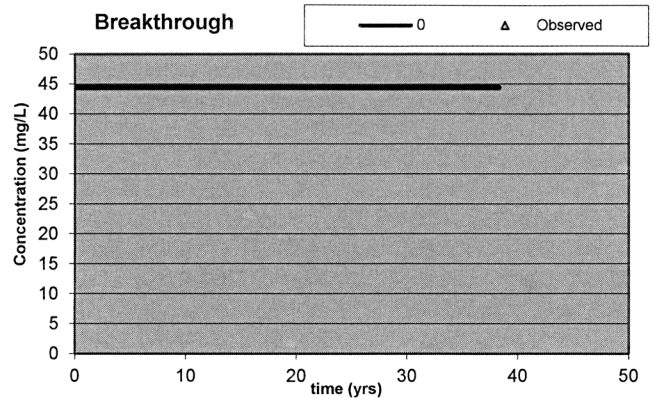
Site ID 08932

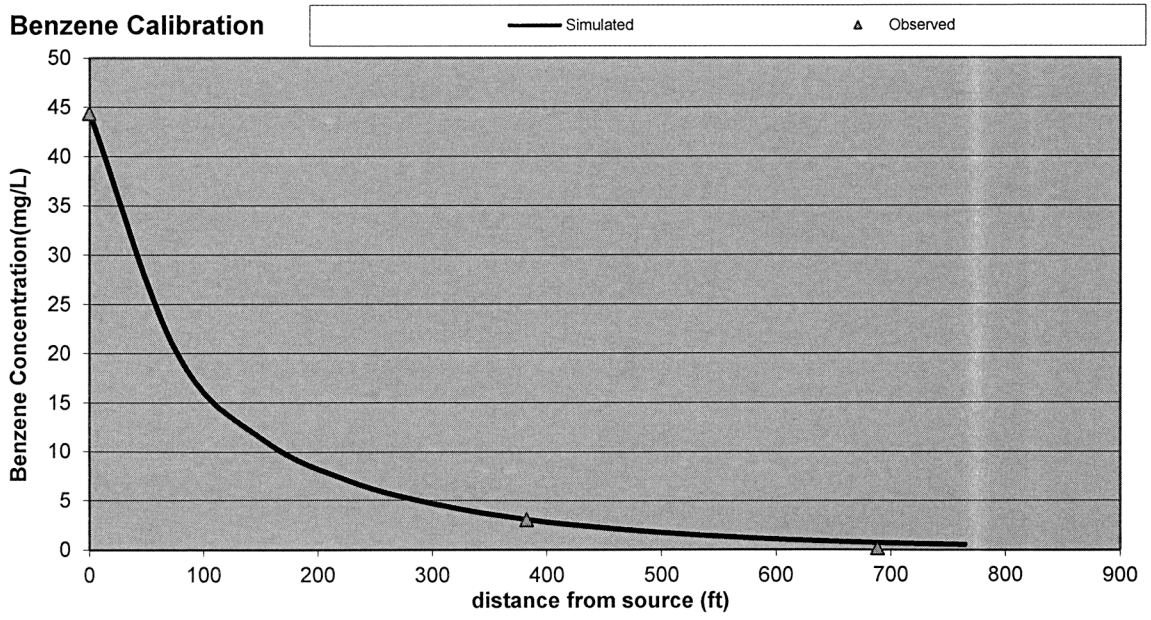
Site Name HQ

Model Calibration Parameters

$t_{1/2}$	1.2	yrs	λ	0.5775	yr^{-1}
v_x	147.7778	ft/yr			
R	1.058				
v_R	139.729	ft/yr	C_{source}	44.39	mg/L
L_p	652.5	ft			
α_x	20.30361	ft	t_{sim}	38.3	yrs
α_y	2.030361	ft			
α_z	1E-99	ft			







Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	3.9E-13	9.44E-12	1.06E-10	6.91E-10
180	0	4.4432E-10	5.9527E-07	1.94E-05	0.00014111	0.0004818	0.001064	0.001788	0.002501	0.003077
0	20.0370874	11.1761586	6.93815347	4.52508994	3.03628564	2.0752691	1.436932	1.004547	0.707488	0.501213
180	0	4.4432E-10	5.9527E-07	1.94E-05	0.00014111	0.0004818	0.001064	0.001788	0.002501	0.003077
360	0	0	0	0	0	0	3.9E-13	9.44E-12	1.06E-10	6.91E-10

Toluene Calibration

Spatial Calibration Data (centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	26.54	26.54
76.5		12.730
153		7.545
229.5		4.977
306		3.449
382.5	2.45	2.459
459		1.786
535.5		1.314
612		0.976
688.5	0.005	0.731
765		0.550

Temporal Calibration Data

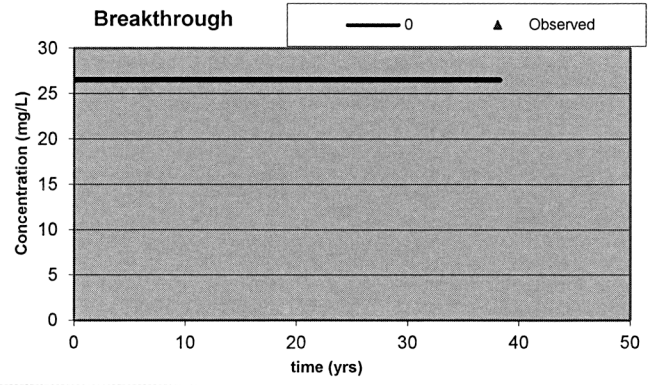
		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		26.54		26.54
3.83		26.540		26.540
7.66		26.540		26.540
11.49		26.540		26.540
15.32		26.540		26.540
19.15		26.540		26.540
22.98		26.540		26.540
26.81		26.540		26.540
30.64		26.540		26.540
34.47		26.540		26.540
38.3		26.540		26.540

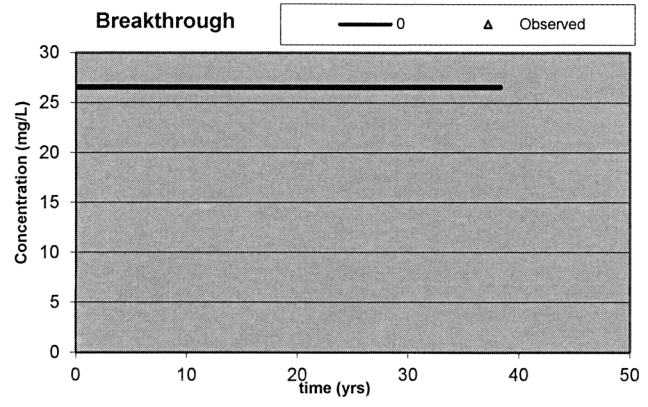
Site ID 08932

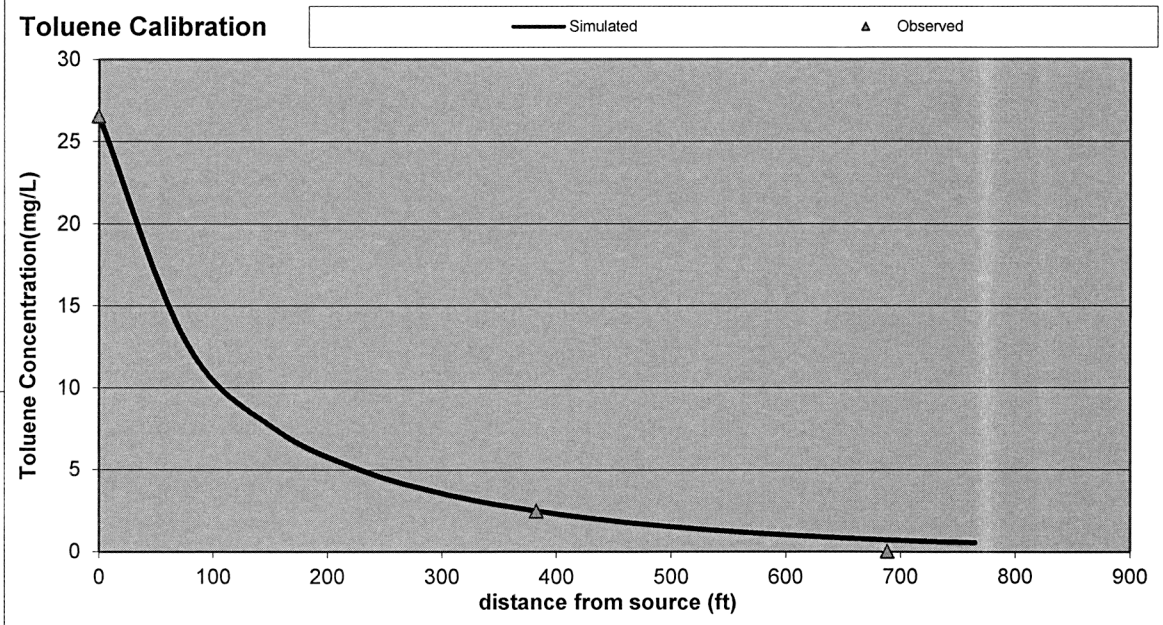
Site Name HQ

Model Calibration Parameters

$t_{1/2}$	**1.59**	yrs	λ	0.43585	yr^{-1}
v_x	147.7778	ft/yr			
R	1.095				
v_R	135.009	ft/yr	C_{source}	26.54	mg/L
L_p	652.5	ft			
α_x	20.30361	ft	t_{sim}	38.3	yrs
α_y	2.030361	ft			
α_z	1E-99	ft			







Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	3.57E-13	9.17E-12	1.09E-10	7.58E-10
180	0	2.9996E-10	4.2703E-07	1.4788E-05	0.0001143	0.0004147	0.000973	0.001738	0.002583	0.003376
0	12.7299213	7.54499637	4.97720737	3.4494067	2.45943396	1.7862503	1.314255	0.976312	0.730656	0.550037
180	0	2.9996E-10	4.2703E-07	1.4788E-05	0.0001143	0.0004147	0.000973	0.001738	0.002583	0.003376
360	0	0	0	0	0	0	3.57E-13	9.17E-12	1.09E-10	7.58E-10

Ethylbenzene Calibration

Spatial Calibration Data (centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	3.7	3.7
76.5		1.830
153		1.119
229.5		0.761
306		0.544
382.5	0.525	0.400
459		0.300
535.5		0.228
612		0.174
688.5	0.0507	0.135
765		0.105

Temporal Calibration Data

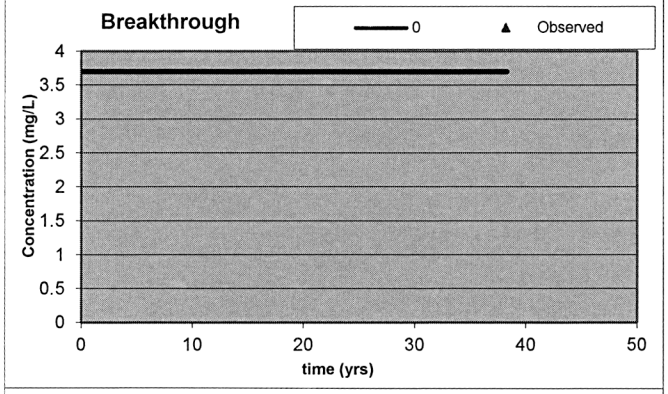
	0		0	
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		3.7		3.7
3.83		3.700		3.700
7.66		3.700		3.700
11.49		3.700		3.700
15.32		3.700		3.700
19.15		3.700		3.700
22.98		3.700		3.700
26.81		3.700		3.700
30.64		3.700		3.700
34.47		3.700		3.700
38.3		3.700		3.700

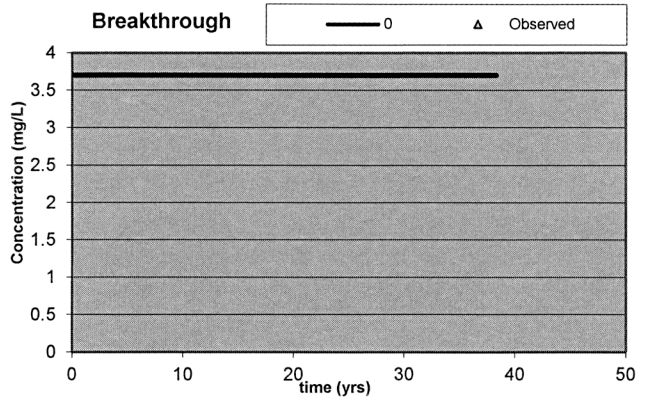
Site ID 08932

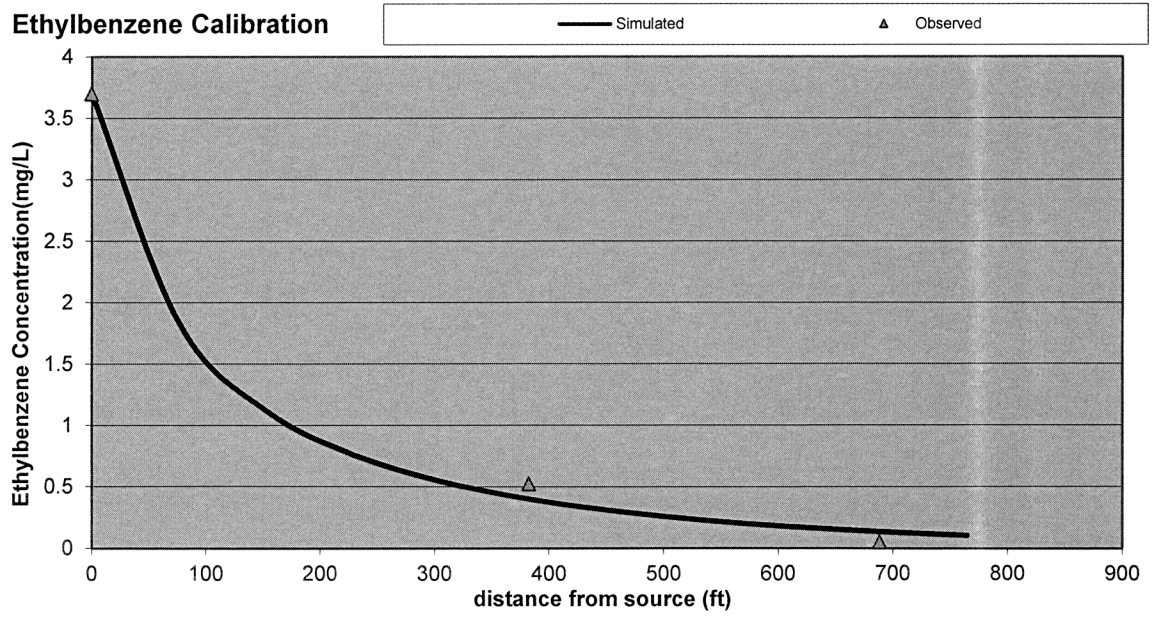
Site Name HQ

Model Calibration Parameters

$t_{1/2}$	1.9	yrs	λ	0.36474	yr^{-1}
v_x	147.7778	ft/yr			
R	1.125				
v_R	131.340	ft/yr	C_{source}	3.7	mg/L
L_p	652.5	ft			
α_x	20.30361	ft	t_{sim}	38.3	yrs
α_y	2.030361	ft			
α_z	1E-99	ft			







Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	6.18E-14	1.64E-12	2.01E-11	1.44E-10
180	0	4.4489E-11	6.5326E-08	2.3334E-06	1.8602E-05	6.961E-05	0.000169	0.00031	0.000476	0.000641
0	1.83049842	1.11903973	0.7614038	0.54427268	0.40026732	0.2998473	0.227552	0.174354	0.134586	0.104501
180	0	4.4489E-11	6.5326E-08	2.3334E-06	1.8602E-05	6.961E-05	0.000169	0.00031	0.000476	0.000641
360	0	0	0	0	0	0	6.18E-14	1.64E-12	2.01E-11	1.44E-10

Xylenes Calibration

Spatial Calibration Data (centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	8.06	8.06
76.5		3.208
153		1.578
229.5		0.864
306		0.497
382.5	0.293	0.294
459		0.177
535.5		0.108
612		0.067
688.5	0.005	0.041
765		0.026

Temporal Calibration Data

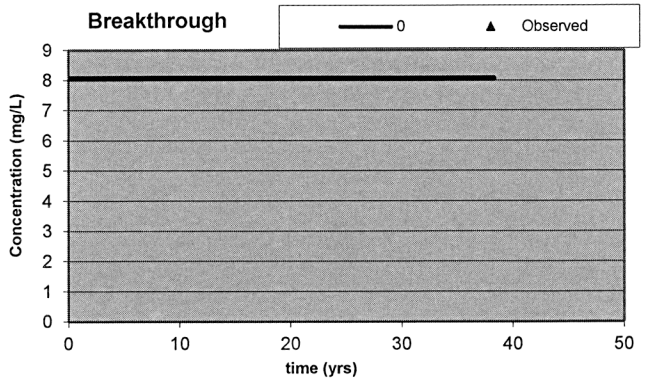
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
		0		0
0		8.06		8.06
3.83		8.060		8.060
7.66		8.060		8.060
11.49		8.060		8.060
15.32		8.060		8.060
19.15		8.060		8.060
22.98		8.060		8.060
26.81		8.060		8.060
30.64		8.060		8.060
34.47		8.060		8.060
38.3		8.060		8.060

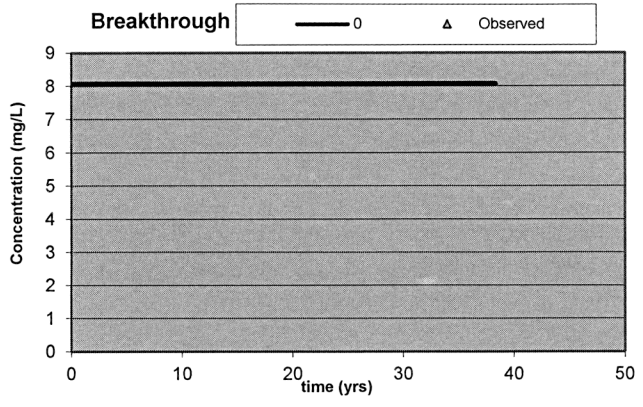
Site ID 08932

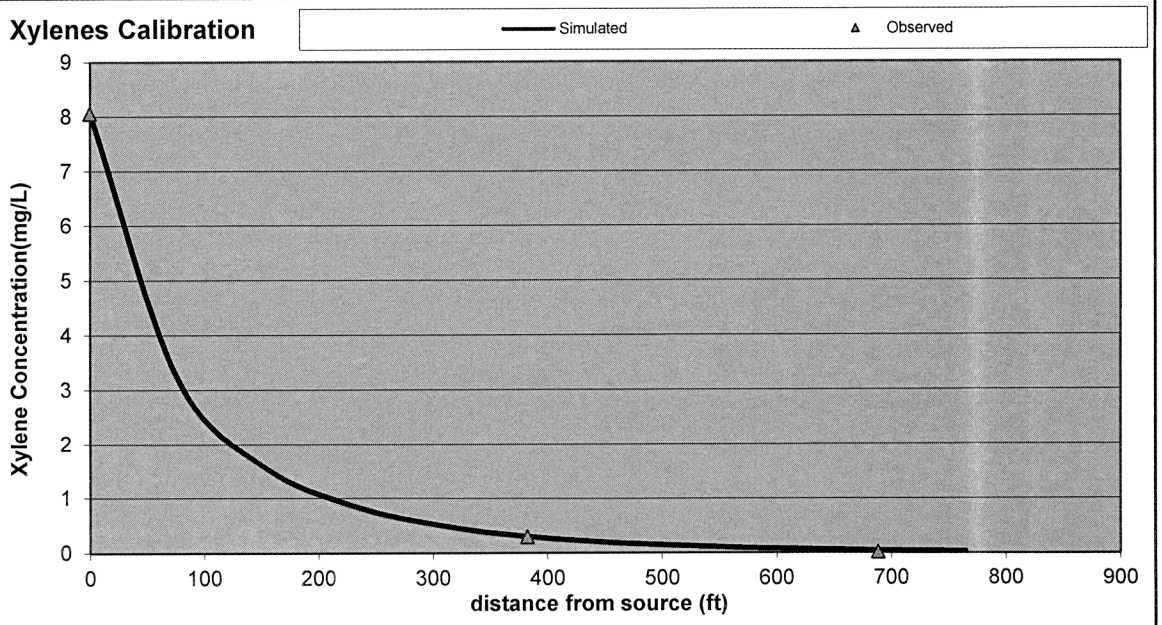
Site Name HQ

Model Calibration Parameters

$t_{1/2}$	1.12	yrs	λ	0.61875	yr^{-1}
v_x	147.7778	ft/yr			
R	1.454				
v_R	101.607	ft/yr	C_{source}	8.06	mg/L
L_p	652.5	ft			
α_x	20.30361	ft	t_{sim}	38.3	yrs
α_y	2.030361	ft			
α_z	1E-99	ft			







Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	2.93E-14	6.26E-13	6.19E-12	3.56E-11
180	0	6.2721E-11	7.4091E-08	2.129E-06	1.3654E-05	4.11E-05	8.01E-05	0.000119	0.000146	0.000159
0	3.20787115	1.57763781	0.86355714	0.49660012	0.29380194	0.1770594	0.108097	0.066631	0.041377	0.025846
180	0	6.2721E-11	7.4091E-08	2.129E-06	1.3654E-05	4.11E-05	8.01E-05	0.000119	0.000146	0.000159
360	0	0	0	0	0	0	2.93E-14	6.26E-13	6.19E-12	3.56E-11

MtBE Calibration

Spatial Calibration Data (centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	0.5	0.5
76.5		0.276
153		0.189
229.5		0.144
306		0.115
382.5	0.093	0.094
459		0.079
535.5		0.067
612		0.057
688.5	0.0439	0.049
765		0.043

Temporal Calibration Data

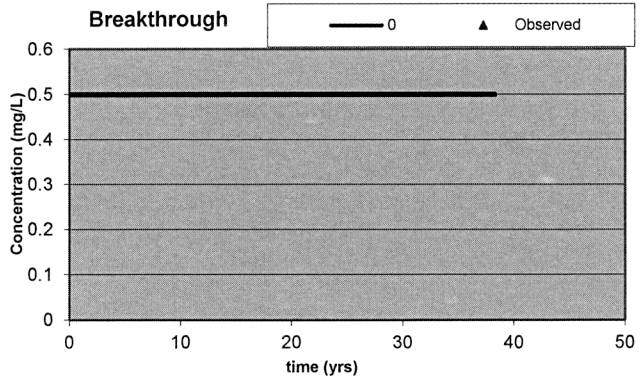
		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		0.5		0.5
3.83		0.500		0.500
7.66		0.500		0.500
11.49		0.500		0.500
15.32		0.500		0.500
19.15		0.500		0.500
22.98		0.500		0.500
26.81		0.500		0.500
30.64		0.500		0.500
34.47		0.500		0.500
38.3		0.500		0.500

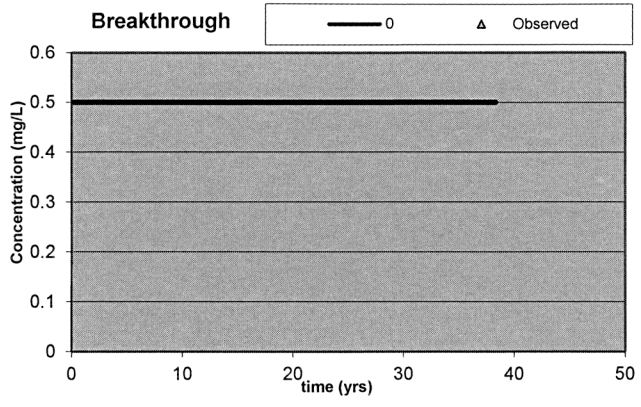
Site ID 08932

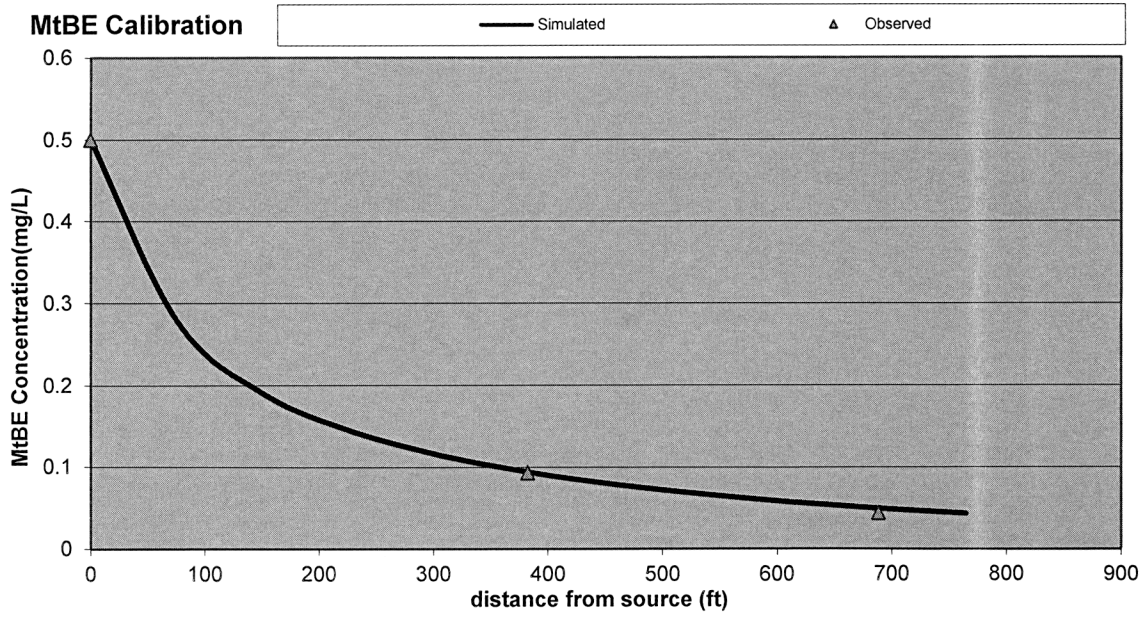
Site Name HQ

Model Calibration Parameters

$t_{1/2}$	3.9	yrs	λ	0.17769	yr^{-1}
v_x	147.7778	ft/yr			
R	1.008				
v_R	146.631	ft/yr	C_{source}	0.5	mg/L
L_p	652.5	ft			
α_x	20.30361	ft	t_{sim}	38.3	yrs
α_y	2.030361	ft			
α_z	1E-99	ft			







Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	1.82E-14	5.39E-13	7.39E-12	5.91E-11
180	0	7.5082E-12	1.2321E-08	4.9181E-07	4.3816E-06	1.832E-05	4.96E-05	0.000102	0.000175	0.000263
0	0.27643759	0.18885683	0.1436024	0.11471565	0.09427916	0.0789269	0.066937	0.057316	0.049443	0.042903
180	0	7.5082E-12	1.2321E-08	4.9181E-07	4.3816E-06	1.832E-05	4.96E-05	0.000102	0.000175	0.000263
360	0	0	0	0	0	0	1.82E-14	5.39E-13	7.39E-12	5.91E-11

Naphthalene Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	2.5	2.5
76.5		1.118
153		0.618
229.5		0.380
306		0.245
382.5	0.164	0.163
459		0.110
535.5		0.076
612		0.052
688.5	0.0369	0.037
765		0.026

Temporal Calibration Data

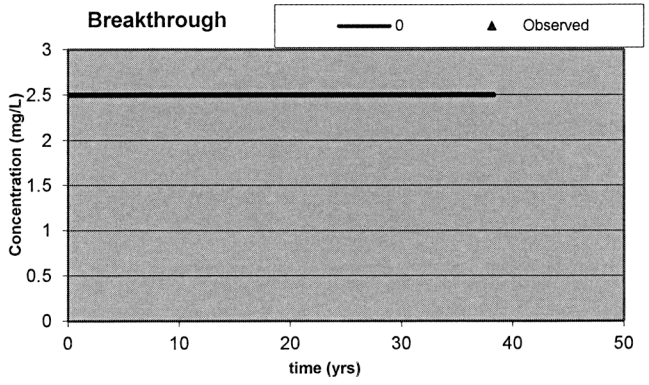
		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		2.5		2.5
3.83		2.500		2.500
7.66		2.500		2.500
11.49		2.500		2.500
15.32		2.500		2.500
19.15		2.500		2.500
22.98		2.500		2.500
26.81		2.500		2.500
30.64		2.500		2.500
34.47		2.500		2.500
38.3		2.500		2.500

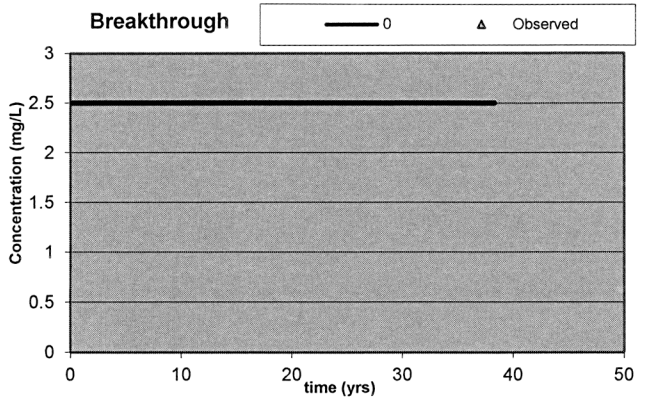
Site ID 08932

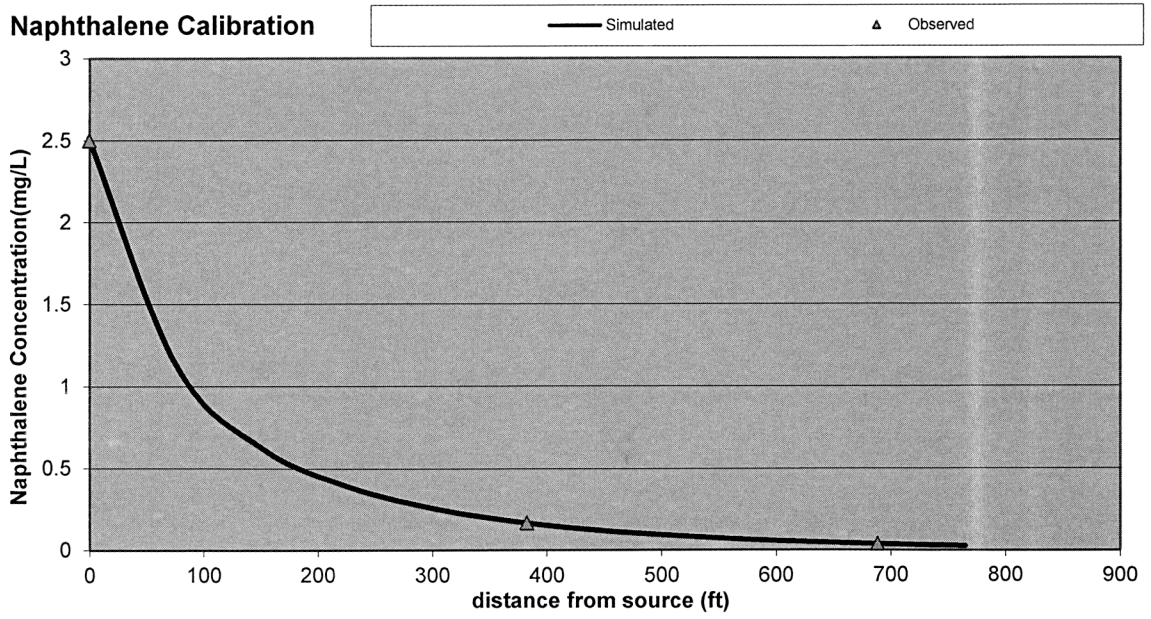
Site Name HQ

Model Calibration Parameters

$t_{1/2}$	2.3	yrs	λ	0.3013	yr^{-1}
v_x	147.7778	ft/yr			
R	2.097				
v_R	70.463	ft/yr	C_{source}	2.5	mg/L
L_p	652.5	ft			
α_x	20.30361	ft	t_{sim}	38.3	yrs
α_y	2.030361	ft			
α_z	1E-99	ft			







Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	2.06E-14	4.93E-13	5.47E-12	3.54E-11
180	0	2.4555E-11	3.2588E-08	1.052E-06	7.5804E-06	2.564E-05	5.61E-05	9.34E-05	0.000129	0.000158
0	1.11785386	0.61764448	0.3798267	0.24539425	0.16310804	0.110434	0.075746	0.052455	0.036596	0.025682
180	0	2.4555E-11	3.2588E-08	1.052E-06	7.5804E-06	2.564E-05	5.61E-05	9.34E-05	0.000129	0.000158
360	0	0	0	0	0	0	2.06E-14	4.93E-13	5.47E-12	3.54E-11

EDB Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	0.0624	0.06240
76.5		0.02372
153		0.01114
229.5		0.00582
306		0.00320
382.5	0.00022	0.00181
459		0.00104
535.5		0.00061
612		0.00036
688.5	0.00002	0.00021
765		0.00013

Temporal Calibration Data

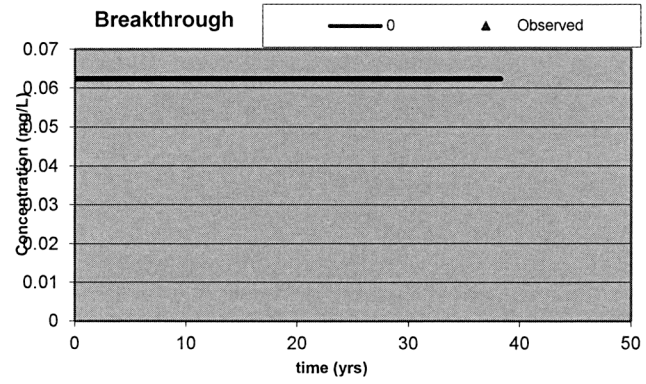
t (yrs)	0 C_{obs} (mg/L)	0 C_{sim} (mg/L)	0 C_{obs} (mg/L)	0 C_{sim} (mg/L)
0		0.06240		0.06240
3.83		0.06240		0.06240
7.66		0.06240		0.06240
11.49		0.06240		0.06240
15.32		0.06240		0.06240
19.15		0.06240		0.06240
22.98		0.06240		0.06240
26.81		0.06240		0.06240
30.64		0.06240		0.06240
34.47		0.06240		0.06240
38.3		0.06240		0.06240

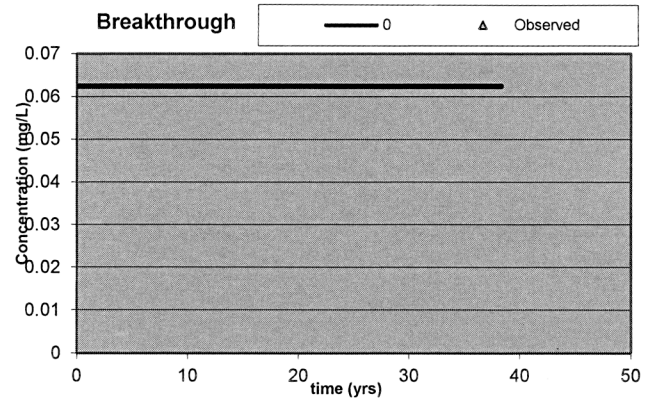
Site ID 08932

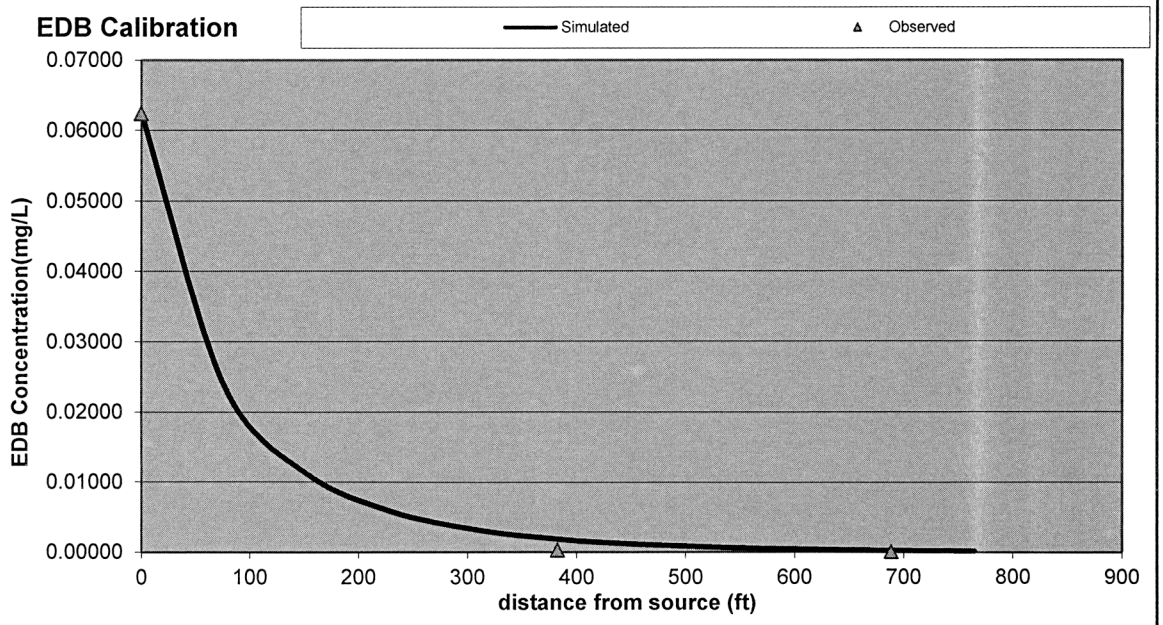
Site Name HQ

Model Calibration Parameters

$t_{1/2}$	**0.7**	yrs	λ	0.99	yr^{-1}
v_x	147.7778	ft/yr			
R	1.020				
v_R	144.893	ft/yr	C_{source}	0.0624	mg/L
L_p	652.5	ft			
α_x	20.30361	ft	t_{sim}	38.3	yrs
α_y	2.030361	ft			
α_z	1E-99	ft			







Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	1.65E-16	3.35E-15	3.16E-14	1.74E-13
180	0	4.4287E-13	4.9961E-10	1.3711E-08	8.3977E-08	2.414E-07	4.49E-07	6.35E-07	7.48E-07	7.75E-07
0	0.02371777	0.01113965	0.00582321	0.00319805	0.00180693	0.0010399	0.000606	0.000357	0.000212	0.000126
180	0	4.4287E-13	4.9961E-10	1.3711E-08	8.3977E-08	2.414E-07	4.49E-07	6.35E-07	7.48E-07	7.75E-07
360	0	0	0	0	0	0	1.65E-16	3.35E-15	3.16E-14	1.74E-13

1,2-DCA Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	3.7	3.7
76.5		1.317
153		0.580
229.5		0.284
306		0.146
382.5	0.0757	0.077
459		0.042
535.5		0.023
612		0.013
688.5	0.0056	0.007
765		0.004

Temporal Calibration Data

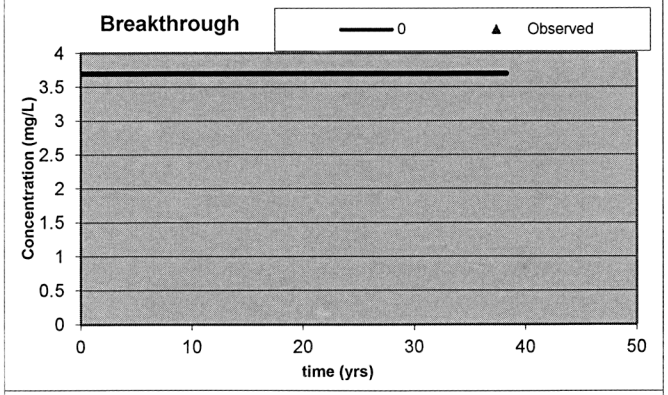
		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		3.7		3.7
3.83		3.700		3.700
7.66		3.700		3.700
11.49		3.700		3.700
15.32		3.700		3.700
19.15		3.700		3.700
22.98		3.700		3.700
26.81		3.700		3.700
30.64		3.700		3.700
34.47		3.700		3.700
38.3		3.700		3.700

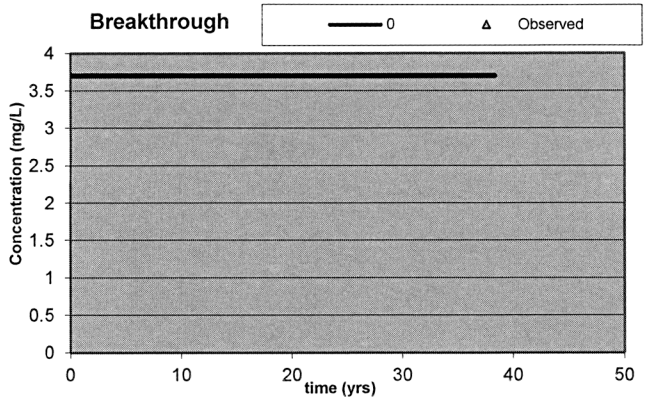
Site ID 08932

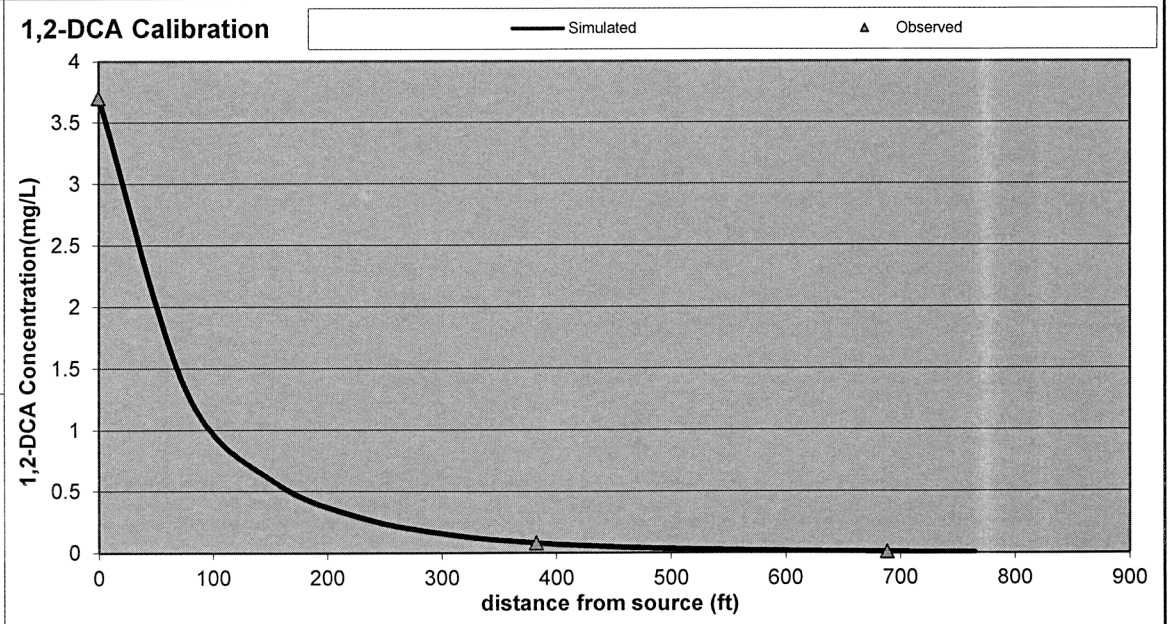
Site Name HQ

Model Calibration Parameters

$t_{1/2}$	0.6	yrs	λ	1.155	yr^{-1}
v_x	147.7778	ft/yr			
R	1.012				
v_R	145.961	ft/yr	C_{source}	3.7	mg/L
L_p	652.5	ft			
α_x	20.30361	ft	t_{sim}	38.3	yrs
α_y	2.030361	ft			
α_z	1E-99	ft			







Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	6.18E-15	1.18E-13	1.04E-12	5.37E-12
180	0	2.3042E-11	2.4349E-08	6.2591E-07	3.591E-06	9.67E-06	1.68E-05	2.23E-05	2.46E-05	2.39E-05
0	1.31734583	0.57957066	0.28379607	0.14599511	0.07726848	0.0416565	0.022751	0.012545	0.006969	0.003894
180	0	2.3042E-11	2.4349E-08	6.2591E-07	3.591E-06	9.67E-06	1.68E-05	2.23E-05	2.46E-05	2.39E-05
360	0	0	0	0	0	0	6.18E-15	1.18E-13	1.04E-12	5.37E-12

SSTLs t 1000 yrs

UST Permit # 08932
Site Name: HQ

SSTLs in mg/L		RBSLs (mg/L):		0.005	1.000	0.700	10.000	0.040	0.025	0.00005	0.005
MW #	x (ft)	y (ft)	z (ft)	Benzene SSTL	Toluene SSTL	Ethylbenzene SSTL	Xylenes SSTL	MtBE SSTL	Naphthalene SSTL	EDB SSTL	1,2-DCA SSTL
MW-1R	1260			3.775	277.634	116.724	60020.147	1.070	22.051	0.64056	188.008
MW-2	1361.25			5.781	392.394	158.350	>99999	1.253	34.200	1.23178	394.209
MW-4R	1350			5.515	377.650	153.095	>99999	1.231	32.577	1.14562	363.128
MW-5I	1350			5.515	377.650	153.095	>99999	1.231	32.577	1.14562	363.128
MW-7	1237.5			3.432	256.984	109.030	52588.924	1.032	19.994	0.55370	159.420
MW-8	1125			2.127	174.170	77.336	27088.304	0.862	12.222	0.26654	69.707
MW-9	1091.25			1.841	154.847	69.702	22179.704	0.816	10.535	0.21385	54.338
MW-12	1282.5			4.151	299.897	124.941	68490.856	1.108	24.316	0.74092	221.688
MW-16I	1136.25			2.232	181.115	80.055	28952.179	0.878	12.841	0.28681	75.734
MW-17R	517.5			0.142	18.805	10.677	664.532	0.288	0.756	0.00454	0.706
MW-19	202.5			0.027	4.638	2.991	76.008	0.127	0.140	0.00043	0.051
MW-20	22.5			0.006	1.212	0.841	12.805	0.047	0.031	0.00006	0.007
MW-30	562.5			0.175	22.449	12.516	885.331	0.316	0.940	0.00621	1.004
MW-32	933.75			0.932	88.857	42.629	8667.440	0.628	5.232	0.07601	16.882
MW-33	1113.75			2.027	167.483	74.706	25343.195	0.847	11.632	0.24769	64.157
MW-34	1035			1.446	127.154	58.554	15877.900	0.744	8.216	0.14800	35.840
MW-35	900			0.805	78.757	38.303	7075.141	0.592	4.496	0.06080	13.120
TFR-1	1068.75			1.672	143.134	65.019	19407.111	0.787	9.539	0.18460	46.013
TFR-2	1023.75			1.377	122.220	56.539	14848.695	0.730	7.816	0.13747	32.972
TFR-3	922.5			0.888	85.360	41.138	8100.967	0.616	4.974	0.07057	15.522
			λ (yr^{-1}):	0.578	0.436	0.365	0.619	0.178	0.301	0.990	1.155
			R:	1.058	1.095	1.125	1.454	1.008	2.097	1.020	1.012
			Pure Substance Solubility:	1750	526	169	175	5110	31	4321	8520
			Effective Solubility:	44.39	26.54	3.7	21.68	173	6.7	1.9	3.7

SSTLs t 1000 yrs

UST Permit # 08932
Site Name: HQ

SSTLs in mg/L		RBSLs (mg/L):		0.005	1.000	0.700	10.000	0.040	0.025	0.00005	0.005
MW #	x (ft)	y (ft)	z (ft)	Benzene SSTL	Toluene SSTL	Ethylbenzene SSTL	Xylenes SSTL	MtBE SSTL	Naphthalene SSTL	EDB SSTL	1,2-DCA SSTL
TFR-4	1001.25			1.250	112.900	52.705	12983.816	0.703	7.072	0.11859	27.902
TFR-6	900			0.805	78.757	38.303	7075.141	0.592	4.496	0.06080	13.120
TFR-9	753.75			0.421	46.293	23.887	2910.883	0.457	2.311	0.02291	4.362
TFR-10	731.25			0.381	42.597	22.181	2535.470	0.438	2.083	0.01968	3.677
TFR-11	663.75			0.280	33.096	17.711	1670.847	0.386	1.521	0.01246	2.196
TFR-12	708.75			0.344	39.179	20.588	2207.480	0.420	1.877	0.01691	3.098
MW-29I	708.75			0.344	39.179	20.588	2207.480	0.420	1.877	0.01691	3.098
			λ (yr^{-1}):	0.578	0.436	0.365	0.619	0.178	0.301	0.990	1.155
			R:	1.058	1.095	1.125	1.454	1.008	2.097	1.020	1.012
			Pure Substance Solubility:	1750	526	169	175	5110	31	4321	8520
			Effective Solubility:	44.39	26.54	3.7	21.68	173	6.7	1.9	3.7

Domenico Model (Oxygenates)

UST # 08932
Site Name: HQ Heath Self Serv 2
Modeler: Amanda Feltz
Date: 12.15.2020

Groundwater Flow Parameters

K	9500	ft/yr
dh/dx	0.007	
θ	0.45	dec. %
v_x	147.7777778	ft/yr

Transport Parameters

x_{max}	765	ft
y_{max}	360	ft
z	0	ft
Source Width	30	ft
Source Thickness	15	ft
Plume Length	652.5	ft
α_x	20.30361	ft
α_y	2.030361	ft
α_z	1.00E-99	ft

Simulation Time

t_{sim} 38.3 yrs

Aquifer Characteristics

ρ_d	1.6	kg/L
f_{oc}	0.0002	

Source Area CoC Data

CoC	C_{source} (mg/L)	K_{oc} (L/kg)
tBA	10	1
tAA	50	1
DIPE		1.5
tAME		1.5
EtBE		1.5
Ethanol		0.5

Retarded Velocity (ft/yr)

CoC	R	v_R
tBA	1.001	147.67
tAA	1.001	147.67
DIPE	1.001	147.62
tAME	1.001	147.62
EtBE	1.001	147.62
Ethanol	1.000	147.73

Simulation Points for Breakthrough Curves

x		ft
y		ft
z		ft

x		ft
y		ft
z		ft

$$C(x,y,z,t) = \left(\frac{C_0}{8}\right)\exp\left[\left(\frac{x}{2\alpha_x}\right)\left(1-\sqrt{1+\frac{4\lambda\alpha_x}{v}}\right)\right] erfc\left[\frac{x-vt\sqrt{1+\frac{4\lambda\alpha_x}{v}}}{2\sqrt{\alpha_x vt}}\right]\left\{erf\left[\frac{y+\frac{Y}{2}}{2\sqrt{\alpha_y x}}\right]-erf\left[\frac{y-\frac{Y}{2}}{2\sqrt{\alpha_y x}}\right]\right\}\left\{erf\left[\frac{z+Z}{2\sqrt{\alpha_z x}}\right]-erf\left[\frac{z-Z}{2\sqrt{\alpha_z x}}\right]\right\}$$

tBA Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	10	10
76.5		4.456
153		2.453
229.5		1.503
306		0.968
382.5	0.208	0.641
459		0.433
535.5		0.296
612		0.204
688.5	0.142	0.142
765		0.099

Temporal Calibration Data

		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		10		10
3.83		10.000		10.000
7.66		10.000		10.000
11.49		10.000		10.000
15.32		10.000		10.000
19.15		10.000		10.000
22.98		10.000		10.000
26.81		10.000		10.000
30.64		10.000		10.000
34.47		10.000		10.000
38.3		10.000		10.000

Site ID 08932

Site Name HQ Heath Self Serv 2

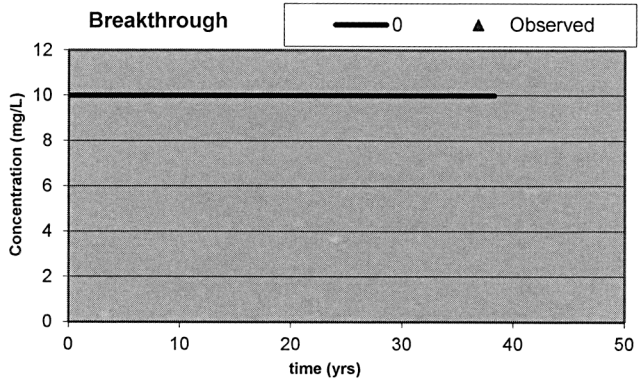
Model Calibration Parameters

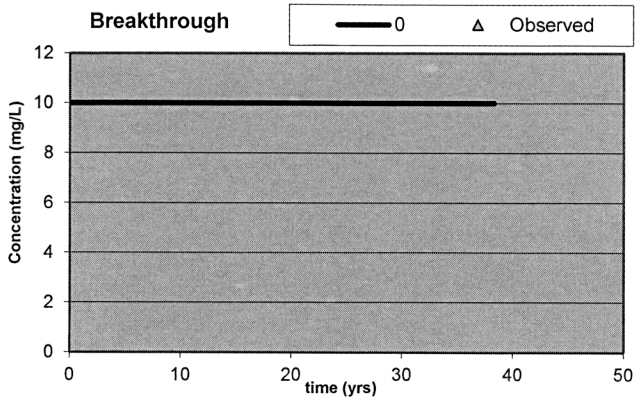
$t_{1/2}$	**1.084**	yrs
v_x	147.7778	ft/yr
R	1.001	
v_R	147.673	ft/yr
L_p	652.5	ft
α_x	20.30361	ft
α_y	2.030361	ft
α_z	1E-99	ft

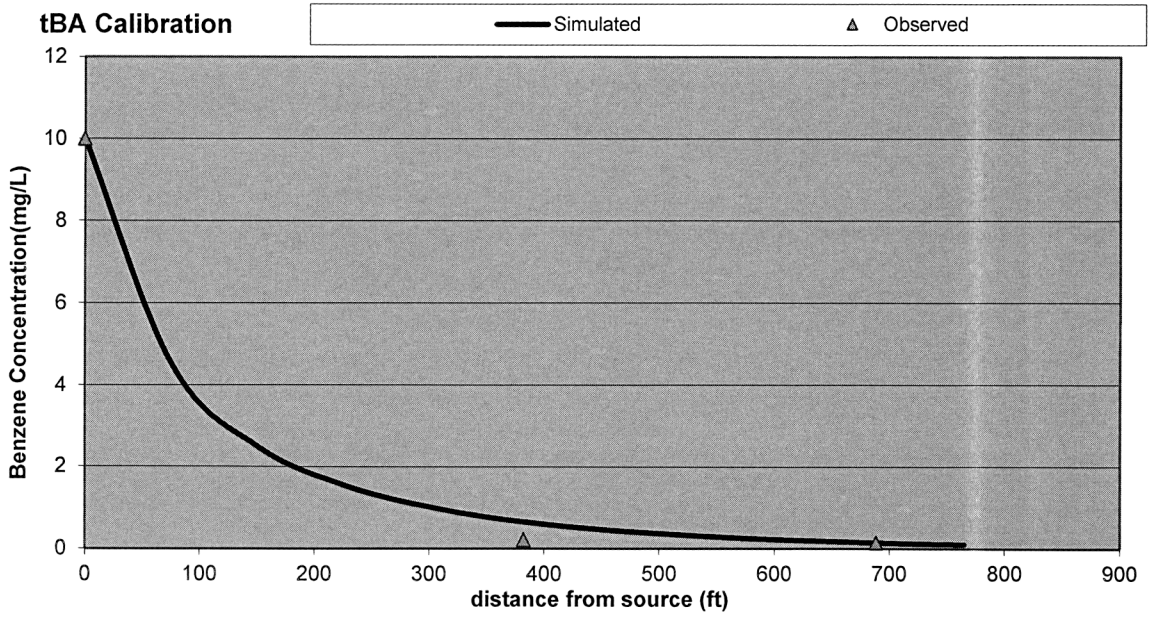
λ 0.6393 yr^{-1}

C_{source} 10 mg/L

t_{sim} 38.3 yrs







Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	8.03E-14	1.92E-12	2.12E-11	1.37E-10
180	0	9.7537E-11	1.2899E-07	4.1498E-06	2.9796E-05	0.0001004	0.000219	0.000363	0.000501	0.000609
0	4.45581145	2.45336478	1.50345638	0.96794683	0.6411273	0.432567	0.29566	0.204035	0.14185	0.0992
180	0	9.7537E-11	1.2899E-07	4.1498E-06	2.9796E-05	0.0001004	0.000219	0.000363	0.000501	0.000609
360	0	0	0	0	0	0	8.03E-14	1.92E-12	2.12E-11	1.37E-10

tAA Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	50	50
76.5		26.152
153		16.902
229.5		12.158
306		9.188
382.5	9.13	7.144
459		5.658
535.5		4.539
612		3.677
688.5	3	3.001
765		2.463

Temporal Calibration Data

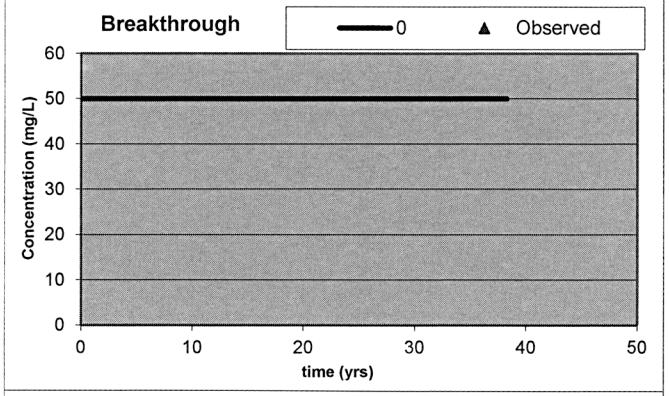
	0		0	
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		50		50
3.83		50.000		50.000
7.66		50.000		50.000
11.49		50.000		50.000
15.32		50.000		50.000
19.15		50.000		50.000
22.98		50.000		50.000
26.81		50.000		50.000
30.64		50.000		50.000
34.47		50.000		50.000
38.3		50.000		50.000

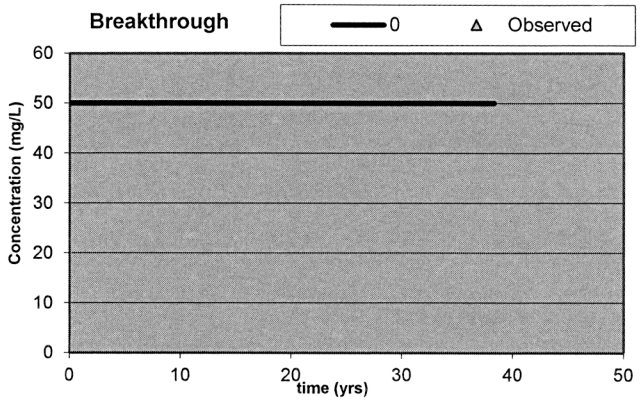
Site ID 08932

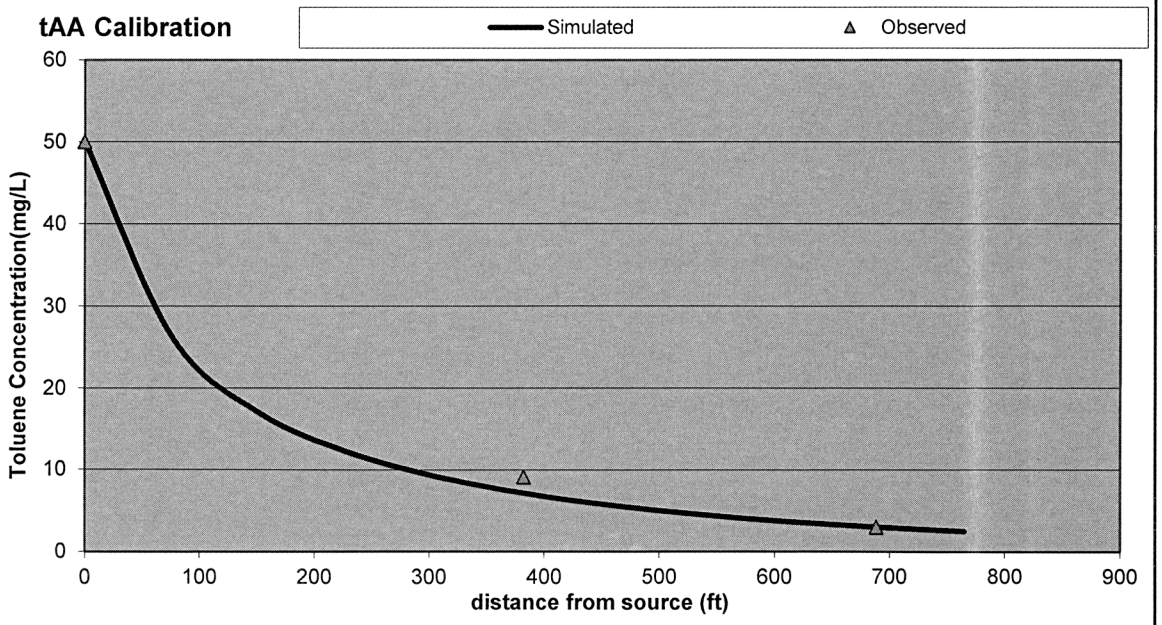
Site Name HQ Heath Self Serv 2

Model Calibration Parameters

$t_{1/2}$	2.367	yrs	λ	0.29278	yr^{-1}
v_x	147.7778	ft/yr			
R	1.001				
v_R	147.673	ft/yr	C_{source}	50	mg/L
L_p	652.5	ft			
α_x	20.30361	ft	t_{sim}	38.3	yrs
α_y	2.030361	ft			
α_z	1E-99	ft			





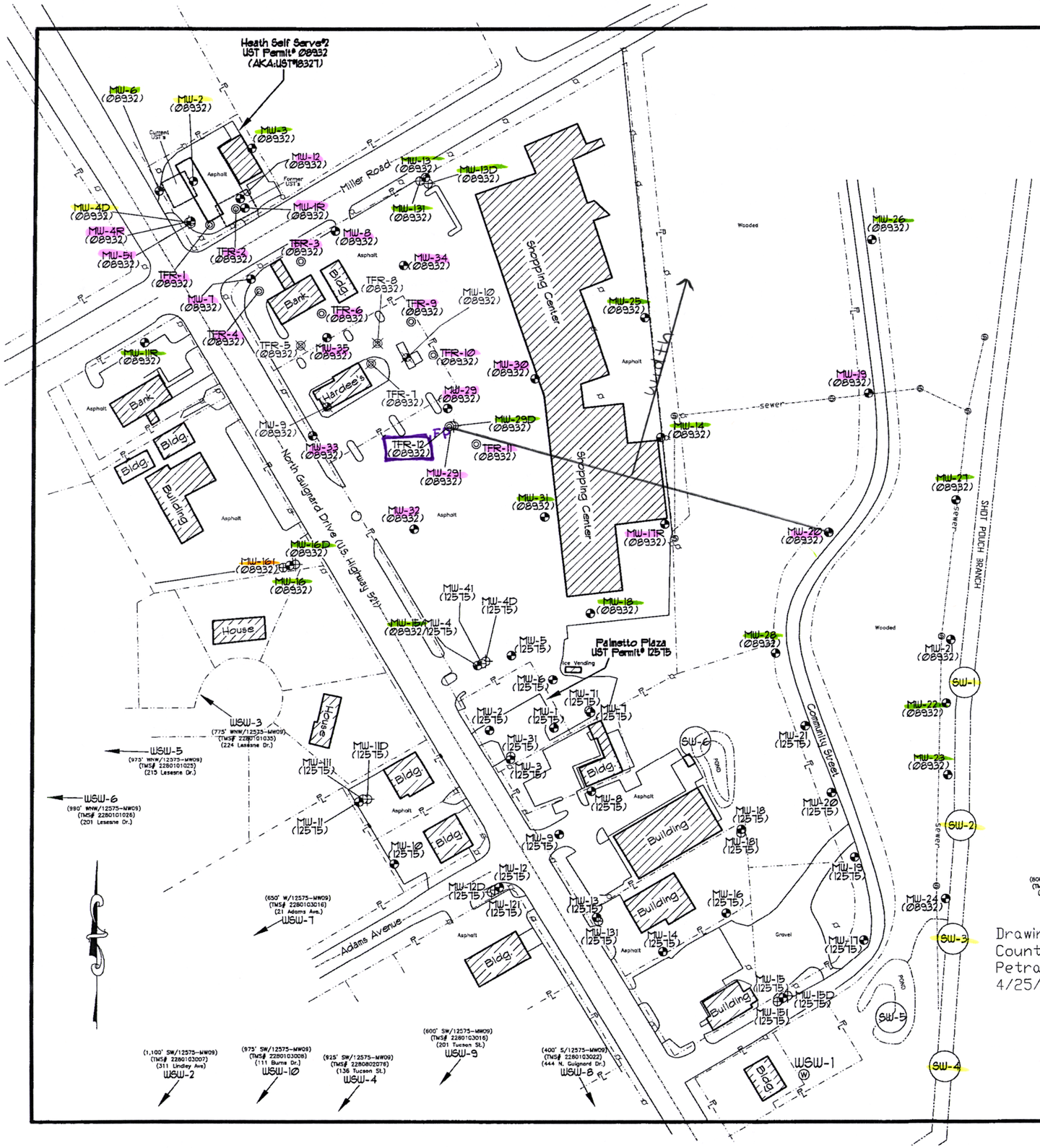


Source	76.5	153	229.5	306	382.5	459	535.5	612	688.5	765
360	0	0	0	0	0	0	1.23E-12	3.46E-11	4.49E-10	3.39E-09
180	0	6.7197E-10	1.0432E-06	3.9393E-05	0.00033202	0.0013134	0.003362	0.006544	0.010608	0.015121
0	26.1518429	16.902195	12.1584245	9.18847555	7.14400454	5.6579142	4.539428	3.677204	3.000888	2.463407
180	0	6.7197E-10	1.0432E-06	3.9393E-05	0.00033202	0.0013134	0.003362	0.006544	0.010608	0.015121
360	0	0	0	0	0	0	1.23E-12	3.46E-11	4.49E-10	3.39E-09

SSTLs t 1000 yrs

UST Permit # 08932
Site Name: HQ Heath Sel

SSTLs in mg/L		RBSLs (mg/L):		1.400	0.240				
MW #	x (ft)	y (ft)	z (ft)	tBA SSTL	tAA SSTL				
MW-1R	1260			1308.056	16.005				
MW-2	1361.25			2038.104	20.172				
MW-4R	1350			1940.383	19.662				
MW-5I	1350			1940.383	19.662				
MW-7	1237.5			1184.809	15.197				
MW-8	1125			720.545	11.699				
MW-9	1091.25			620.115	10.806				
MW-12	1282.5			1443.899	16.854				
MW-16I	1136.25			757.439	12.011				
MW-17R	517.5			43.338	2.512				
MW-19	202.5			7.892	0.885				
MW-20	22.5			1.734	0.284				
MW-30	562.5			54.027	2.850				
MW-32	933.75			305.761	7.411				
MW-33	1113.75			685.414	11.394				
MW-34	1035			482.361	9.457				
MW-35	900			262.340	6.824				
TFR-1	1068.75			560.922	10.246				
TFR-2	1023.75			458.648	9.206				
TFR-3	922.5			290.563	7.210				
TFR-4	1001.25			414.590	8.723				
TFR-6	900			262.340	6.824				
TFR-9	753.75			133.942	4.733				
TFR-10	731.25			120.608	4.468				
TFR-11	663.75			87.807	3.747				
TFR-12	708.75			108.552	4.215				
MW-29I	708.75			108.552	4.215				



Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of 4-Inch Recovery Well
- Location of "Deep" Monitoring Well
- Location of Abandoned Well
- Location of "Intermediate" Monitoring Well
- SW — Location of Surface Water Sample Collection
- Estimated Location of Removed Underground Storage Tanks
- Estimated Location of Existing Underground Storage Tanks
- Property Line
- sewer — Buried Sewer
- stream — Stream
- Free Product
- Above RBSL
- Below RBSL
- J Value
- Clean

TRF-12 is source well

receptor is Shot Pouch Branch creek

1in = 180ft
1/2 = 90ft
1/4 = 45ft
1/8 = 22.5ft
1/16 = 11.25ft

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Site Base Map

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 20-7412
DATE October 15, 2020
FIGURE 2

SSTLs t 1000 yrs

UST Permit # 08932
Site Name: H Q Self Serv

SSTLs in mg/L		RBSLs (mg/L):		1.400	0.240				
MW #	x (ft)	y (ft)	z (ft)	tBA SSTL	tAA SSTL				
MW-2	1260			34.695	13.571				
MW-4R	1350			39.365	16.332				
MW-5i	1350			39.365	16.332				
MW-8	1125			28.570	10.230				
MW-9	1091.25			27.188	9.522				
MW-12	1282.5			35.815	14.217				
MW-29i	708.75			14.862	4.052				
MW-34	1035			25.005	8.441				
TFR-1	1068.75			26.297	9.075				
TFR-2	1023.75			24.585	8.238				
TFR-3	922.5			21.056	6.603				
TFR-6	900			20.327	6.282				
TFR-12	708.75			14.862	4.052				



dhec
Healthy People. Healthy Communities.

MAY 26 2021

UST 125 DOCKETING

COCA COLA BOTTLING CO CONSOLIDATED
PO BOX 31487
CHARLOTTE NC 28231

Re: **Site Specific Work Plan Approval and Groundwater Sampling Notice to Proceed**
H Q Heath Self Serv 2, 501 N Guignard Dr., Sumter, SC
UST Permit #08932; CA #63793
Release #1 reported July 31, 1996
Site Specific Work Plan received May 18, 2021
Sumter County

To Whom It May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed and approved the referenced Site Specific Work Plan (SSWP) submitted by your contractor. All work should be conducted in compliance with the most recent revision of the UST QAPP, your contractor's Annual Contractor Quality Assurance Plan, and all applicable regulations. A copy of the current revision of the UST QAPP is available at scdhec.gov/environment/land-waste/underground-storage-tanks/release-assessment-clean/quality-assurance.

The groundwater sampling event should begin immediately upon receipt of this letter. The Cost Agreement number shown above has been approved for the amount shown on the enclosed cost agreement form.

The contractor must provide notification to the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes to the schedule, the UST Project Manager must be contacted within 24 hours of those changes.

Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for pre-approved costs. **The Monitoring Report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the UST Division within sixty (60) days of the date of this correspondence.** If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

Please note that sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that the SUPERB Account cannot compensate any costs that are not pre-approved. If for any reason additional tasks will be completed, these additional tasks, and the associated cost, must be pre-approved by the UST Division for the cost to be paid. The UST Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the UST Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by the SUPERB Site Rehabilitation and Fund Access Regulation, R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference the UST Permit number above. Should you have any questions regarding this correspondence, please feel free to contact me by phone at (803) 898-2446, by fax at (803) 898-0673, or by e-mail at feltzal@dhec.sc.gov.

Sincerely,



Amanda Feltz, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

cc: Midlands Environmental Consultants, Inc., P.O. Box 854, Lexington, SC 29071 (w/ enc)
Technical file (w/ enc)

Approved Cost Agreement 63793

Facility: 08932 H Q HEATH SELF SERV 2
FELTZAL
PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
A PLAN PREPARATION						
		1	SITE SPECIFIC WORK PLAN	1.0000	$160.050	160.05
D MOB/DEMOB						
		2	PERSONNEL	4.0000	$451.340	1,805.36
J SAMPLE COLLECTION						
		1	GROUND WATER PURGE	10.0000	$64.020	640.20
		3	WATER SUPPLY SAMPLE/ DUPLICATE	4.0000	$23.470	93.88
		4	GROUNDWATER NO-PURGE/DUPL/GRAB	48.0000	$29.880	1,434.24
		8	FIELD BLANK	2.0000	$26.250	52.50
K ANALYSES						
	DW DRINKING WATER	14	BTEXNM+1,2 DCA (524.2) WSW	6.0000	$132.360	794.16
		15	OXYGENATES & ETHANOL 8260B WSW	6.0000	$97.900	587.40
		16	EDB (504.1) WSW	5.0000	$84.830	424.15
	GW GROUNDWATER	1	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	62.0000	$130.170	8,070.54
		7	EDB BY EPA 8011	59.0000	$48.230	2,845.57
Q DISPOSAL						
		1	WASTEWATER	500.0000	$0.600	300.00
S REPORT PROJECT MANAGEMENT						
		S	REPORT PREP & PROJ. MANAGEMENT	0.1200	$17,208.050	2,064.97
				Total Amount		19,273.02

Document Receipt Information

☒ Hard Copy ■ CD ☐ Email

Date Received 6-30-21

Permit Number 08932

Project Manager Amanda Foltz (Vac Deliv)

Name of Contractor MECI

Docket Number 126 tech

Document Title GWS / chemical Analyses

Scanned _____

REPORT OF GROUNDWATER SAMPLING & CHEMICAL ANALYSES

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932
CA # 63793

Prepared By:

Midlands
Environmental
Consultants, Inc.
231 Dooley Road, Lexington, SC 29073
(803) 808-2043 Fax: 808-2048

June 28, 2021

MECI Project No. 21-7607

Midlands Environmental Consultants, Inc.

June 28, 2021

Ms. Amanda Feltz, Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Subject: Report of Groundwater Sampling & Chemical Analyses
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID# 08932, CA# 63793
MECI Project Number 21-7607
Certified Site Rehabilitation Contractor UCC-0009

Dear Ms. Feltz,

On behalf of Coca Cola Bottling Company Consolidated, Midlands Environmental Consultants Inc. (MECI) is pleased to submit the attached Report of Groundwater Sampling & Chemical Analyses for the referenced site. This report describes assessment activities conducted at the site and results of those activities in general accordance with South Carolina Department of Health and Environmental Control (SCDHEC) guidelines, including adherence to the UST Division Programmatic Quality Assurance Program Plan (QAPP).

Midlands Environmental appreciates the opportunity to offer our professional environmental services to you on this project. Please feel free to contact us at 803-808-2043 if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.

Kyle V. Pudney
Senior Biologist

Bryan T. Shane, P.G.
Principal Geologist

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

TABLE OF CONTENTS

1.0 INTRODUCTION **1**

1.1 PROJECT INFORMATION 1

2.0 SURROUNDING PROPERTY USAGE **3**

3.0 AREA GEOLOGY AND HYDROGEOLOGY **4**

3.1 LOCAL SUBSURFACE CONDITIONS 5

4.0 FIELD EXPLORATION **5**

4.1 SAMPLING AND CHEMICAL ANALYSES 5

5.0 TEST RESULTS AND EVALUATION **8**

5.1 ANALYTICAL RESULTS 8

6.0 ASSESSMENT SUMMARY & RECOMMENDATIONS **9**

7.0 QUALIFICATIONS OF REPORT **10**

TABLE OF CONTENTS (cont.)

TABLES:

**Table 1 – SOIL ANALYTICAL COC CONCENTRATION DATA
Table 2 – POTENTIOMETRIC DATA
Table 3 – GROUNDWATER COC CONCENTRATION DATA
**Table 4 – AQUIFER CHARACTERISTICS
**Table 5 – SITE CONCEPTUAL MODEL

FIGURES:

Figure 1 – TOPOGRAPHIC MAP
Figure 2 – SITE BASE MAP
**Figure 3 – SOIL COC SITE MAP
Figure 4 – GROUNDWATER COC SITE MAP (Benzene Isopleth)
Figure 4A – GROUNDWATER COC SITE MAP (Naphthalene Isopleth)
Figure 4B – GROUNDWATER COC SITE MAP (EDB Isopleth)
Figure 4C – GROUNDWATER COC SITE MAP (Oxygenates)
Figure 5 – POTENTIOMETRIC DATA SITE MAP (Groundwater Contour- "Shallow" Zone)
Figure 5A – POTENTIOMETRIC DATA SITE MAP (Groundwater Contour- "Deep" Zone)
**Figure 6 – GEOLOGIC CROSS SECTIONS

**APPENDIX A – SITE SURVEY
APPENDIX B – SAMPLING LOGS, LABORATORY DATA SHEETS AND CHAIN OF CUSTODY FORMS
**APPENDIX C – TAX MAP DATA
**APPENDIX D – SOIL BORING/FIELD SCREENING LOGS & 1903 FORMS
**APPENDIX E – WELL LOGS & 1903 FORMS
**APPENDIX F – AQUIFER EVALUATION SUMMARY FORMS, DATA, GRAPHS, EQUATIONS
APPENDIX G – DISPOSAL MANIFESTS
**APPENDIX H – LOCAL ZONING REGULATIONS
**APPENDIX I – FATE & TRANSPORT MODELING
**APPENDIX J – ACCESS AGREEMENTS
APPENDIX K – DATA VERIFICATION CHECKLIST

NOTE: ITEMS LISTED WITH AN ** BESIDE IT WERE NOT NEEDED AS A PART OF THIS SCOPE OF WORK

1.0 INTRODUCTION

A. **Owner/Operator Information**

Facility Name: HQ Heath Self Serve #2 UST Permit #: 08932
Facility Address: 100 Lafayette Drive, Sumter, South Carolina
Name: Coca-Cola Bottling Company Consolidated
Address: 4115 Coca-Cola Plaza, Charlotte, NC 28211
Telephone #: (704) 557-4023 (Mr. Doug Leonard)

B. **Property Owner Information**

Name: JJ & P Properties, LLC.
Tax Map #: Sumter County Tax Map #: 2291603037
Address: 206 Tucson Drive, Sumter, SC 29150
Telephone #: Contact: (803) 934-6750 (Mr. John M. Sutton, Jr.)

C. **Contractor Information**

Name: Midlands Environmental Consultants, Inc.
Certification #: 009
Address: P.O. Box 854, Lexington, SC 29071
Telephone #: (803) 808-2043

D. **SCDHEC Certified Well Driller**

Name: N/A
Driller: N/A
Certification #: N/A
Address: N/A
Telephone #: N/A

E. **SCDHEC Certified Laboratory**

Name: Pace Analytical Services, LLC.
Certification #: 99006001
Address: 9800 Kincey Ave. Suite 100, Huntersville, NC 28078
Telephone #: (704) 875-9092

1.1 PROJECT INFORMATION

The subject site (HQ Heath Self Serve #2) is located at the intersection of 501 North Guignard Drive in Sumter, Sumter County, South Carolina (See Figure 1). The site is currently operated by an active gasoline service station (Corner Pantry 137/UST# 18327) which operates four active underground storage tanks (UST's). The following table presents Underground Storage Tanks (UST's) which are associated with UST # 08932:

Tank #	Capacity/Product	In Use/Abandoned	Tank Status
1	10,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)
2	6,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)
3	3,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)
4	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
5	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
6	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
7	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
8	3,000 Gal. Multi-Hydrocarbons	Abandoned	Removed (Unknown)
9	3,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)

Tank #	Capacity/Product	In Use/Abandoned	Tank Status
10	1,000 Gal. Naphtha/Mineral Spirits/Stoddard	Abandoned	Pre-1974 & Empty
11	550 Gal. Waste Oil	Abandoned	Removed (5/11/1999)

Two separate releases of petroleum product have been reported to the South Carolina Department of Health and Environmental Control (SCDHEC). Release #1 was reported in July of 1996 and confirmed in August of 1996. Release #2 was reported and confirmed in October of 1999. Release #2 was issued "no further action" status in December of 1999. Release #1 remains active and has been ranked a Class 2BB, due to the presence of a water supply wells being located less than 1,000 feet from the site.

The following table presents previous site activities performed at the site:

Date	Assessment Type	Notes:
May, 1998	Initial Groundwater Assessment (IGWA)	Completed by Kleen Sites Geoservices (KSG) of West Columbia, SC. This assessment included the installation of one groundwater monitoring well (MW-1) and collection of soil and groundwater samples. Analytical results from both the soil and groundwater collected from MW-1 indicated petroleum impact above risk-based screening levels (RBSL's).
December, 1998	Standard Limited Assessment (Tier I)	A Standard Limited Assessment (SLA) was performed at the site by KSG and included the installation of three additional groundwater monitoring wells (MW-2, MW-3, MW-4). Based on the results of the SLA, SCDHEC directed a Rapid Assessment be performed to define the horizontal and vertically extent of the contaminant plume.
November, 1999	Initial Rapid Assessment (Tier II)	An initial Rapid Assessment was completed by KSG in November of 1999 and included the installation of twelve additional monitoring wells (MW-5i, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15 and MW-16).
December, 2000	Rapid Assessment Addendum #1	To better define the vertical extent of the contaminant plume an addendum to the Rapid Assessment report was submitted to SCDHEC in December of 2000 outlining the installation of four additional groundwater monitoring wells (MW-17, MW-18, MW-19 and MW-20).
September, 2001	Rapid Assessment Addendum #2	In September of 2001, a secondary addendum to the Rapid Assessment was completed by KSG. The secondary addendum report outlined additional field screening conducted at the site and the installation of four additional monitoring wells (MW-21, MW-22, MW-23 and MW-24).
July, 2003	Rapid Assessment Addendum #3	In July of 2003, a third and final addendum to the Rapid Assessment was completed by Emerald, Inc. This final addendum report outlined additional field screening conducted at the site and the installation of three additional monitoring wells (MW-25, MW-26 and MW-27).
2004-2009	Active Corrective Action	From 2004 to 2009, remediation efforts were conducted at the site by Consultech Environmental, LLC. Remediation efforts appear to have included the installation of twelve groundwater recovery wells (TFR-1, TFR-2, TFR-3, TFR-4, TFR-5, TFR-6, TFR-7, TFR-8, TFR-9, TFR-10, TFR-11 and TFR-12) and pump and treat techniques. Remediation efforts failed to clean the site to Site Specific Target Levels (SSTL's) and remediation efforts appear to have halted in 2009.

Date	Assessment Type	Notes:
April, 2010	Monitoring Well Installation	In April of 2010, MECI submitted an additional assessment report to SCDHEC outlining the installation of four groundwater monitoring wells (MW-1R, MW-11R, MW-17R and MW-28).
August, 2011	Monitoring Well Abandonment	Due to redevelopment of a Hardee's Restaurant located within the contaminant plume emanating from the subject site, wells MW-9, MW-10, TFR-5, TFR-7 and TFR-8 were abandoned in August of 2011.
April, 2011	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
August, 2013	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
January, 2015	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
February, 2016	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
June, 2018	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
February, 2020	Monitoring Well Installation	In February of 2020, MECI submitted an additional assessment report to SCDHEC outlining the installation of four groundwater monitoring wells (MW-4R, MW-4D, MW-13i, MW-13D, MW-16i, MW-16D, MW-29, MW-29i, MW-29D, MW-30, MW-31, MW-32, MW-33, MW-34, MW-35). In addition to the well installation, a comprehensive groundwater sampling event was also completed.
October, 2020	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
March, 2021	96-Hour AFVR Event	MECI completed a 96-Hour AFVR event on MW-29 & TFR-12.
In addition to the above referenced groundwater sampling events, numerous Aggressive Fluid and Vapor Recovery (AFVR) events have been performed at the site in order to remove free phase petroleum product.		

The above project information is based on MECI field notes and SCDHEC files. Further information pertaining to the site may be accessed through SCDHEC's Freedom of Information Office.

2.0 SURROUNDING PROPERTY USAGE

The site is located in a commercial area within the city limits of Sumter, South Carolina. North Guignard Drive (U.S. Highway 521) forms the western property boundary, beyond which is Central Carolina Technical College. Miller Road forms the southern property boundary beyond which is a bank, Hardee's Restaurant and Palmetto Plaza. It should be noted that a release of petroleum product has been reported to SCDHEC from the Palmetto Plaza property under UST# 12575. East of the site a church and north of the site are commercial properties.

Potential receptors surrounding the site include; ten water supply wells and two surface water locales. The following matrix contains well status, owner(s), and tax map identification numbers:

ID#	Well Owner	Sumter County Tax Map Number:	Address:
WSW-1	**Lyde & Bertha McCaskill**	**2280104003**	**433 N. Guignard Drive**
WSW-2	**Lee & Patricia Holloway**	**2280103007**	**311 Lindley Avenue**
WSW-3	**Betty Elmore**	**2280101035**	**224 Lesesne Drive**
WSW-4	**William & Erline Cromer**	**2280802076**	**136 Tucson Street**
WSW-5	**Carolyn Elliott**	**2280101025**	**215 Lesesne Drive**

WSW-6	**Ronal & Sonia Spivey**	**2280101020**	**201 Lesesne Drive**
WSW-7	**Marilyn Weathersbee**	**2280103016**	**21 Adams Avenue**
WSW-8	**C&M Properties**	**2280103022**	**444 N. Guignard Drive**
WSW-9	**Eliza Lewis**	**2280103016**	**201 Tucson Street**
WSW-10	**Elijah & Essine Johnson**	**2280103008**	**111 Burns Drive**
Stream	**N/A**	**Shot Pouch Branch**	**See Map**
Pond	**David & Leanne Lovice**	**2280201008**	**14 Crowson Street**

3.0 AREA GEOLOGY AND HYDROGEOLOGY

The mean elevation of the property as depicted on the local USGS quadrangle (Sumter East, SC) appears to be between 180 feet above sea level. The site is located in the Coastal Plain Physiographic Province, which is generally comprised of Upper Cretaceous to present aged, wedge shaped formations that begin at the "Fall Line" and dip towards the Atlantic Ocean with ground surface elevations typically less than 300 feet. The sedimentary soils of these formations consist of unconsolidated sand, clay, gravel, marl, cemented sands, and limestone that were deposited unconformably over Mesozoic/Paleozoic age basement rock consisting of granite, schist, and gneiss similar to the rocks of the Piedmont Physiographic Province. The thickness of the Coastal Plain sediments varies from zero at the "Fall Line" to more than 4,000 feet at the southern tip of South Carolina near Hilton Head Island.

The Coastal Plain province was formed during Quaternary, Tertiary, and late Cretaceous geologic periods and can be divided generally into three subunits: Upper Coastal Plain, Middle Coastal Plain, and Lower Coastal Plain. The Lower Coastal Plain comprises approximately one-half of the entire Atlantic Coastal Plain of South Carolina and is separated from the middle coastal plain by the Surry Scarp, a seaward facing scarp with a toe elevation of 90 to 100 feet. The Middle Coastal Plain and the Upper Coastal Plain each compose approximately one fourth of the Coastal Plain area and are separated by the Orangeburg Scarp, a seaward facing scarp with a toe elevation of 250 to 270 feet.

The Lower Coastal Plain is typically identified as the area east of the Surry Scarp below elevation 100 feet, with a vertical stratigraphic sequence overlying the basement rock consisting of unconsolidated Cretaceous, Tertiary, and Quaternary sedimentary deposits. The surface deposits of the Lower Coastal Plain were formed during the Quaternary period which was characterized by the formation of the Carolina Bays and scarps throughout the east coast due to sea level rise and fall, the formation of the barrier islands, and the formation of flood plains from major rivers. Preceding the Quaternary period, limestone was deposited in the Lower Coastal Plain.

The Middle Coastal Plain is typically identified as the area between the Orangeburg Scarp and the Surry Scarp and falls between elevation 100 feet and 270 feet. The vertical stratigraphic sequence overlying the basement rock consists of unconsolidated Cretaceous and Tertiary sedimentary deposits formed as a result of scouring from the regressive cycles of the Ocean as it retreated. During the Eocene epoch of the Tertiary period, limestone was deposited in the Middle Coastal Plain.

The Upper Coastal Plain is typically identified as the area between the "Fall Line" and the Orangeburg Scarp and falls between elevations 270 feet and 300 feet. The Upper Coastal Plain was formed during the Tertiary and late Cretaceous periods and is marked by the formation of the Sandhills dunes as a result of fluvial deposits over the Coastal Plain consisting of marine sediments, limestone, and sand.

3.1 LOCAL SUBSURFACE CONDITIONS

The subject site is located in the Middle Coastal Plain. According to Newell et al. (In Review), the site is located within the Duplin Formation, a Pliocene aged unit. The Duplin Formation is characterized as a secondary unit consisting of sands, sandy and silty clays and very shelly sands which frequently overlie a phosphatic basal conglomerate.

Coastal plain sediments were encountered during drilling activities conducted at the site. A generalized vertical profile to the investigated depth of 60' feet below ground surface (BGS) is as follows:

Depth (Feet BGS)	Generalized Soil Description
0.0'-15.0'	Brown/Red, Silty Fine SAND
15.0'-25.0'	Brown, Fine to Medium SAND
25.0'-50.0'	Tan, Silty Fine SAND
50.0'-55.0'	Tan, Medium to Coarse SANDS
55.0'-60.0'	Blue, Fine Sandy SILT

On June 14-15, 2021, stabilized groundwater levels were measured in the monitoring wells. Depth to groundwater ranged from 0.50 to 16.70 feet below top of casing in the wells measured. The groundwater measurements are summarized in tabular form in Table 2 and on Figure 5. Groundwater levels may fluctuate several feet with seasonal and rainfall variations and with change in the water level of adjacent drainage features. Normally, the highest groundwater levels occur in late winter and spring. The lowest levels occur in late summer and fall.

Locally, in the surficial aquifer, groundwater discharges into streams, lakes or springs where the groundwater table intersects lows occupied by these water bodies. The apparent direction (based on hydraulic gradient) of groundwater flow from the release is to southeast toward the Shot Pouch Branch.

4.0 FIELD EXPLORATION

Field exploration conducted at the site included:

- sampling of the monitoring well network and nearby receptors; and,
- chemical analyses of water samples.

4.1 SAMPLING AND CHEMICAL ANALYSES

On June 14-15, 2021, MECI personnel collected groundwater samples from forty-seven (47) monitoring wells, six (6) surface water locations and one (1) water supply wells at the subject site. As discussed in section 1.1, monitoring wells MW-9, MW-10, TFR-5, TFR-7 and TFR-8 have been previously abandoned at the site. In addition, monitoring wells MW-21 and MW-24 were unable to be located during sampling activities. As directed by SCDHEC, only monitoring wells which did not bracket the watertable were to be purged prior to sample collection. Twenty-two (22) monitoring wells were purged prior to sampling.

Prior to sampling, MECI personnel utilized an electronic water level indicator for water level measurements and an oil/water interface probe for free phase petroleum product level measurements. Where applicable, purging was completed by bailing at least five well volumes of water from the well, or until all water was evacuated from the well, whichever occurred first. Sampling/purging was completed utilizing a prepackaged, clear, disposable polyethylene bailer and nylon rope. A new set of

nitrile gloves were worn at each monitoring well, and at all time samples were handled. Field measurements of pH, conductivity, dissolved oxygen, and water temperature were obtained before well sampling process. MECI utilized YSIPro20 meter for DO (mg/L) and temperature readings (°C) and YSI Pro 1030 meters for pH and conductivity (uS) readings and a MicroTPI turbidimeter for turbidity readings (NTU). The attached Field Data Information Sheets presents the results of the field measurements obtained. The wells were sampled in accordance with the most recent revision of SCDHEC's Quality Assurance Program Plan for the Underground Storage Tank Management Division and the most recent revision of MECI's Standard Operating Procedures.

Groundwater samples obtained were sent to Pace Analytical Services, Inc. of Huntersville, NC (SCDHEC Laboratory Certification #99006001) for analysis.

The following sampling matrix contains well development and requested analyses for each well:

Sample ID	Purge	No Purge	Gauge Only	Abandoned	Not Sampled	Not Located	BTEX, Naphthalene, MTBE (EPA Method 8260-B)	EDB (EPA Method 8011)	1,2 DCA (EPA Method 8260-B)	8 Oxygenates (EPA Method 8260-B)	Total Lead (EPA Method 6010)	BTEX, Naphthalene, MTBE, 1,2 DCA (EPA Method 524.2)	EDB (EPA Method 504.1)
							Analyte Sampled						
MW-1R		X					X	X	X	X			
MW-2		X					X	X	X	X			
MW-3		X					X	X	X	X			
MW-4R		X					X	X	X	X			
MW-4D	X						X	X	X	X			
MW-5i	X						X	X	X	X			
MW-6		X					X	X	X	X			
MW-7		X					X	X	X	X			
MW-8		X					X	X	X	X			
MW-9				X									
MW-10				X									
MW-11R		X					X	X	X	X			
MW-12		X					X	X	X	X			
MW-13		X					X	X	X	X			
MW-13i	X						X	X	X	X			
MW-13D	X						X	X	X	X			
MW-14		X					X	X	X	X			
MW-15		X					X	X	X	X			
MW-16		X					X	X	X	X			
MW-16i	X						X	X	X	X			
MW-16D	X						X	X	X	X			
MW-17R		X					X	X	X	X			
MW-18		X					X	X	X	X			
MW-19		X					X	X	X	X			
MW-20	X						X	X	X	X			
MW-21						X							
MW-22	X						X	X	X	X			
MW-23	X						X	X	X	X			
MW-24						X							
MW-25		X					X	X	X	X			

Notes: BTEX = Benzene, Toluene, Ethylbenzene, & Total Xylenes
MTBE=Methyl tertiary butyl ether
1,2 DCA = 1,2 Dicloroethane
EDB = Ethylene Dibromide

Sample ID	Purge	No Purge	Gauge Only	Abandoned	Not Sampled	Not Located	BTEX, Naphthalene, MTBE (EPA Method 8260-B)	EDB (EPA Method 8011)	1,2 DCA (EPA Method 8260-B)	8 Oxygenates (EPA Method 8260-B)	Total Lead (EPA Method 6010)	BTEX, Naphthalene, MTBE, 1,2 DCA (EPA Method 524.2)	EDB (EPA Method 504.1)
							Analyte Sampled						
MW-26		X					X	X	X	X			
MW-27	X						X	X	X	X			
MW-28	X						X	X	X	X			
MW-29		X					X	X	X	X			
MW-29i	X						X	X	X	X			
MW-29D	X						X	X	X	X			
MW-30		X					X	X	X	X			
MW-31		X					X	X	X	X			
MW-32		X					X	X	X	X			
MW-33		X					X	X	X	X			
MW-34		X					X	X	X	X			
MW-35		X					X	X	X	X			
TFR-1	X						X	X	X	X			
TFR-2	X						X	X	X	X			
TFR-3	X						X	X	X	X			
TFR-4	X						X	X	X	X			
TFR-5				X									
TFR-6	X						X	X	X	X			
TFR-7				X									
TFR-8				X									
TFR-9	X						X	X	X	X			
TFR-10	X						X	X	X	X			
TFR-11	X						X	X	X	X			
TFR-12	X						X	X	X	X			
SW-1		X					X	X	X	X			
SW-2		X					X	X	X	X			
SW-3		X					X	X	X	X			
SW-4		X					X	X	X	X			
SW-5		X					X	X	X	X			
SW-6		X					X	X	X	X			
DUP-1(TFR-6)		X					X	X	X	X			
DUP-2(MW-7)		X					X	X	X	X			
DUP-3(MW-2)		X					X	X	X	X			
Field Blank 1							X	X	X	X			
Field Blank 2							X		X	X			
Trip Blank 1													
Trip Blank 2							X		X	X			
WSW-3										X		X	X
WSW-5					X								
WSW-6					X								
DUP. (WSW-3)		X								X		X	X
Field Blank										X		X	X
Trip Blank										X		X	

Notes: BTEX = Benzene, Toluene, Ethylbenzene, & Total Xylenes
MTBE=Methyl tertiary butyl ether
1,2 DCA = 1,2 Dicloroethane
EDB = Ethylene Dibromide

Purge water produced by the purging process was treated on-site utilizing a granular activated carbon unit. A total of 628.00 gallons of purge water was disposed of in this manner. A disposal manifest for the referenced purge water is presented in Appendix G.

The results of the laboratory analyses are summarized in Table 3 and presented in Appendix B.

5.0 TEST RESULTS AND EVALUATION

The following sections discuss groundwater test results for the subject site.

5.1 ANALYTICAL RESULTS

As discussed in Section 4.1, groundwater samples obtained from the monitoring wells during the June 14-15, 2021 comprehensive groundwater sampling event were analyzed for dissolved phase petroleum constituents. There was no product detected in the monitoring wells at the subject site. The analytical results indicate petroleum impact to the surficial aquifer, with the highest dissolved concentrations being detected in the areas of MW-29 and TFR-11. Of the fifty-six sampling points sampled, twenty-five monitoring wells (MW-1R, MW-2, MW-4R, MW-7, MW-8, MW-12, MW-19, MW-20, MW-29, MW-29i, MW-29D, MW-30, MW-32, MW-33, MW-34, MW-35, TFR-1, TFR-2, TFR-3, TFR-4, TFR-6, TFR-9, TFR-10, TFR-11, and TFR-12) detected petroleum constituents above Risked Based Screening Levels (RBSL's). Petroleum constituents detected above the established RBSL include:

Compound	*RBSL (ug/l)*	*Wells Above RBSL*
Product	0.01'	TFR-12
Benzene	5	MW1R, MW-2, MW4R, MW7, MW8, MW12, MW20, MW29, MW-29D, MW30, MW32, MW33, MW34, MW35, TFR1, TFR2, TFR3, TFR4, TFR6, TFR9, TFR-10, TFR11, TFR-12
Toluene	1,000	MW1R, MW4R, MW7, MW8, MW12, MW29, MW30, MW32, MW33, MW34, MW35, TFR1, TFR3, TFR4, TFR6, TFR10, TFR11
Ethylbenzene	700	MW1R, MW4R, MW7, MW8, MW12, MW29, MW30, MW32, MW33, MW34, MW35, TFR1, TFR6, TFR11
Total Xylenes	10,000	MW1R, MW-4R, MW7, MW8, MW12, MW29, MW33, MW34, MW35, TFR6, TFR11
Naphthalene	25	MW1R, MW4R, MW7, MW8, MW12, MW30, MW32, MW-33, MW34, MW35, TFR1, TFR-2, TFR4, TFR6, TFR-10
MTBE	40	None
1,2 DCA	5	MW-19, MW-29, TFR9
EDB	0.05	MW1R, MW4R, MW7, MW8, MW29, MW29i, MW-29D, MW30, MW32, MW33, MW34, MW35, TFR1, TFR3, TFR4, TFR6, TFR9, TFR-10, TFR11, TFR-12
TAA	240	MW19, MW20, MW-30, MW-32, MW35, TFR10, TFR-12
TAME	128	N/A
ETBA	NE	RBSL Not Established
TBA	1,400	N/A
TBF	NE	RBSL Not Established
DIPE	150	N/A
Ethanol	10,000	N/A
ETBE	47	N/A

The analytical results also detected petroleum constituents above the laboratory method detection limits and/or "J" values in monitoring wells MW-4D, MW-16i, MW-17R, and MW-31; however, the concentrations detected did not exceed the RBSL. In addition, analytical results from samples obtained

from the nearby water supply wells did not indicate petroleum impact. The results of the analyses for each monitoring well and specific parameters are listed on Table 3 and provided in Appendix B.

The results of the analyses for each monitoring well and specific parameters are listed on Table 3 and provided in Appendix B.

6.0 ASSESSMENT SUMMARY & RECOMMENDATIONS

- There was no free phase petroleum product was detected during sampling activities.

- Forty-seven monitoring wells, six surface water locations and one water supply wells were sampled on June 14-15, 2021. Petroleum compounds were detected above RBSL's in groundwater wells MW-1R, MW-2, MW-4R, MW-7, MW-8, MW-12, MW-19, MW-20, MW-29, MW-29i, MW-29D, MW-30, MW-32, MW-33, MW-34, MW-35, TFR-1, TFR-2, TFR-3, TFR-4, TFR-6, TFR-9, TFR-10, TFR-11, and TFR-12. Compounds above the established RBSL's include Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene, 1,2 DCA, EDB and TAA.

- Groundwater flow is primarily to the southeast toward the Shot Pouch Branch. Vertical flow gradient is downward in the area of the four well clusters.

- The plume emanating from the subject site appears to be relatively defined based on results of the June 14-15, 2021 sampling event.

- Upon review of current and historical chemicals of concern (CoC) data, our findings indicate that CoC concentrations have generally remained constant with a slight decrease overall. The AFVR event completed in March 2021 was able to remove the 0.65 feet of free phase petroleum and significantly decrease CoC concentrations in TFR-12 to its lowest historical levels.

- MECI recommends the site be remodeled and new site-specific target levels (SSTL's) be generated.

- Considering the immense size of the contaminant plume, the historic presence of free phase petroleum plume covering a large area and sensitive habitats being located down gradient of the site, active corrective action efforts appear to be necessary.

- Prior to the initiation of corrective efforts, MECI recommends repairing all wells labeled "TFR" as they are currently in poor condition. Additionally, monitoring wells MW-22, MW-23, MW-24 and MW-27 should also be repaired and they appear to have been damaged during construction activities completed following the historic flood which occurred in South Carolina in 2015.

- If SCDHEC feels the recommendation of active correction action is untimely, MECI would further recommend Aggressive Fluid Vapor Recovery Events be performed at the site to stem the spread of the contaminant plume and remove free phase petroleum product.

7.0 QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assessment are consistent with those normally employed in hydrogeological assessment and waste management projects of this type. Our evaluation of site conditions has been based on our understanding of the site, project information provided to us, and data obtained in our exploration. The general subsurface conditions utilized in our evaluation have been based on interpretation of subsurface data between borings. Contents of this report are intended for the sole use of Coca-Cola Bottling Company Consolidated, MECI, and SCDHEC under mutually agreed upon terms and conditions. If other parties wish to rely on this report please contact MECI prior to their use of this information so that a mutual understanding and agreement of the terms and conditions of our services can be established.

-oOo-

TABLES

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-1	12/28/1998	12-22	---	17.15	---	N/A	N/A
	8/18/1999		12.66	12.76	0.10	N/A	N/A
	11/1/2000		12.77	12.79	0.02	N/A	N/A
	8/21/2001		---	NL	---	N/A	NL
	8/17/2002		---	NL	---	N/A	NL
	7/17/2003		---	NL	---	N/A	NL
	2/21/2004		---	NL	---	N/A	NL
	10/20/2004		---	NL	---	N/A	NL
	8/22/2005		---	NL	---	N/A	NL
	11/28/2005		---	NL	---	N/A	NL
	3/9/2006		---	NL	---	N/A	NL
	6/29/2006		---	NL	---	N/A	NL
	6/22/2007		---	NL	---	N/A	NL
	10/1/2008		---	NL	---	N/A	NL
	4/2/2009		---	NL	---	N/A	NL
	6/15/2021		---	NL	---	N/A	NL
MW-1R	3/17/2010	13-23	---	16.51	---	171.85	155.34
	9/2/2010		---	16.70	---	171.85	155.15
	4/21/2011		---	17.30	---	171.85	154.55
	8/1/2013		---	17.30	---	171.85	154.55
	1/20/2015		---	17.91	---	171.85	153.94
	2/9/2016		---	16.11	---	171.85	155.74
	6/1/2018		---	16.22	---	171.85	155.63
	1/24/2020		---	15.48	---	171.85	156.37
	10/6/2020		---	12.94	---	171.85	158.91
	6/15/2021		---	13.84	---	171.85	158.01
MW-2	12/28/1998	14-24	---	16.57	---	171.75	155.18
	8/18/1999		---	Destroyed	---	171.75	Destroyed
	11/1/2000		---	Destroyed	---	171.75	Destroyed
	8/21/2001		---	Destroyed	---	171.75	Destroyed
	8/17/2002		---	20.10	---	171.75	151.65
	7/17/2003		---	17.12	---	171.75	154.63
	2/21/2004		---	17.77	---	171.75	153.98
	10/20/2004		---	17.50	---	171.75	154.25
	8/22/2005		---	17.03	---	171.75	154.72
	11/28/2005		---	17.51	---	171.75	154.24
	3/9/2006		---	16.85	---	171.75	154.90
	6/29/2006		---	17.83	---	171.75	153.92
	6/22/2007		---	18.31	---	171.75	153.44
	10/1/2008		---	18.77	---	171.75	152.98
	4/2/2009		---	17.61	---	171.75	154.14
	11/12/2009		---	18.06	---	171.75	153.69
	9/2/2010		---	16.59	---	171.75	155.16
	4/21/2011		---	17.22	---	171.75	154.53
	8/1/2013		---	16.61	---	171.75	155.14
	1/20/2015		---	17.73	---	171.75	154.02
	2/9/2016		---	14.94	---	171.75	156.81
	6/1/2018		---	16.10	---	171.75	155.65
	1/24/2020		---	15.32	---	171.75	156.43
	10/6/2020		---	12.80	---	171.75	158.95
	6/15/2021		---	14.26	---	171.75	157.49
MW-3	12/28/1998	14-24	---	18.28	---	173.70	155.42
	8/18/1999		---	18.81	---	173.70	154.89
	11/1/2000		---	20.51	---	173.70	153.19
	8/21/2001		---	21.10	---	173.70	152.60
	8/17/2002		---	21.79	---	173.70	151.91
	7/17/2003		---	18.83	---	173.70	154.87
	2/21/2004		---	19.60	---	173.70	154.10
	10/20/2004		---	19.25	---	173.70	154.45
	8/22/2005		---	18.87	---	173.70	154.83
	11/28/2005		---	19.13	---	173.70	154.57
	3/9/2006		---	19.84	---	173.70	153.86
	6/29/2006		---	17.89	---	173.70	155.81
	6/22/2007		---	NM	---	173.70	NM
	10/1/2008		---	NM	---	173.70	NM
	4/2/2009		---	NM	---	173.70	NM
	11/12/2009		---	18.57	---	173.70	155.13
	9/2/2010		---	18.32	---	173.70	155.38
	4/21/2011		---	19.15	---	173.70	154.55
	8/1/2013		---	17.93	---	173.70	155.77
	1/20/2015		---	19.55	---	173.70	154.15
	2/9/2016		---	16.62	---	173.70	157.08
	6/1/2018		---	7.85	---	173.70	165.85
	1/24/2020		---	17.08	---	173.70	156.62
	10/6/2020		---	14.50	---	173.70	159.20
	6/15/2021		---	14.57	---	173.70	159.13

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-4	12/28/1998*	14-24	15.89	16.14	0.25	171.17	155.24
	8/18/1999*		16.57	17.85	1.28	171.17	154.41
	11/1/2000*		17.80	20.11	2.31	171.17	153.02
	8/16/2001*		17.55	19.27	1.72	171.17	153.36
	8/17/2002*		19.47	20.80	1.33	171.17	151.50
	7/17/2003*		16.40	16.70	0.30	171.17	154.73
	2/21/2004*		17.27	17.68	0.41	171.17	153.84
	10/20/2004*		16.93	17.05	0.12	171.17	154.22
	8/22/2005		---	16.73	---	171.17	154.44
	11/28/2005		---	17.18	---	171.17	153.99
	3/9/2006		---	16.99	---	171.17	154.18
	6/29/2006		---	17.54	---	171.17	153.63
	6/22/2007		---	17.74	---	171.17	153.43
	10/1/2008		---	18.04	---	171.17	153.13
	4/2/2009		---	NM	---	171.17	NM
	11/12/2009		---	14.55	---	171.17	156.62
	9/2/2010		---	14.33	---	171.17	156.84
	4/21/2011		---	16.58	---	171.17	154.59
	8/1/2013		---	Obstructed	---	171.17	Obstructed
	1/20/2015		---	Obstructed	---	171.17	Obstructed
	2/9/2016		---	12.52	---	171.17	158.65
	6/1/2018		---	Obstructed	---	171.17	Obstructed
MW-4R	1/24/2020	12-22	---	14.77	---	171.22	156.45
	10/6/2020		---	12.22	---	171.22	159.00
	6/15/2021		---	13.46	---	171.22	157.76
MW-4D	1/24/2020	52-57	---	15.37	---	171.17	155.80
	10/6/2020		---	13.51	---	171.17	157.66
	6/15/2021		---	14.90	---	171.17	156.27
MW-5i	8/19/1999	40-45	---	17.12	---	171.15	154.03
	11/1/2000		---	19.21	---	171.15	151.94
	8/21/2001		---	19.01	---	171.15	152.14
	8/17/2002		---	21.18	---	171.15	149.97
	7/17/2003		---	17.45	---	171.15	153.70
	2/21/2004		---	17.79	---	171.15	153.36
	10/20/2004		---	17.53	---	171.15	153.62
	8/22/2005		---	17.17	---	171.15	153.98
	11/28/2005		---	17.66	---	171.15	153.49
	3/9/2006		---	17.11	---	171.15	154.04
	6/29/2006		---	18.15	---	171.15	153.00
	6/22/2007		---	18.53	---	171.15	152.62
	10/1/2008		---	18.46	---	171.15	152.69
	4/2/2009		---	17.24	---	171.15	153.91
	11/12/2009		---	17.96	---	171.15	153.19
	9/2/2010		---	16.65	---	171.15	154.50
	4/21/2011		---	17.08	---	171.15	154.07
	8/1/2013		---	16.95	---	171.15	154.20
	1/20/2015		---	17.48	---	171.15	153.67
	2/9/2016		---	14.35	---	171.15	156.80
	6/1/2018		---	16.00	---	171.15	155.15
	1/24/2020		---	15.04	---	171.15	156.11
	10/6/2020		---	12.59	---	171.15	158.56
	6/15/2021		---	14.09	---	171.15	157.06
MW-6	8/18/1999	12-22	---	17.66	---	171.25	153.59
	11/1/2000		---	18.30	---	171.25	152.95
	8/16/2001		---	17.90	---	171.25	153.35
	8/17/2002		---	19.75	---	171.25	151.50
	7/17/2003		---	16.74	---	171.25	154.51
	2/21/2004		---	17.33	---	171.25	153.92
	10/20/2004		---	16.76	---	171.25	154.49
	8/22/2005		---	16.42	---	171.25	154.83
	11/28/2005		---	16.81	---	171.25	154.44
	3/9/2006		---	17.56	---	171.25	153.69
	6/29/2006		---	18.51	---	171.25	152.74
	6/22/2007		---	17.55	---	171.25	153.70
	10/1/2008		---	17.92	---	171.25	153.33
	4/2/2009		---	14.73	---	171.25	156.52
	11/12/2009		---	15.60	---	171.25	155.65
	9/2/2010		---	15.74	---	171.25	155.51
	4/21/2011		---	16.40	---	171.25	154.85
	8/1/2013		---	16.87	---	171.25	154.38
	1/20/2015		---	Obstructed	---	171.25	Obstructed
	2/9/2016		---	14.09	---	171.25	157.16
	6/1/2018		---	15.34	---	171.25	155.91
	1/24/2020		---	14.55	---	171.25	156.70
	10/6/2020		---	12.04	---	171.25	159.21
	6/15/2021		---	12.91	---	171.25	158.34

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-7	8/18/1999*	12-22	16.52	18.21	1.69	171.23	154.46
	11/2/2000*		17.94	20.77	2.83	171.23	152.87
	8/24/2001*		17.75	19.99	2.24	171.23	153.14
	8/17/2002*		19.40	22.00	2.60	171.23	151.44
	7/17/2003*		16.80	17.15	0.35	171.23	154.38
	2/21/2004*		17.42	18.51	1.09	171.23	153.65
	10/20/2004		---	17.39	---	171.23	153.84
	8/22/2005		Sheen	17.00	Sheen	171.23	154.23
	11/28/2005		---	17.46	---	171.23	153.77
	3/9/2006		---	17.60	---	171.23	153.63
	6/29/2006*		18.02	19.52	1.50	171.23	152.99
	6/22/2007*		17.99	19.18	1.19	171.23	153.06
	10/1/2008*		18.79	20.09	1.30	171.23	152.25
	4/2/2009		NM	NM	0.25	171.23	N/A
	11/12/2009		---	17.97	---	171.23	153.26
	9/2/2010		---	16.57	---	171.23	154.66
	4/21/2011		---	17.10	---	171.23	154.13
	8/1/2013		---	16.68	---	171.23	154.55
	1/20/2015		---	15.52	---	171.23	155.71
	2/9/2016		---	14.92	---	171.23	156.31
	6/1/2018		---	16.01	---	171.23	155.22
	1/23/2020		---	15.87	---	171.23	155.36
	10/6/2020		---	12.83	---	171.23	158.40
	6/15/2021		---	13.64	---	171.23	157.59
MW-8	8/18/1999	13-23	---	17.74	---	172.15	154.41
	11/2/2000*		18.83	21.30	2.47	172.15	152.95
	8/24/2001*		18.63	20.48	1.85	172.15	153.24
	8/17/2002*		19.96	22.60	2.64	172.15	151.79
	7/17/2003*		17.82	17.85	0.03	172.15	154.33
	2/21/2004*		18.56	18.63	0.07	172.15	153.58
	10/20/2004		---	18.30	---	172.15	153.85
	8/22/2005		---	17.90	---	172.15	154.25
	11/28/2005		---	18.35	---	172.15	153.80
	3/9/2006		---	18.49	---	172.15	153.66
	6/29/2006*		19.41	19.51	0.10	172.15	152.73
	6/22/2007		---	19.01	---	172.15	153.14
	10/1/2008*		19.54	19.64	0.10	172.15	152.60
	4/2/2009		---	18.42	---	172.15	153.73
	11/12/2009		---	18.26	---	172.15	153.89
	9/2/2010		---	17.45	---	172.15	154.70
	4/21/2011		---	17.95	---	172.15	154.20
	8/1/2013		---	17.55	---	172.15	154.60
	1/20/2015		---	18.64	---	172.15	153.51
	2/9/2016		---	15.83	---	172.15	156.32
	6/1/2018		---	17.88	---	172.15	154.27
	1/23/2020		---	16.14	---	172.15	156.01
	10/6/2020		---	13.71	---	172.15	158.44
	6/15/2021		---	14.41	---	172.15	157.74
MW-9	8/18/1999*	13-23	16.69	16.99	0.30	170.53	153.80
	11/2/2000*		17.76	20.22	2.46	170.53	152.40
	8/24/2001*		17.50	19.58	2.08	170.53	152.72
	8/17/2002*		19.11	21.42	2.31	170.53	151.07
	7/17/2003*		16.73	16.85	0.12	170.53	153.78
	2/21/2004*		17.26	17.77	0.51	170.53	153.19
	10/20/2004		---	17.25	---	170.53	153.28
	8/22/2005		---	16.80	---	170.53	153.73
	11/28/2005		---	17.33	---	170.53	153.20
	3/9/2006		---	17.32	---	170.53	153.21
	6/29/2006*		18.35	18.43	0.08	170.53	152.17
	6/22/2007		---	17.98	---	170.53	152.55
	10/1/2008		---	18.48	---	170.53	152.05
	4/2/2009		---	19.23	---	170.53	151.30
	11/12/2009		---	17.73	---	170.53	152.80
	9/2/2010		---	16.35	---	170.53	154.18
	4/21/2011		---	16.80	---	170.53	153.73
	8/1/2013		---	Abandoned	---	170.53	Abandoned
MW-10	8/18/1999	13-23	---	16.60	---	170.31	153.71
	11/2/2000*		17.51	20.36	2.85	170.31	152.37
	8/24/2001*		17.27	19.83	2.56	170.31	152.66
	8/17/2002*		18.65	21.58	2.93	170.31	151.22
	7/17/2003*		16.49	17.56	1.07	170.31	153.66
	2/21/2004*		16.94	18.65	1.71	170.31	153.11
	10/20/2004*		16.97	17.95	0.98	170.31	153.19
	8/22/2005		---	16.79	---	170.31	153.52
	11/28/2005		---	16.83	---	170.31	153.48
	3/9/2006		---	17.35	---	170.31	152.96
	6/29/2006*		18.31	18.46	0.15	170.31	151.98
	6/22/2007*		17.78	18.22	0.44	170.31	152.46
	10/1/2008*		18.58	19.16	0.58	170.31	151.64
	4/2/2009		---	18.71	---	170.31	151.60
	11/12/2009*		17.62	17.77	0.15	170.31	152.67
	9/2/2010*		16.33	16.34	0.01	170.31	153.98
	4/21/2011		---	16.74	---	170.31	153.57
	8/1/2013		---	Abandoned	---	170.31	Abandoned

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-11	8/18/1999	13-23	---	15.95	---	N/A	N/A
	11/2/2000		---	17.66	---	N/A	N/A
	8/16/2001		---	17.23	---	N/A	N/A
	8/17/2002		---	19.30	---	N/A	N/A
	7/18/2003		---	15.96	---	N/A	N/A
	2/21/2004		---	16.51	---	N/A	N/A
	10/20/2004		---	NL	---	N/A	NL
	8/22/2005		---	NL	---	N/A	NL
	11/28/2005		---	NL	---	N/A	NL
	3/9/2006		---	NL	---	N/A	NL
	6/29/2006		---	NL	---	N/A	NL
	6/22/2007		---	NL	---	N/A	NL
	10/1/2008		---	NL	---	N/A	NL
	4/2/2009		---	NL	---	N/A	NL
	11/12/2009		---	NL	---	N/A	NL
MW-11R	3/17/2010	13-23	---	15.19	---	170.33	155.14
	9/2/2010		---	15.59	---	170.33	154.74
	4/21/2011		---	16.11	---	170.33	154.22
	8/1/2013		---	15.54	---	170.33	154.79
	1/20/2015		---	16.56	---	170.33	153.77
	2/9/2016		---	13.65	---	170.33	156.68
	6/1/2018		---	14.97	---	170.33	155.36
	1/24/2020		---	14.14	---	170.33	156.19
	10/6/2020		---	11.60	---	170.33	158.73
	6/14/2021		---	13.45	---	170.33	156.88
MW-12	8/19/1999	10-30	---	17.62	---	172.28	154.66
	11/1/2000*		18.63	21.38	2.75	172.28	153.24
	8/24/2001*		18.50	20.41	1.91	172.28	153.49
	8/17/2002*		20.08	22.73	2.65	172.28	151.80
	7/17/2003*		17.60	17.90	0.30	172.28	154.64
	2/21/2004*		18.08	19.18	1.10	172.28	154.04
	10/20/2004*		17.93	18.57	0.64	172.28	154.25
	8/22/2005		Sheen	17.65	Sheen	172.28	154.63
	11/28/2005		---	18.04	---	172.28	154.24
	3/9/2006		---	DRY	---	172.28	DRY
	6/29/2006		---	DRY	---	172.28	DRY
	6/22/2007		---	DRY	---	172.28	DRY
	10/1/2008		---	NM	---	172.28	NM
	4/2/2009		---	29.40	---	172.28	142.88
	11/12/2009		---	18.31	---	172.28	153.97
	9/2/2010		---	17.13	---	172.28	155.15
	4/21/2011		---	17.73	---	172.28	154.55
	8/1/2013		---	17.14	---	172.28	155.14
	1/20/2015		---	18.26	---	172.28	154.02
	2/9/2016		---	15.47	---	172.28	156.81
	6/1/2018		---	16.71	---	172.28	155.57
	1/24/2020		---	15.84	---	172.28	156.44
	10/6/2020		---	13.35	---	172.28	158.93
	6/15/2021		---	14.28	---	172.28	158.00
MW-13	10/18/1999	13-23	---	18.73	---	172.43	153.70
	11/1/2000		---	19.84	---	172.43	152.59
	8/20/2001		---	19.42	---	172.43	153.01
	8/17/2002		---	20.91	---	172.43	151.52
	7/17/2003		---	18.21	---	172.43	154.22
	2/21/2004		---	19.06	---	172.43	153.37
	10/20/2004		---	18.78	---	172.43	153.65
	8/22/2005		---	18.37	---	172.43	154.06
	11/28/2005		---	18.72	---	172.43	153.71
	3/9/2006		---	18.92	---	172.43	153.51
	6/29/2006		---	19.92	---	172.43	152.51
	6/22/2007		---	17.17	---	172.43	155.26
	10/1/2008		---	NM	---	172.43	NM
	4/2/2009		---	NM	---	172.43	NM
	11/12/2009		---	19.34	---	172.43	153.09
	9/2/2010		---	17.96	---	172.43	154.47
	4/21/2011		---	18.37	---	172.43	154.06
	8/1/2013		---	17.97	---	172.43	154.46
	1/20/2015		---	19.00	---	172.43	153.43
	2/9/2016		---	16.28	---	172.43	156.15
	6/1/2018		---	17.30	---	172.43	155.13
	1/23/2020		---	16.54	---	172.43	155.89
	10/6/2020		---	14.20	---	172.43	158.23
	6/15/2021		---	15.04	---	172.43	157.39
MW-13i	1/23/2020	40-45	---	17.38	---	172.40	155.02
	10/6/2020		---	14.44	---	172.40	157.96
	6/15/2021		---	15.54	---	172.40	156.86
MW-13D	1/23/2020	53-58	---	13.80	---	172.34	158.54
	10/6/2020		---	15.12	---	172.34	157.22
	6/15/2021		---	16.70	---	172.34	155.64

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-14	10/18/1999	10-20	---	12.81	---	164.01	151.20
	11/2/2000		---	13.98	---	164.01	150.03
	8/21/2001		---	13.83	---	164.01	150.18
	8/17/2002		---	15.13	---	164.01	148.88
	7/18/2003		---	12.81	---	164.01	151.20
	3/6/2004		---	12.35	---	164.01	151.66
	10/20/2004		---	13.21	---	164.01	150.80
	8/22/2005		---	12.91	---	164.01	151.10
	11/28/2005		---	13.28	---	164.01	150.73
	3/9/2006		---	12.61	---	164.01	151.40
	6/29/2006		---	13.65	---	164.01	150.36
	6/22/2007		---	13.76	---	164.01	150.25
	10/1/2008		---	NM	---	164.01	NM
	4/2/2009		---	12.40	---	164.01	151.61
	11/12/2009		---	13.35	---	164.01	150.66
	9/2/2010		---	12.51	---	164.01	151.50
	4/21/2011		---	12.49	---	164.01	151.52
	8/1/2013		---	11.81	---	164.01	152.20
	1/20/2015		---	12.63	---	164.01	151.38
	2/9/2016		---	10.39	---	164.01	153.62
	6/1/2018		---	11.21	---	164.01	152.80
	1/23/2020		---	10.61	---	164.01	153.40
	10/6/2020		---	10.12	---	164.01	153.89
	6/14/2021		---	10.33	---	164.01	153.68
MW-15	10/18/1999	8-18	---	11.86	---	163.92	152.06
	11/1/2000		---	13.06	---	163.92	150.86
	8/21/2001		---	12.65	---	163.92	151.27
	8/17/2002		---	14.14	---	163.92	149.78
	7/18/2003		---	11.34	---	163.92	152.58
	2/21/2004		---	11.75	---	163.92	152.17
	10/20/2004		---	13.46	---	163.92	150.46
	8/22/2005		---	11.81	---	163.92	152.11
	11/28/2005		---	12.26	---	163.92	151.66
	3/9/2006		---	13.02	---	163.92	150.90
	6/29/2006		---	12.73	---	163.92	151.19
	6/22/2007		---	12.56	---	163.92	151.36
	10/1/2008		---	NM	---	163.92	NM
	4/2/2009		---	11.44	---	163.92	152.48
	11/12/2009		---	12.35	---	163.92	151.57
	9/2/2010		---	11.05	---	163.92	152.87
	4/21/2011		---	11.24	---	163.92	152.68
	8/1/2013		---	10.53	---	163.92	153.39
	1/20/2015		---	5.61	---	163.92	158.31
	2/9/2016		---	9.95	---	163.92	153.97
	6/1/2018		---	10.70	---	163.92	153.22
	1/23/2020		---	9.53	---	163.92	154.39
	10/6/2020		---	8.41	---	163.92	155.51
	6/14/2021		---	9.02	---	163.92	154.90
MW-16	10/18/1999	10-20	---	13.67	---	166.77	153.10
	11/1/2000		---	14.88	---	166.77	151.89
	8/16/2001		---	14.31	---	166.77	152.46
	8/17/2002		---	16.07	---	166.77	150.70
	7/18/2003		---	13.02	---	166.77	153.75
	2/21/2004		---	13.70	---	166.77	153.07
	10/20/2004		---	11.84	---	166.77	154.93
	8/22/2005		---	13.15	---	166.77	153.62
	11/28/2005		---	13.74	---	166.77	153.03
	3/9/2006		---	14.51	---	166.77	152.26
	6/29/2006		---	14.58	---	166.77	152.19
	6/22/2007		---	14.41	---	166.77	152.36
	10/1/2008		---	NM	---	166.77	NM
	4/2/2009		---	NM	---	166.77	NM
	11/12/2009		---	14.13	---	166.77	152.64
	9/2/2010		---	12.64	---	166.77	154.13
	4/21/2011		---	13.13	---	166.77	153.64
	8/1/2013		---	12.55	---	166.77	154.22
	1/20/2015		---	13.66	---	166.77	153.11
	2/9/2016		---	10.93	---	166.77	155.84
	6/1/2018		---	12.12	---	166.77	154.65
	1/23/2020		---	11.42	---	166.77	155.35
	10/6/2020		---	10.11	---	166.77	156.66
	6/14/2021		---	10.14	---	166.77	156.63
MW-16i	1/23/2020	40-45	---	11.64	---	166.66	155.02
	10/6/2020		---	10.02	---	166.66	156.64
	6/14/2021		---	10.84	---	166.66	155.82
MW-16D	1/23/2020	55-60	---	12.77	---	166.78	154.01
	10/6/2020		---	10.83	---	166.78	155.95
	6/14/2021		---	13.34	---	166.78	153.44

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-17	11/8/2000	10-20	---	12.88	---	N/A	N/A
	8/24/2001		---	12.65	---	N/A	N/A
	8/17/2002		---	NL	---	N/A	NL
	7/18/2008		---	NL	---	N/A	NL
	2/21/2004		---	NL	---	N/A	NL
	10/20/2004		---	NL	---	N/A	NL
	8/22/2005		---	NL	---	N/A	NL
	11/28/2005		---	NL	---	N/A	NL
	3/9/2006		---	NL	---	N/A	NL
	6/29/2006		---	NL	---	N/A	NL
	6/22/2007		---	NL	---	N/A	NL
	10/1/2008		---	NL	---	N/A	NL
	4/2/2009		---	NL	---	N/A	NL
	11/12/2009		---	NL	---	N/A	NL
MW-17R	3/17/2010	10-20	---	11.73	---	163.81	152.08
	9/2/2010		---	13.05	---	163.81	150.76
	4/21/2011		---	12.55	---	163.81	151.26
	8/1/2013		---	11.65	---	163.81	152.16
	1/20/2015		---	13.63	---	163.81	150.18
	2/9/2016		---	10.18	---	163.81	153.63
	6/1/2018		---	11.02	---	163.81	152.79
	1/23/2020		---	10.47	---	163.81	153.34
	10/6/2020		---	9.64	---	163.81	154.17
	6/14/2021		---	10.21	---	163.81	153.60
MW-18	11/8/2000	10-20	---	14.93	---	165.04	150.11
	8/20/2001		---	14.43	---	165.04	150.61
	8/17/2002		---	15.83	---	165.04	149.21
	7/18/2003		---	13.39	---	165.04	151.65
	2/21/2004		---	13.43	---	165.04	151.61
	10/20/2004		---	13.80	---	165.04	151.24
	8/22/2005		---	13.50	---	165.04	151.54
	11/28/2005		---	13.87	---	165.04	151.17
	3/9/2006		---	14.41	---	165.04	150.63
	6/29/2006		---	18.02	---	165.04	147.02
	6/22/2007		---	NM	---	165.04	NM
	10/1/2008		---	NM	---	165.04	NM
	4/2/2009		---	NM	---	165.04	NM
	11/12/2009		---	0.00	---	165.04	165.04
	9/2/2010		---	4.30	---	165.04	160.74
	4/21/2011		---	13.10	---	165.04	151.94
	8/1/2013		---	12.20	---	165.04	152.84
	1/20/2015		---	13.48	---	165.04	151.56
	2/9/2016		---	10.83	---	165.04	154.21
	6/1/2018		---	11.71	---	165.04	153.33
	1/23/2020		---	11.22	---	165.04	153.82
	10/6/2020		---	10.10	---	165.04	154.94
	6/14/2021		---	10.86	---	165.04	154.18
MW-19	11/8/2000	3-13	---	5.13	---	149.34	144.21
	8/21/2001		---	5.09	---	149.34	144.25
	8/17/2002		---	6.04	---	149.34	143.30
	7/18/2003		---	4.45	---	149.34	144.89
	3/6/2004		---	3.65	---	149.34	145.69
	10/20/2004		---	NL	---	149.34	NL
	8/22/2005		---	NL	---	149.34	NL
	11/28/2005		---	5.87	---	149.34	143.47
	3/9/2006		---	3.89	---	149.34	145.45
	6/29/2006		---	4.79	---	149.34	144.55
	6/22/2007		---	NM	---	149.34	NM
	10/1/2008		---	NM	---	149.34	NM
	4/2/2009		---	NL	---	149.34	NL
	11/12/2009		---	NL	---	149.34	NL
	3/17/2010		---	3.38	---	149.34	145.96
	9/2/2010		---	3.11	---	149.34	146.23
	4/21/2011		---	3.96	---	149.34	145.38
	8/1/2013		---	3.04	---	149.34	146.30
	1/20/2015		---	3.51	---	149.34	145.83
	2/9/2016		---	2.69	---	149.34	146.65
	6/1/2018		---	NL	---	149.34	NL
	1/24/2020		---	2.94	---	149.34	146.40
	10/6/2020		---	2.88	---	149.34	146.46
	6/15/2021		---	3.72	---	149.34	145.62

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-20	11/8/2000	3-13	---	3.40	---	153.24	149.84
	8/21/2001		---	3.59	---	153.24	149.65
	8/17/2002		---	4.67	---	153.24	148.57
	7/18/2003		---	2.71	---	153.24	150.53
	3/6/2004		---	1.85	---	153.24	151.39
	10/20/2004		---	NL	---	153.24	NL
	8/22/2005		---	NL	---	153.24	NL
	11/28/2005		---	6.14	---	153.24	147.10
	3/9/2006		---	2.89	---	153.24	150.35
	6/29/2006		---	1.54	---	153.24	151.70
	6/22/2007		---	2.86	---	153.24	150.38
	10/1/2008		---	NM	---	153.24	NM
	4/2/2009		---	1.61	---	153.24	151.63
	11/12/2009		---	1.92	---	153.24	151.32
	9/2/2010		---	6.35	---	153.24	146.89
	4/21/2011		---	NL	---	153.24	NL
	8/1/2013		---	NL	---	153.24	NL
	1/20/2015		---	NL	---	153.24	NL
	2/9/2016		---	NL	---	153.24	NL
	6/1/2018		---	NL	---	153.24	NL
	1/23/2020		---	4.00	---	153.24	149.24
	10/6/2020		---	3.75	---	153.24	149.49
	6/14/2021		---	4.52	---	153.24	148.72
MW-21	8/20/2001	3-8	---	2.90	---	145.46	142.56
	8/18/2002		---	2.43	---	145.46	143.03
	7/18/2003		---	0.70	---	145.46	144.76
	3/6/2004		---	0.00	---	145.46	145.46
	10/20/2004		---	1.22	---	145.46	144.24
	8/22/2005		---	NL	---	145.46	NL
	11/28/2005		---	6.21	---	145.46	139.25
	3/9/2006		---	1.71	---	145.46	143.75
	6/29/2006		---	1.50	---	145.46	143.96
	6/22/2007		---	NM	---	145.46	NM
	10/1/2008		---	NM	---	145.46	NM
	4/2/2009		---	NL	---	145.46	NL
	11/12/2009		---	0.07	---	145.46	145.39
	9/2/2010		---	NL	---	145.46	NL
	4/21/2011		---	1.75	---	145.46	143.71
	8/1/2013		---	NL	---	145.46	NL
	1/20/2015		---	NL	---	145.46	NL
	2/9/2016		---	NL	---	145.46	NL
	6/1/2018		---	NL	---	145.46	NL
	1/24/2020		---	NL	---	145.46	NL
	10/6/2020		---	NL	---	145.46	NL
	6/14/2021		---	NL	---	145.46	NL
MW-22	8/20/2001	3-13	---	2.50	---	145.86	143.36
	8/18/2002		---	2.40	---	145.86	143.46
	7/18/2003		---	0.85	---	145.86	145.01
	3/6/2004		---	0.00	---	145.86	145.86
	10/20/2004		---	0.60	---	145.86	145.26
	8/22/2005		---	NL	---	145.86	NL
	11/28/2005		---	5.88	---	145.86	139.98
	3/9/2006		---	2.15	---	145.86	143.71
	6/29/2006		---	1.13	---	145.86	144.73
	6/22/2007		---	NM	---	145.86	NM
	10/1/2008		---	NM	---	145.86	NM
	4/2/2009		---	NL	---	145.86	NL
	11/12/2009		---	0.95	---	145.86	144.91
	9/2/2010		---	NL	---	145.86	NL
	4/21/2011		---	1.65	---	145.86	144.21
	8/1/2013		---	NL	---	145.86	NL
	1/20/2015		---	NL	---	145.86	NL
	2/9/2016		---	NL	---	145.86	NL
	6/1/2018		---	NL	---	145.86	NL
	1/23/2020		---	1.63	---	145.86	144.23
	10/6/2020		---	1.10	---	145.86	144.76
	6/14/2021		---	1.49	---	145.86	144.37
MW-23	8/20/2001	3-13	---	0.60	---	145.47	144.87
	8/18/2002		---	0.93	---	145.47	144.54
	7/18/2003		---	0.10	---	145.47	145.37
	3/6/2004		---	0.00	---	145.47	145.47
	10/20/2004		---	0.60	---	145.47	144.87
	8/22/2005		---	NL	---	145.47	NL
	11/28/2005		---	5.91	---	145.47	139.56
	3/9/2006		---	2.02	---	145.47	143.45
	6/29/2006		---	0.00	---	145.47	145.47
	6/22/2007		---	NM	---	145.47	NM
	10/1/2008		---	NM	---	145.47	NM
	4/2/2009		---	NL	---	145.47	NL
	11/12/2009		---	0.00	---	145.47	145.47
	9/2/2010		---	NL	---	145.47	NL
	4/21/2011		---	0.60	---	145.47	144.87
	8/1/2013		---	NL	---	145.47	NL
	1/20/2015		---	NL	---	145.47	NL
	2/9/2016		---	NL	---	145.47	NL
	6/1/2018		---	NL	---	145.47	NL
	1/23/2020		---	0.00	---	145.47	145.47
	10/6/2020		---	0.00	---	145.47	145.47
	6/14/2021		---	0.50	---	145.47	144.97

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-24	8/20/2001	3-13	---	0.70	---	144.62	143.92
	8/18/2002		---	0.65	---	144.62	143.97
	7/18/2003		---	0.08	---	144.62	144.54
	3/6/2004		---	0.00	---	144.62	144.62
	10/20/2004		---	0.60	---	144.62	144.02
	8/22/2005		---	NL	---	144.62	NL
	11/28/2005		---	5.77	---	144.62	138.85
	3/9/2006		---	NL	---	144.62	NL
	6/29/2006		---	1.00	---	144.62	143.62
	6/22/2007		---	NM	---	144.62	NM
	10/1/2008		---	NM	---	144.62	NM
	4/2/2009		---	NL	---	144.62	NL
	11/12/2009		---	NL	---	144.62	NL
	9/2/2010		---	NL	---	144.62	NL
	4/21/2011		---	NL	---	144.62	NL
	8/1/2013		---	NL	---	144.62	NL
	1/20/2015		---	NL	---	144.62	NL
	2/9/2016		---	NL	---	144.62	NL
	6/1/2018		---	NL	---	144.62	NL
	1/24/2020		---	NL	---	144.62	NL
	10/6/2020		---	NL	---	144.62	NL
	6/14/2021		---	NL	---	144.62	NL
MW-25	7/18/2003	6-16	---	10.08	---	162.47	152.39
	3/6/2004		---	9.87	---	162.47	152.60
	10/20/2004		---	10.61	---	162.47	151.86
	8/22/2005		---	10.28	---	162.47	152.19
	11/28/2005		---	9.78	---	162.47	152.69
	3/9/2006		---	10.33	---	162.47	152.14
	6/29/2006		---	11.15	---	162.47	151.32
	6/22/2007		---	NM	---	162.47	NM
	10/1/2008		---	NM	---	162.47	NM
	4/2/2009		---	10.06	---	162.47	152.41
	11/12/2009		---	11.14	---	162.47	151.33
	9/2/2010		---	9.80	---	162.47	152.67
	4/21/2011		---	9.85	---	162.47	152.62
	8/1/2013		---	9.16	---	162.47	153.31
	1/20/2015		---	10.33	---	162.47	152.14
	2/9/2016		---	7.56	---	162.47	154.91
	6/1/2018		---	8.50	---	162.47	153.97
	1/23/2020		---	7.75	---	162.47	154.72
	10/6/2020		---	6.28	---	162.47	156.19
	6/14/2021		---	7.29	---	162.47	155.18
MW-26	7/18/2003	5-15	---	5.51	---	150.23	144.72
	3/6/2004		---	4.00	---	150.23	146.23
	10/20/2004		---	5.56	---	150.23	144.67
	8/22/2005		---	NL	---	150.23	NL
	11/28/2005		---	10.22	---	150.23	140.01
	3/9/2006		---	5.19	---	150.23	145.04
	6/29/2006		---	5.81	---	150.23	144.42
	6/22/2007		---	NM	---	150.23	NM
	10/1/2008		---	NM	---	150.23	NM
	4/2/2009		---	4.11	---	150.23	146.12
	11/12/2009		---	NL	---	150.23	NL
	9/2/2010		---	NL	---	150.23	NL
	4/21/2011		---	NL	---	150.23	NL
	8/1/2013		---	NL	---	150.23	NL
	1/20/2015		---	NL	---	150.23	NL
	2/9/2016		---	NL	---	150.23	NL
	6/1/2018		---	NL	---	150.23	NL
	1/23/2020		---	3.25	---	150.23	146.98
	10/6/2020		---	3.46	---	150.23	146.77
	6/14/2021		---	5.19	---	150.23	145.04
MW-27	7/18/2003	6-16	---	2.05	---	146.19	144.14
	3/6/2004		---	0.00	---	146.19	146.19
	10/20/2004		---	1.53	---	146.19	144.66
	8/22/2005		---	NL	---	146.19	NL
	11/28/2005		---	5.91	---	146.19	140.28
	3/9/2006		---	1.68	---	146.19	144.51
	6/29/2006		---	1.68	---	146.19	144.51
	6/22/2007		---	NM	---	146.19	NM
	10/1/2008		---	NM	---	146.19	NM
	4/2/2009		---	NL	---	146.19	NL
	11/12/2009		---	2.19	---	146.19	144.00
	9/2/2010		---	NL	---	146.19	NL
	4/21/2011		---	3.00	---	146.19	143.19
	8/1/2013		---	NL	---	146.19	NL
	1/20/2015		---	NL	---	146.19	NL
	2/9/2016		---	NL	---	146.19	NL
	6/1/2018		---	NL	---	146.19	NL
	1/24/2020		---	2.51	---	146.19	143.68
	10/6/2020		---	2.60	---	146.19	143.59
	6/15/2021		---	2.28	---	146.19	143.91

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-28	3/17/2010	2-12	---	4.81	---	153.73	148.92
	9/2/2010		---	5.65	---	153.73	148.08
	4/21/2011		---	5.31	---	153.73	148.42
	8/1/2013		---	1.51	---	153.73	152.22
	1/20/2015		---	2.00	---	153.73	151.73
	2/9/2016		---	3.18	---	153.73	150.55
	6/1/2018		---	NL	---	153.73	NL
	1/23/2020		---	4.16	---	153.73	149.57
	10/6/2020		---	3.45	---	153.73	150.28
	6/14/2021		---	3.96	---	153.73	149.77
MW-29	1/23/2020	10-20	---	13.73	---	169.20	155.47
	10/6/2020		---	12.11	---	169.20	157.09
	6/14/2021		---	12.63	---	169.20	156.57
MW-29i	1/23/2020	40-45	---	14.11	---	169.12	155.01
	10/6/2020		---	12.14	---	169.12	156.98
	6/14/2021		---	12.75	---	169.12	156.37
MW-29D	1/23/2020	55-60	---	14.72	---	169.08	154.36
	10/6/2020		---	13.42	---	169.08	155.66
	6/14/2021		---	15.34	---	169.08	153.74
MW-30	1/23/2020	10-20	---	10.48	---	168.05	157.57
	10/6/2020		---	11.68	---	168.05	156.37
	6/14/2021		---	12.26	---	168.05	155.79
MW-31	1/23/2020	10-20	---	13.52	---	167.65	154.13
	10/6/2020		---	12.09	---	167.65	155.56
	6/14/2021		---	12.68	---	167.65	154.97
MW-32	1/23/2020	10-20	---	13.09	---	168.07	154.98
	10/6/2020		---	11.28	---	168.07	156.79
	6/14/2021		---	11.82	---	168.07	156.25
MW-33	1/23/2020	10-20	---	13.85	---	169.33	155.48
	10/6/2020		---	11.64	---	169.33	157.69
	6/14/2021		---	12.28	---	169.33	157.05
MW-34	1/23/2020	10-20	---	14.28	---	170.36	156.08
	10/6/2020		---	12.54	---	170.36	157.82
	6/15/2021		---	13.19	---	170.36	157.17
MW-35	1/23/2020	10-20	---	13.72	---	171.18	157.46
	10/6/2020		---	13.32	---	171.18	157.86
	6/15/2021		---	14.00	---	171.18	157.18
TFR-1	9/2/2010	TD: 24.40'	---	16.31	---	171.56	155.25
	4/21/2011		---	16.95	---	171.56	154.61
	8/1/2013		---	17.31	---	171.56	154.25
	1/20/2015		---	17.40	---	171.56	154.16
	2/9/2016		---	14.74	---	171.56	156.82
	6/1/2018		---	15.87	---	171.56	155.69
	1/24/2020		---	15.18	---	171.56	156.38
	10/6/2020		---	12.55	---	171.56	159.01
	6/15/2021		---	13.45	---	171.56	158.11
TFR-2	9/2/2010	TD: 24.00'	---	16.80	---	172.02	155.22
	4/21/2011		---	17.61	---	172.02	154.41
	8/1/2013		---	17.10	---	172.02	154.92
	1/20/2015		---	18.86	---	172.02	153.16
	2/9/2016		---	15.34	---	172.02	156.68
	6/1/2018		---	16.50	---	172.02	155.52
	1/24/2020		---	15.63	---	172.02	156.39
	10/6/2020		---	13.20	---	172.02	158.82
	6/15/2021		---	13.98	---	172.02	158.04
TFR-3	9/2/2010*	TD: 25.20'	16.79	16.88	0.09	171.48	154.68
	4/21/2011		---	17.33	---	171.48	154.15
	8/1/2013		---	16.92	---	171.48	154.56
	1/20/2015		---	17.87	---	171.48	153.61
	2/9/2016		---	15.20	---	171.48	156.28
	6/1/2018		---	16.23	---	171.48	155.25
	1/23/2020		---	15.55	---	171.48	155.93
	10/6/2020		---	13.12	---	171.48	158.36
	6/15/2021		---	13.88	---	171.48	157.60

TABLE 2
POTENTIOMETRIC DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC SITE ID NUMBER 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
TFR-4	9/2/2010*	TD: 24.30'	16.65	16.70	0.05	171.35	154.69
	4/21/2011*		17.31	17.55	0.24	171.35	154.00
	8/1/2013		---	16.87	---	171.35	154.48
	1/20/2015		---	17.70	---	171.35	153.65
	2/9/2016		---	15.11	---	171.35	156.24
	6/1/2018		---	16.20	---	171.35	155.15
	1/23/2020		---	15.62	---	171.35	155.73
	10/6/2020		---	13.02	---	171.35	158.33
	6/15/2021		---	13.63	---	171.35	157.72
TFR-5	9/2/2010	TD: 25.00'	---	0.30	---	171.34	171.04
	4/21/2011		---	0.00	---	171.34	171.34
	8/1/2013		---	Abandoned	---	171.34	Abandoned
TFR-6	9/2/2010	TD: 22.18'	---	16.65	---	171.03	154.38
	4/21/2011		---	17.14	---	171.03	153.89
	8/1/2013		---	16.80	---	171.03	154.23
	1/20/2015*		16.48	16.50	0.02	171.03	154.55
	2/9/2016		---	15.05	---	171.03	155.98
	6/1/2018		---	16.57	---	171.03	154.46
	1/23/2020		---	12.62	---	171.03	158.41
	10/6/2020		---	13.03	---	171.03	158.00
	6/15/2021		---	13.71	---	171.03	157.32
TFR-7	9/2/2010*	TD: 25.00'	16.55	16.57	0.02	170.92	154.37
	4/21/2011*		16.98	18.40	1.42	170.92	153.73
	8/1/2013		---	Abandoned	---	170.92	Abandoned
TFR-8	9/2/2010	TD: 25.00'	---	16.65	---	170.74	154.09
	4/21/2011		---	17.09	---	170.74	153.65
	8/1/2013		---	Abandoned	---	170.74	Abandoned
TFR-9	9/2/2010	TD: 25.01'	---	15.84	---	169.85	154.01
	4/21/2011		---	16.22	---	169.85	153.63
	8/1/2013		---	16.10	---	169.85	153.75
	1/20/2015		---	NL	---	169.85	NL
	2/9/2016		---	NL	---	169.85	NL
	6/1/2018		---	NL	---	169.85	NL
	1/23/2020		---	14.61	---	169.85	155.24
	10/6/2020		---	12.35	---	169.85	157.50
	6/15/2021		---	12.91	---	169.85	156.94
TFR-10	9/2/2010	TD: 24.92'	---	15.19	---	168.99	153.80
	4/21/2011		---	15.56	---	168.99	153.43
	8/1/2013		---	16.08	---	168.99	152.91
	1/20/2015		---	16.69	---	168.99	152.30
	2/9/2016		---	14.31	---	168.99	154.68
	6/1/2018		---	15.17	---	168.99	153.82
	1/23/2020		---	13.94	---	168.99	155.05
	10/6/2020		---	11.78	---	168.99	157.21
	6/14/2021		---	12.28	---	168.99	156.71
TFR-11	9/2/2010	TD: 25.03'	---	15.28	---	168.71	153.43
	4/21/2011		---	15.59	---	168.71	153.12
	8/1/2013		---	15.33	---	168.71	153.38
	1/20/2015		---	NL	---	168.71	NL
	2/9/2016		---	NL	---	168.71	NL
	6/1/2018		---	NL	---	168.71	NL
	1/23/2020		---	14.08	---	168.71	154.63
	10/6/2020		---	12.04	---	168.71	156.67
	6/14/2021		---	12.54	---	168.71	156.17
TFR-12	9/2/2010*	TD: 20.00'	15.24	16.15	0.91	169.21	153.83
	4/21/2011		---	15.80	---	169.21	153.41
	8/1/2013*		15.56	15.59	0.03	169.21	153.65
	1/20/2015		---	16.00	---	169.21	153.21
	2/9/2016		---	13.60	---	169.21	155.61
	6/1/2018		---	14.48	---	169.21	154.73
	1/23/2020		---	Obstructed	---	169.21	Obstructed
	10/6/2020*		11.93	12.58	0.65	169.21	157.18
	6/14/2021		---	12.71	---	169.21	156.50

Notes:

1. Elevations based on assumed site datum.
2. Groundwater depths were measured from the top of the PVC riser pipe.
3. Groundwater levels measured on 6/14/2021.
4. NL = Not Located
5. NM = Not Measured
6. * = Grounwater elevation corrected for the presence of free product using a specific gravity of 0.85.

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	*1,000*	*700*	*10,000*	*25*	*40*	*5*	*0.05*	*15*	*240*	*128*	*NE*	*1,400*	*NE*	*150*	*10,000*	*47*
MW-1	12/28/1998	**1,760**	**14,600**	**3,460**	**8,580**	**449**	<5.0	NT	NT	**144**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/1999	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	11/1/2000	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/21/2001	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/17/2002	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	7/17/2003	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/21/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/22/2007	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/1/2008	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-1R	3/17/2010	**2,840**	**34,800**	**5,860**	**28,500**	**829**	<250	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**3,990**	**33,200**	**5,270**	**24,600**	<1,250	<1,250	<1,250	**26.3**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	4/21/2011	**2,790**	**28,100**	**4,710**	**22,700**	**544J**	<1,250	<1,250	**16.0**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	8/1/2013	**830**	**14,000**	**3,400**	**17,000**	**540**	<500	<500	**3.6**	NT	**1,600J**	<1,000	<10,000	<10,000	<10,000	<1,000	<100,000	<10,000
	1/20/2015	**998J**	**19,100**	**2,850**	**15,400**	<1,250	<5.0	<5.0	**2.6**	NT	**913**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**499**	**8,820**	**2,100**	**11,400**	**388**	<250	<250	**2.4**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	6/1/2018	**750**	**16,700**	**4,410**	**22,600**	**873**	<500	<500	**0.77**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	1/24/2020	**266**	**9,320**	**3,780**	**17,600**	**518**	<250	<250	**0.38**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	10/6/2020	**674**	**15200**	**3960**	**22200**	**646**	<388	<258	**0.59**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
	6/15/2021	**831**	**17800**	**3720**	**21900**	**618 J**	<388	<258	**0.82**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
MW-2	12/28/1998	**794**	**5,590**	**1,800**	**4,370**	**236**	<5.0	NT	NT	**19**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/1999	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/1/2000	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/21/2001	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/17/2002	**69.0**	**101**	**81.1**	**188**	**5.80**	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	**280**	**680**	**726**	**2,120**	**6.60**	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	**77.8**	**84.4**	**140**	**212**	**5.40**	**4.5**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**9,600**	**46,000**	**7,100**	**30,000**	**13,000**	**510**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**390**	**100**	**270**	**480**	**50**	**31**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**54**	**49**	**53**	**200**	**53**	**110**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**8,600**	**43,000**	**3,900**	**22,000**	**270**	**2,500**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**350**	**280**	**270**	**790**	<100	**400**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**220**	**40**	**180**	**150**	<100	**370**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**262**	**452**	**501**	**862**	**40**	**202**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	**367**	**920**	**947**	**2,189**	**113**	**103**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**168**	**167**	**254**	**374**	**7.2**	**27.2**	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**133**	**230**	**344**	**465**	**6.5J**	**39.3**	<10.0	<0.019	NT	<200	**<20.0**	<200	<200	<100	<10.0	<400	<20.0
	4/21/2011	**183**	**272**	**474**	**588**	<10.0	**12.6**	<10.0	<0.019	NT	<200	<20.0	<200	<200	<100	<10.0	<400	<20.0
	8/1/2013	**21**	**85**	**120**	**270**	**4.9J**	**0.47J**	<5.0	<0.020	NT	**16J**	<10	**16J**	<100	<100	<10	<1,000	<100
	1/20/2015	**7.7**	**3.9J**	**15.3**	**23.9**	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	2/9/2016	**20.1**	**9.5**	**158**	**118**	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	**<5.0**	<200	<10.0
	6/1/2018	**170**	**39.9**	**25.0**	**22.5**	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	**3.7J**	<200	<10.0
	1/24/2020	**77.5**	**10.1**	**75.8**	**17.9**	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**2.3 J**	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	**47.8**	63.9	4.4 J	8.4	<2.1	<3.1	<2.1	<0.0097	NT	171	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-3	12/28/1998	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NT	NT	<3.0	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**NT**	**<5.0**	**<0.0030**	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	**2.41**	**1.27**	**2.76**	**21.77**	**196**	**<1.0**	NT	<1.0	**<0.005**	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**27**	**7.2**	<5.0	**20**	<5.0	<5.0	NT	<0.021	**<0.003**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**5.1**	**12.1**	**4.4**	**37.9**	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	**1.3**	**1.6**	ND	**11.5**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	**1.1**	<1.0	**6.7**	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**7.1**	**4.0**	**3.4**	**34**	**<5.0**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<5.0	**9.4**	<5.0	**7.8**	<25	<5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	NS	NS	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	NS	NS	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**1,050**	**11,300**	**3,400**	**15,900**	**496**	<250	**<250**	**1.3**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	**3.0J**	<5.0	<5.0	**<5.0**	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**4.8J**	**260**	**230**	**2,000**	**160**	<50	**<50**	**0.76**	NT	**160J**	<100	<1,000	<1,000	<1,000	**5.6J**	<10,000	<1,000
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	***1,000***	***700***	***10,000***	***25***	***40***	***5***	***0.05***	***15***	***240***	***128***	***NE***	***1,400***	***NE***	***150***	***10,000***	***47***
MW-4	12/28/1998*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/18/1999*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	11/1/2000*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/16/2001*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/17/2002*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	7/17/2003*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/21/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	10/20/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/22/2005	**720**	**13,000**	**5,900**	**40,000**	**2,300**	**250**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**590**	**1,200**	**89**	**4,100**	**180**	**150**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**57**	**150**	**180**	**150**	**150**	**26**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**640**	**1,400**	<1	**4,000**	**120**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**30**	**140**	14	**240**	**13**	**<1.0**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**132**	**1,030**	11	**562**	11	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	1	**2.16**	1	1	2	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**16.9**	**78.7**	**4.9J**	**44.8**	<5.0	**5.2**	<5.0	**0.14**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**665**	**4,280**	**358**	**3,200**	**45.9**	**132**	**1.3J**	**0.50**	NT	**172**	**12.0**	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	**656**	**2,280**	**59.2J**	**1,320**	<125	**263**	<125	**0.12**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	8/1/2013	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
	1/20/2015	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
	2/9/2016	**47.9**	**622**	**119**	**673**	<25.0	<25.0	<25.0	**0.049**	NT	<500	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	6/1/2018	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
MW-4R	1/24/2020	**140**	**3,830**	**871**	**4,250**	**124J**	<125	<125	**0.91**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	**343**	**7150**	**765**	**4930**	**109 J**	<155	<103	**1.9**	NT	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
	6/15/2021	**573**	**13300**	**2180**	**11700**	**253 J**	<310	<206	**3.6**	NT	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
MW-4D	1/24/2020	**14.1J**	**194**	**65.1**	**1,550**	**32.7**	<25.0	<25.0	**0.15**	NT	<500	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	10/6/2020	**1.8 J**	<2.0	**4.9 J**	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	3.0 J	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-5i	8/19/1999	<5.0	<5.0	<5.0	<5.0	**9.7**	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	<5.0	<5.0	<5.0	**5.1**	<5.0	<5.0	NT	<0.021	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	**3.8**	ND	**3.2**	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	ND	ND	ND	**1.5**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**2.0**	**81**	**74**	**370**	**74**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<10	**120**	**170**	**990**	**140**	<10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**1.7**	**8.6**	<1	**50**	**8.4**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**13**	**29.0**	<1.0	**93.0**	**12**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	1	**17.0**	**3.9**	**20.0**	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**6,120**	**51,700**	**3,540**	**17,580**	**206**	**900**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	1	1	1	1	**2**	**10.2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	**24.1**	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	**7.1J**	**4.8J**	**29.0**	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	**33.9**	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**0.31J**	<5.0	<5.0	<5.0	<5.0	**16**	<5.0	<0.019	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	**242**	<5.0	<5.0	**45.3**	**6.6**	**120**	<5.0	<0.019	NT	**188**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	**4.9J**	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**72.0**	<5.0	<5.0	**10.1**	**8.5**	**30.9**	<5.0	**0.022**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<10.0	**2.7J**	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**16.2**	<2.0	<1.8	<5.0	**4.4 J**	**8.5**	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-6	8/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/16/2001	<5.0	**6.5**	<5.0	**12**	<5.0	<5.0	NT	<0.020	0.028	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**8.8**	**4.5**	ND	**8.2**	ND	**3.2**	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	**48.5**	**33.2**	**31.8**	**129**	**ND**	**5.9**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	**14.0**	<1.0	**3.2**	**7.5**	<5.00	**3.4**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**7,900**	**30,000**	**15,000**	**77,000**	**9,100**	<250	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**200**	**56**	**39**	**130**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**600**	**240**	**170**	**400**	<500	<100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**330**	**70**	**58**	**75**	<50	<10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**400**	**190**	**96**	**300**	<5	**8.9**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**77**	**62**	**33**	**180**	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**2**	**6**	**7**	**17**	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	1	1	1	1	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	**2.6J**	**3.1J**	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**20**	3.0J	**11**	**52**	<5.0	<5.0	<5.0	<0.020	NT	**36J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**8.1**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	**2.0J**	<200	<10.0
	1/24/2020	**15.2**	<5.0	**2.4J**	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-7	8/18/1999*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	11/2/2000*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/24/2001*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/17/2002*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	7/17/2003*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/21/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	10/20/2004	21,000	47,000	9,400	37,000	1,100	5,400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	13,000	57,000	17,000	82,000	11,000	4,300	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	16,000	40,000	7,100	34,000	1,200	4,300	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	19,000	70,000	8,200	45,000	<1,000	6,400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	6/22/2007*	17,000	52,000	7,000	35,000	1,900	3,400	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	4/2/2009	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	11/12/2009	16,100	50,000	4,550	24,500	638	1,970	<500	239	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	13,900	40,500	4,790	30,800	<2,500	2,720	<2,500	253	NT	<50,000	<5,000	<50,000	<50,000	<25,000	<2,500	<100,000	<5,000
	4/21/2011	11,100	29,300	2,730	25,800	769J	2,840	<1,250	151	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	8/1/2013	10,000	52,000	5,000	31,000	1,800J	310J	<2,500	120	NT	7,300J	<5,000	<50,000	<50,000	<50,000	<5,000	<500,000	<50,000
	1/20/2015	11,700	42,200	3,280	21,900	1,500	1,000	82.4J	174	NT	6,000	203	<2,000	<2,000	<1,000	<100	<4,000	<200
	2/9/2016	9,270	38,300	3,620	30,300	1,240J	<1,250	<1,250	148	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	6/1/2018	9,330	34,500	2,600	23,200	719J	462J	<1,000	320	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	1/23/2020	8,750	34,200	2,460	20,600	656J	<1,250	<1,250	127	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	5200	21900	1690	15900	631 J	<620	<412	40.5	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
	6/15/2021	4540	24100	1930	16700	618 J	<620	<412	47.2	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
MW-8	8/18/1999	2,300	10,000	1,300	5,900	1,200	<5.0	NT	38	0.13	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/24/2001*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/17/2002*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	7/17/2003*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/21/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	10/20/2004	1,700	11,000	2,300	9,400	1,000	<25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	6,000	30,000	6,600	32,000	1,700	200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	5,300	29,000	5,000	27,000	<1,000	<200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	1,800	13,000	2,800	17,000	410	<20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008*	761	3,050	810	10,060	1,370	40	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	683	2,300	690	7,660	370	40	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	647	2,100	404	3,700	164	<125	<125	7.4	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	1,090	6,930	749	6,820	369	<100	<100	8.8	NT	<2,000	<200	<2,000	<2,000	<1,000	<100	<4,000	<200
	4/21/2011	1,660	7,480	665	7,550	391	<250	<250	21.5	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	8/1/2013	1,300	4,200	840	8,900	480	<250	<250	16	NT	2,600J	<500	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	2,160	11,600	932	11,300	680	<125	<125	29.0	NT	5,610	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	2/9/2016	1,370	11,700	687	8,440	448J	<500	<500	22.9	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	6/1/2018	1,340	17,900	1,880	14,500	517	<500	<500	11.4	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	1/23/2020	397	6,190	1,010	7,130	318	<250	<250	4.5	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	10/6/2020	737	9330	1760	11700	498	<155	<103	4.0	NT	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
	6/15/2021	1390	16700	3060	19300	737	<310	<206	8.9	NT	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
MW-9	8/18/1999*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	11/2/2000*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/24/2001*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/17/2002*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	7/17/2003*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/21/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	10/20/2004	20,000	48,000	9,800	50,000	10,000	590	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	23,000	77,000	15,000	75,000	4,400	270	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	190	350	45	230	7.1	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	22,000	60,000	3,800	24,000	560.0	170	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	6/22/2007	4,900	31,000	3,700	26,000	2,600	<50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	2,850	13,400	1,790	17,340	1,820	40	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	12,200	33,800	2,850	27,390	941	273	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	13,100	33,800	2,000	24,300	757	73.2J	390	598	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	14,500	29,500	1,630	21,200	1,150	<1,000	412J	612	NT	44,900	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	4/21/2011	11,700	30,000	1,590	17,600	741J	<1,250	<1,250	510	NT	41,300	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	8/18/1999	15,000	22,000	1,400	7,900	<250	<5.0	NT	460	0.72	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/24/2001*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/17/2002*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	7/17/2003*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/21/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	10/20/2004*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/22/2005	20,000	34,000	34,000	25,000	9,900	250	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	21,000	62,000	16,000	76,000	3,500	<200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	17,000	40,000	3,100	19,000	<2,500	<500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	6/22/2007*	6,500	42,000	14,000	96,000	25,000	500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	4/2/2009	8,260	23,700	3,680	26,110	1,010	2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	9/2/2010*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	4/21/2011	11,100	24,000	2,740	16,500	635	<250	299	322	NT	18,300	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	*1,000*	*700*	*10,000*	*25*	*40*	*5*	*0.05*	*15*	*240*	*128*	*NE*	*1,400*	*NE*	*150*	*10,000*	*47*
MW-11	8/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	**0.014**	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.031**	NT	NT	NT	NT	NT	NT	NT	NT
	8/16/2001	<5.0	**9.0**	<5.0	**14**	<5.0	<5.0	NT	<0.019	**0.0075**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	**4.6**	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	**2.2**	**1.1**	**7.0**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	**1.8**	**1.0**	**11.1**	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/22/2007	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/1/2008	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-11R	3/17/2010	**13.0**	**70.2**	**36.3**	**175**	**<5.0**	<5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**6.7**	**17.9**	**12.6**	**107**	<5.0	<5.0	<5.0	<0.019	NT	**569**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	**4.0J**	**7.7**	**2.0J**	**83.0**	<5.0	<5.0	**<5.0**	<0.019	NT	**1,040**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**3.7J**	<5.0	**2.4J**	**9.5**	<5.0	<5.0	<5.0	<0.020	NT	**77J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	**4.1J**	**3.3J**	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	**300**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	**<2.1**	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-12	8/19/1999	**3,600**	**16,000**	**2,100**	**8,800**	**290**	**93**	NT	<250	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/24/2001*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/17/2002*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	7/17/2003*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/21/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	10/20/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/22/2005	**4,100**	**44,000**	**15,000**	**75,000**	**7,800**	**250**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**5,400**	**46,000**	**16,000**	**81,000**	**4,100**	<200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/29/2006	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	**1**	**1**	**1**	**1**	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**801**	**1,870**	**22.6J**	**9,020**	**140**	**67.4**	<50.0	**11.4**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**2,960**	**23,200**	**3,180**	**21,700**	**646**	<100	<100	**2.6**	NT	<2,000	<200	<2,000	<2,000	<1,000	<100	<4,000	<200
	4/21/2011	**2,490**	**18,600**	**3,630**	**21,000**	**628J**	<1,000	<1,000	**2.5**	NT	**25,300**	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	8/1/2013	**99J**	**1,400**	**130J**	**7,100**	**290**	<250	<250	**0.74**	NT	**660J**	<500	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	**568**	**6,470**	**891**	**15,000**	**459**	<5.0	<5.0	**1.8**	NT	**324**	<10.0	<100	**83.0J**	<50.0	<5.0	<200	<10.0
	2/9/2016	**189**	**901**	**125**	**3,780**	**165**	<62.5	<62.5	**0.61**	NT	<1,250	<125	<1,250	<1,250	<625	<62.5	<2,500	<125
	6/1/2018	**96.6**	**1,030**	**95.7**	**2,890**	**123**	<50.0	<50.0	**0.028**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	1/24/2020	**154**	**1,860**	**427**	**6,540**	**276**	<125	<125	<0.020	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	**409**	**5030**	**1260**	**10900**	**498**	<124	<82.4	<0.011	NT	<2620	<122	**<2160**	<3640	<964	<140	<5760	<338
	6/15/2021	**276**	**7520**	**2110**	**17100**	**747**	<124	<82.4	0.047	NT	<2620	<122	<2160	<3640	<964	<140	<5760	<338
MW-13	10/18/1999	**5.1**	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	**<1.0**	**0.021**	NT	NT	NT	NT	NT	NT	NT	NT
	8/20/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	**<0.019**	**0.020**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	ND	ND	ND	**1.5**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	1.9	<1	1.7	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	1.7	2.7	1.9	6.6	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	3.6	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	**7.2J**	<5.0	<5.0	<5.0	<0.019	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	**83.2J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	**<65.6**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-13i	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.029**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	**<2.1**	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	N/A	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-13D	1/23/2020	<5.0	**25.5**	**4.6J**	**24.3**	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	N/A	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-14	10/18/1999	**2,160**	**1,390**	**431**	**2,180**	**73.6**	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000	**1,180**	<10.0	**60.4**	**393.9**	<10.0	<10.0	NT	<10.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**450**	11	**8.4**	**160**	**18**	<5.0	NT	<0.019	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**553**	**7.4**	**28.0**	**222**	**34.2**	ND	NT	**0.05**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	**33.1**	ND	ND	**3.0**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	**67.7**	<1.0	**3.9**	**20.5**	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.2**	<1	**1.4**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	**1**	<1	**1**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	**1**	**1**	**1**	**1**	**4.65**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**19**	<5.0	<5.0	<5.0	**8.7**	<5.0	**3.5J**	<0.020	NT	**980**	<10	<100	**31J**	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	**8.4**	<10.0	<5.0	<5.0	**12.0**	**0.028**	NT	**2,690**	<10.0	<100	**131**	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	**252**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-15	10/18/1999	<5.0	**10**	<5.0	**14**	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.089**	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**8.9**	<5.0	<5.0	**9.0**	<5.0	<5.0	NT	<0.019	**0.073**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.1**	<1	**2.3**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**<1**	**2.2**	**1.2**	**7.1**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**<1**	**1.7**	<1	**1.6**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**1.5**	<5	**1.6**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	**2.5**	<1	**3.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	<1	**67.0**	**63.0**	**430.0**	**100**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	**<50.0**	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	**17J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	**320**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	**90.0J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.051**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16	10/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.075**	NT	NT	NT	NT	NT	NT	NT	NT
	8/16/2001	<5.0	**7**	<5.0	**11**	<5.0	<5.0	NT	<0.019	**0.015**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.4**	<1	**1.6**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	**1.2**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	**1.5**	<1	**1.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**3.4**	<5	**1.2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16i	1/23/2020	**9.8**	**18.7**	**8.7**	**117**	**3.1J**	<5.0	<5.0	**0.11**	NT	**440**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**3.9 J**	<2.0	**2.4 J**	**28.4**	<2.1	<3.1	<2.1	<0.011	NT	**240**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	2.2 J	<2.0	2.2 J	15.9	<2.1	<3.1	<2.1	<0.0097	NT	127	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16D	1/23/2020	**2.2J**	<5.0	<5.0	**28.2**	<5.0	<5.0	<5.0	**0.057**	NT	**93.3J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0098	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	*1,000*	*700*	*10,000*	*25*	*40*	*5*	*0.05*	*15*	*240*	*128*	*NE*	*1,400*	*NE*	*150*	*10,000*	*47*
MW-17	11/8/2000	**9,320**	**10,800**	**1,380**	**4,910**	**224**	<100	N/A	<100	**0.038**	NT	NT	NT	NT	NT	NT	NT	NT
	8/24/2001	**680**	**680**	**100**	**430**	**38**	<5.0	N/A	**0.10**	**0.030**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	7/18/2003	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/21/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/22/2007	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/1/2008	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-17R	3/17/2010	**4,450**	**6,450**	**919**	**3,670**	**164**	**198**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**7,080**	**12,000**	**1,370**	**5,900**	**450**	**205J**	**301**	**0.22**	NT	**9,130**	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	4/21/2011	**4,750**	**7,130**	**937**	**3,840**	<500	<500	**185J**	**0.14**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	8/1/2013	**4,700**	**6,000**	**890**	**4,400**	**200J**	**140J**	**210J**	**0.062P**	NT	**3,200J**	**18J**	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	**3,030**	**2,450**	**525**	**2,560**	**92.3**	**93.0**	**75.7**	<0.021	NT	**3,890**	**14.1**	<100	**208**	<50.0	<5.0	<200	<10.0
	2/9/2016	**8.0**	**4.4J**	<5.0	<10.0	<5.0	**11.1**	**6.1**	<0.019	NT	**86.6J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	**731**	**21.8J**	**79.1**	**293**	**24.2J**	<25.0	**19.4J**	<0.020	NT	**1,940**	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	10/6/2020	**404**	**15.2**	**61.9**	**253**	**16.0**	<7.8	**12.7**	<0.012	NT	**1370**	<7.6	<135	<228	<60.2	<8.7	<360	<21.2
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	66.1 J	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-18	11/8/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.108**	NT	NT	NT	NT	NT	NT	NT	NT
	8/20/2001	<5.0	**6.2**	<5.0	**10**	<5.0	<5.0	NT	<0.020	**0.028**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.3**	<1	**1.3**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	**1.3**	<1	**1.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**0.50J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	**210**	<10	<100	**7.3J**	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	**<24.1**	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-19	11/8/2000	**380**	**1.46**	**1.59**	**60.59**	**6.71**	**1,200**	NT	<1.0	**0.023**	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**640**	**10**	<5.0	**88**	**19**	**43**	NT	<0.020	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**492**	ND	**11.8**	**30.7**	**9.50**	**39.7**	NT	**0.04**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	**760**	**8.5**	ND	**267**	**16.1**	**30.8**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	**166**	<1.0	<1.0	**15.8**	<5.00	**196**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	**3.8**	<1	**10.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**34**	<1	<1	<1	<5	**3.7**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**9**	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/17/2010	**134**	<5.0	<5.0	<10.0	**5.0**	**12.7**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**224**	<5.0	<5.0	**5.0J**	**9.4**	**29.7**	**4.2J**	<0.019	NT	**460**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	**24.6**	<5.0	<5.0	<10.0	<5.0	**5.3**	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**120**	<5.0	<5.0	<5.0	**5.9**	**16**	**7.4**	**0.030**	NT	**120**	<10	<100	**15J**	<100	**0.53J**	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	**4.2J**	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**26.1**	<5.0	<5.0	<10.0	**4.3J**	**19.8**	**5.2**	<0.021	NT	**397**	<10.0	<100	**61.8J**	<50.0	<5.0	<200	<10.0
	3/9/2016	**19.0**	<0.24	<0.21	<0.32	**4.5**	**34**	**7.5**	**0.029**	<4.7	**350**	<0.25	<1.5	**49**	<0.66	**0.98J**	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/24/2020	**17.9**	<5.0	<5.0	<5.0	**44.3**	**119**	**32.2**	<0.020	NT	**3260**	<10.0	<100	**118**	<50.0	<5.0	<200	<10.0
	10/6/2020	**31.9**	<2.0	<1.8	<5.0	**50.3**	**62.0**	**3.6 J**	<0.011	NT	**3230**	<3.0	<53.9	**236**	**<24.1**	<3.5	<144	<8.5
	6/15/2021	4.7 J	<2.0	<1.8	<5.0	20.1	6.7	**9.7**	<0.0097	NT	**984**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	*1,000*	*700*	*10,000*	*25*	*40*	*5*	*0.05*	*15*	*240*	*128*	*NE*	*1,400*	*NE*	*150*	*10,000*	*47*
MW-20	11/8/2000	1,550	1.98	1.71	65.42	36.9	1.12	NT	<1.0	0.088	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	1,200	5.7	<5.0	54	40	<5.0	NT	0.57	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	1,480	ND	ND	31.8	51.9	ND	NT	0.74	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	874	2.7	1.9	31.0	46.1	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	1,760	2.1	<1.0	35.3	79.6	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	1,300	1.9	<1	9.9	74	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	1,500	2.4	3.3	13.0	77	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	900	1.9	2.6	6.1	77	1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	102	1	1	4.02	59.50	2	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	839	<5.0	20.1	4.0J	45.3	43.9	8.9	<0.019	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	54.8	<5.0	<5.0	<10.0	65.4	<5.0	22.6	<0.019	NT	1,680	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	19.4	<5.0	45.6	<5.0	6.6	7.3	4.8J	<0.020	NT	3,000	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	152	<2.0	50.7	<5.0	18.8	23.3	5.6	<0.012	NT	2940	<3.0	<53.9	142	<24.1	<3.5	<144	<8.5
	6/14/2021	22.9	<2.0	81.7	6.5	6.4	5.7	<2.1	<0.0097	NT	3140	<3.0	<53.9	154	<24.1	<3.5	<144	<8.5
MW-21	8/20/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<0.020	0.86	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	1.9	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	1.5	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	6	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	2.9J	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<250	<250	<250	<500	<250	<250	<250	<0.020	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/6/2020	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/14/2021	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	8/20/2001	<5.0	7.8	<5.0	8.0	<5.0	<5.0	NT	<0.020	0.38	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	1.9	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	2.5	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<10.0	<10.0	<10.0	<20.0	<10.0	<10.0	<10.0	<0.020	NT	<200	<20.0	<200	<200	<100	<10.0	<400	<20.0
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-23	8/20/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<0.020	0.023	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	1.0	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	1.5	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/15/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0049	<4.7	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-24	8/20/2001	<5.0	<5.0	<5.0	**5.4**	<5.0	<5.0	NT	<0.019	**0.014**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	**1.6**	<1	**2.1**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/14/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0048	<4.7	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/6/2020	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/14/2021	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**1.7**	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	**4.9**	<1	**4.3**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.019	NT	**63.7J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	3/9/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	**<0.23**	<0.0047	**<4.7**	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	**<2.1**	<0.012	NT	<65.6	<3.0	<53.9	<91.0	**<24.1**	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-26	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**3.5**	<1	**2.9**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<0.020**	NT	<100	<10.0	**<100**	<100	**<50.0**	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	**<0.012**	NT	**<65.6**	**<3.0**	**<53.9**	<91.0	**<24.1**	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.010	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-27	7/18/2003	ND	ND	ND	ND	ND	**2.0**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	**1.1**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**<1**	**2.1**	<1	**2.2**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	**NL**	**NL**	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	**1.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**2.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.024	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	**<5.0**	<0.021	NT	<100	<10.0	<100	<100	**<50.0**	**<5.0**	**<200**	<10.0
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**<5.0**	<0.020	NT	<100	<10.0	<100	<100	**<50.0**	**<5.0**	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	**<2.1**	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0094	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-28	3/17/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	14J	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	3/10/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0047	<4.7	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-29	1/23/2020	**13,700**	**41,100**	**3,120**	**16,100**	<1,250	<1,250	<1,250	**249**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**18900**	**51000**	**3890**	**19300**	<836	<1240	<824	**672**	NT	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
	6/14/2021	**16600**	**39700**	**3130**	**15800**	<836	<1240	**945 J**	**527**	NT	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
MW-29i	1/23/2020	**747**	**1,730**	**141**	**1,370**	**35.5J**	**69.6**	<50.0	**6.9**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	10/6/2020	**146**	<2.0	<1.8	**5.2**	**34.3**	**52.1**	**2.7 J**	**0.16**	NT	**203**	**9.0 J**	<53.9	<91.0	<24.1	**6.2**	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	36.8	2.7 J	**0.23**	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-29D	1/23/2020	**617**	**1,540**	**131**	**1,310**	**30.3J**	<50.0	<50.0	**11.4**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	**12.8**	19.4	<1.8	<5.0	<2.1	<3.1	<2.1	**0.094**	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-30	1/23/2020	**4,450**	**12,200**	**1,250**	**6,950**	**219J**	<500	<500	**2.5**	NT	**13,000**	<1,000	<10,000	<10,000	<500	<5,000	<20,000	<1,000
	10/6/2020	**6330**	**19000**	**1670**	**9310**	**305 J**	<388	<258	**3.8**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
	6/14/2021	**4300**	**11600**	**1210**	6650	**245 J**	<310	<206	**1.6**	NT	**18100**	<304	<5390	<9100	<2410	<349	<14400	<846
MW-31	1/23/2020	**1,050**	**3,090**	**296**	**1,600**	<125	<125	<125	**1.4**	NT	**3,440**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	1.8 J	<2.0	<1.8	<5.0	<2.1	<3.1	2.2 J	<0.0098	NT	139	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-32	1/23/2020	**3,660**	**16,200**	**1,980**	**10,200**	**273J**	<500	<500	**5.5**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	10/6/2020	**3180**	**10800**	**2250**	**10400**	**328 J**	<310	<206	**1.5**	NT	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
	6/14/2021	**1500**	**1650**	**1600**	6050	**278**	<77.5	<51.5	**0.16**	NT	**3930**	<76.0	<1350	<2280	<602	<87.2	<3600	<212
MW-33	1/23/2020	**15,100**	**49,400**	**3,830**	**19,600**	<1,250	<1,250	<1,250	**340**	NT	**19,300J**	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**16400**	**54000**	**3920**	**20000**	<836	<1240	<824	**146**	NT	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
	6/14/2021	**4990**	**26200**	**3680**	**18800**	**513 J**	<620	<412	**72.7**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
MW-34	1/23/2020	**2,530**	**18,700**	**2,400**	**16,900**	**335J**	<625	<625	**5.9**	NT	<12,500	<1,250	<12,500	<12,500	<6,250	<625	<25,000	<1,250
	10/6/2020	**2880**	**15800**	**1820**	**19200**	**634**	<388	<258	**4.2**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
	6/15/2021	**1580**	**10100**	**1510**	**16400**	**570**	<310	<206	**1.7**	NT	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
MW-35	1/23/2020	**12,100**	**48,800**	**3,400**	**23,000**	<1,250	<1,250	<1,250	**266**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**14200**	**43900**	**2330**	**20800**	**672 J**	<775	<515	**649**	NT	**33900**	<760	<13500	<22800	<6020	<872	<36000	<2120
	6/15/2021	11500	**42900**	**2240**	**20500**	**673 J**	<775	<515	**493**	NT	**37700**	<760	<13500	<22800	<6020	<872	<36000	<2120
TFR-1	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**2,200J**	**35,000**	**3,200**	**19,000**	**1,400J**	**220J**	<2,500	**78**	NT	<50,000	<5,000	<50,000	<50,000	<50,000	<5,000	<50,000	<50,000
	1/20/2015	**2,510**	**33,900**	**3,230**	**21,800**	**346**	**109**	<50.0	**78.3**	NT	<1,000	**162**	<1,000	<1,000	<500	<50.0	<2,000	<100
	2/9/2016	**479**	**6,640**	**616**	**13,400**	**239**	<200	<200	**27.9**	NT	<4,000	<400	<4,000	<4,000	<2,000	<200	<800	<400
	6/1/2018	**954**	**19,100**	**1,920**	**19,400**	**300J**	<625	<625	**48.2**	NT	<12,500	<1,250	<12,500	<12,500	<6,250	<625	<25,000	<1,250
	1/24/2020	**842**	**21,700**	**2,840**	**20,800**	<625	<625	<625	**12.4**	NT	<12,500	<1,250	<12,500	<12,500	<6,250	<625	<25,000	<1,250
	10/6/2020	**636**	**20200**	**4580**	**27300**	**509 J**	<388	<258	**5.6**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
	6/15/2021	**106 J**	**4520**	**897**	7630	**140 J**	<124	<82.4	**5.0**	NT	<2620	<122	<2160	<3640	<964	<140	<5760	<338
TFR-2	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**3,100**	**18,000**	**440J**	**24,000**	**670J**	<1,000	<1,000	**11**	NT	**2,800J**	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**49.2**	**45.9**	<5.0	**286**	<5.0	**8.1**	<5.0	**0.31**	NT	**448**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**209**	**1,870**	**105**	**2,660**	**47.9**	**6.2**	<5.0	**0.23**	NT	**82.2J**	**4.1J**	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**41.3**	**341**	**38.3**	**611**	**21.2**	<10.0	<10.0	**0.051**	NT	<200	<20.0	<200	<200	<100	<10.0	<400	<20.0
	1/24/2020	**32.9**	**93.2**	**28.7**	**520**	**17.4**	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**70.0**	**269**	**21.3**	**690**	**12.4 J**	<7.8	<5.2	**0.031**	NT	<164	<7.6	<135	<228	<60.2	<8.7	<360	<21.2
	6/15/2021	**322**	666	292	4040	**77.5**	<38.8	<25.8	<0.0097	NT	<820	<38.0	<674	<1140	<301	<43.6	<1800	<106

TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	*1,000*	*700*	*10,000*	*25*	*40*	*5*	*0.05*	*15*	*240*	*128*	*NE*	*1,400*	*NE*	*150*	*10,000*	*47*
TFR-3	9/2/2010*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**7,900**	**23,000**	**820J**	**20,000**	**790J**	<1,000	<1,000	110	NT	**3,600J**	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**569**	**2,090**	**112**	**9,370**	**170**	<50.0	**28.5J**	**42.0**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	2/9/2016	**3,250**	**10,800**	**363**	**11,200**	**225**	<125	<125	**78.2**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	6/1/2018	**1,770**	**4,790**	**170J**	**6,680**	112J	<200	<200	**42.0**	NT	<4,000	<400	<4,000	<4,000	<2,000	<200	<8,000	<400
	1/23/2020	**2,560**	**7,520**	**319**	**6,650**	<200	<200	<200	**18.3**	NT	<4,000	<400	<4,000	<4,000	<2,000	<200	<8,000	<400
	10/6/2020	**2460**	**5560**	**211**	**3010**	101 J	<124	<82.4	**12.8**	NT	<2620	<122	<2160	<3640	<964	<140	<5760	<338
	6/15/2021	**61.4**	129	9.5	184	3.9 J	<3.1	<2.1	**0.38**	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
TFR-4	9/2/2010*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	4/21/2011*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/1/2013	**5,700**	**39,000**	**5,200**	**39,000**	**940J**	**110J**	**130J**	**85**	NT	<20,000	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**4,350**	**21,200**	**1,840**	**23,200**	<1,250	**58.5**	**18.9**	**113**	NT	**742**	**58.6**	<100	**94.5J**	<50.0	<5.0	<200	<10.0
	2/9/2016	**3,400**	**12,400**	1,110	**18,100**	**587**	<500	<500	**30.3**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	6/1/2018	**77.3**	**363**	**37.2J**	**2,560**	119	<50.0	<50.0	**5.9**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	1/23/2020	**174**	**508**	**24.0J**	**1,700**	**37.6**	<25.0	<25.0	**3.0**	NT	<500	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	10/6/2020	**2520**	**6990**	304	5830	**186 J**	**166 J**	<103	**12.7**	NT	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
	6/15/2021	**451**	**1580**	78.5	2420	**72.0**	<38.8	<25.8	**1.6**	NT	<820	<38.0	<674	<1140	<301	<43.6	<1800	<106
TFR-5	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**11,000**	**53,000**	**3,600**	**22,000**	**1,600J**	<2,500	<2,500	**150**	NT	**11,000J**	<5,000	<50,000	<50,000	<50,000	<5,000	<500,000	<50,000
	1/20/2015*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	2/9/2016	**9,950**	**49,300**	**3,290**	**20,400**	495	<250	**130J**	**209**	NT	**5,260**	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	6/1/2018	**6,350**	**32,700**	**2,630**	**18,200**	**553J**	<1,000	<1,000	**66.3**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	1/23/2020	**5,620**	**35,000**	**3,010**	**21,000**	**579J**	<1,000	<1,000	**37.9**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	10/6/2020	**4000**	**25900**	**2430**	**17900**	**592 J**	<620	<412	**19.2**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
	6/15/2021	**2910**	**22500**	**2250**	**16000**	**602 J**	<620	<412	**13.8**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
TFR-7	9/2/2010*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	4/21/2011*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**2,600**	**5,400**	**550**	**3,600**	**170J**	<250	**170J**	**35**	NT	**3,100J**	**99J**	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	**3.0J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.059**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**11300**	**30900**	**2230**	**14200**	<418	<620	**526 J**	**68.5**	NT	**35800**	<608	<10800	<18200	<4820	<698	<28800	<1690
	6/15/2021	**49.9**	89.6	9.1	65.8	<2.1	<3.1	2.6 J	**0.26**	NT	77.9 J	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
TFR-10	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**15,000**	**32,000**	**2,100**	**12,000**	<1,000	<1,000	**990J**	**67**	NT	**16,000J**	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**3,280**	**7,400**	**565**	**4,100**	**108**	<5.0	**92.5**	**14.7**	NT	**9,810**	<10.0	<100	250	<50.0	<5.0	<200	<10.0
	2/9/2016	**96.7**	**149**	**19.3**	**155**	**5.9**	<5.0	**16.5**	**6.1**	NT	**315**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**23.9**	**69.1**	**6.2**	**40.1**	<5.0	<5.0	**2.7J**	0.40	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	**1,470**	**4,500**	**307**	**2,680**	**74.4J**	<125	<125	**3.3**	NT	**2,520**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	**10100**	**27400**	**2200**	**15500**	<418	<620	<412	**246**	NT	**15600 J**	<608	<10800	<18200	<4820	<698	<28800	<1690
	6/14/2021	**1840**	**6370**	419	3200	**132 J**	<155	<103	**5.7**	NT	**3590 J**	<152	<2700	<4550	<1200	<174	<7200	<423
TFR-11	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**22,000**	**50,000**	**3,100**	**18,000**	**1,500J**	**1,500J**	**1,200J**	**400**	NT	**26,000J**	**210J**	<50,000	<50,000	<50,000	<5,000	<500,000	<50,000
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	**14,200**	**34,300**	**2,710**	**14,400**	<1,000	<1,000	<1,000	**322**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	10/6/2020	**21100**	**45600**	**3860**	**20000**	**601 J**	<775	**683 J**	**636**	NT	**22200 J**	<760	<13500	<22800	<6020	<872	<36000	<2120
	6/14/2021	**11100**	**26200**	**1990**	**12600**	<522	<775	<515	**410**	NT	<16400	<760	<13500	<22800	<6020	<872	<36000	<2120
TFR-12	9/2/2010*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013*	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	1/20/2015	**7,840**	**23,600**	**1,180J**	**8,060**	<2,500	<5.0	**141**	**127**	NT	<50,000	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**2,110**	**6,460**	**392**	**2,930**	<250	<250	**110J**	**57.6**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	6/1/2018	**5,090**	**14,100**	**877**	**6,120**	<500	<500	<500	**62.4**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	1/23/2020	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
	10/6/2020	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP	FPP
	6/14/2021	**141**	517	35.9	611	24.1	<12.4	<8.2	**8.1**	NT	**355 J**	<12.2	<216	<364	<96.4	<14.0	<576	<33.8

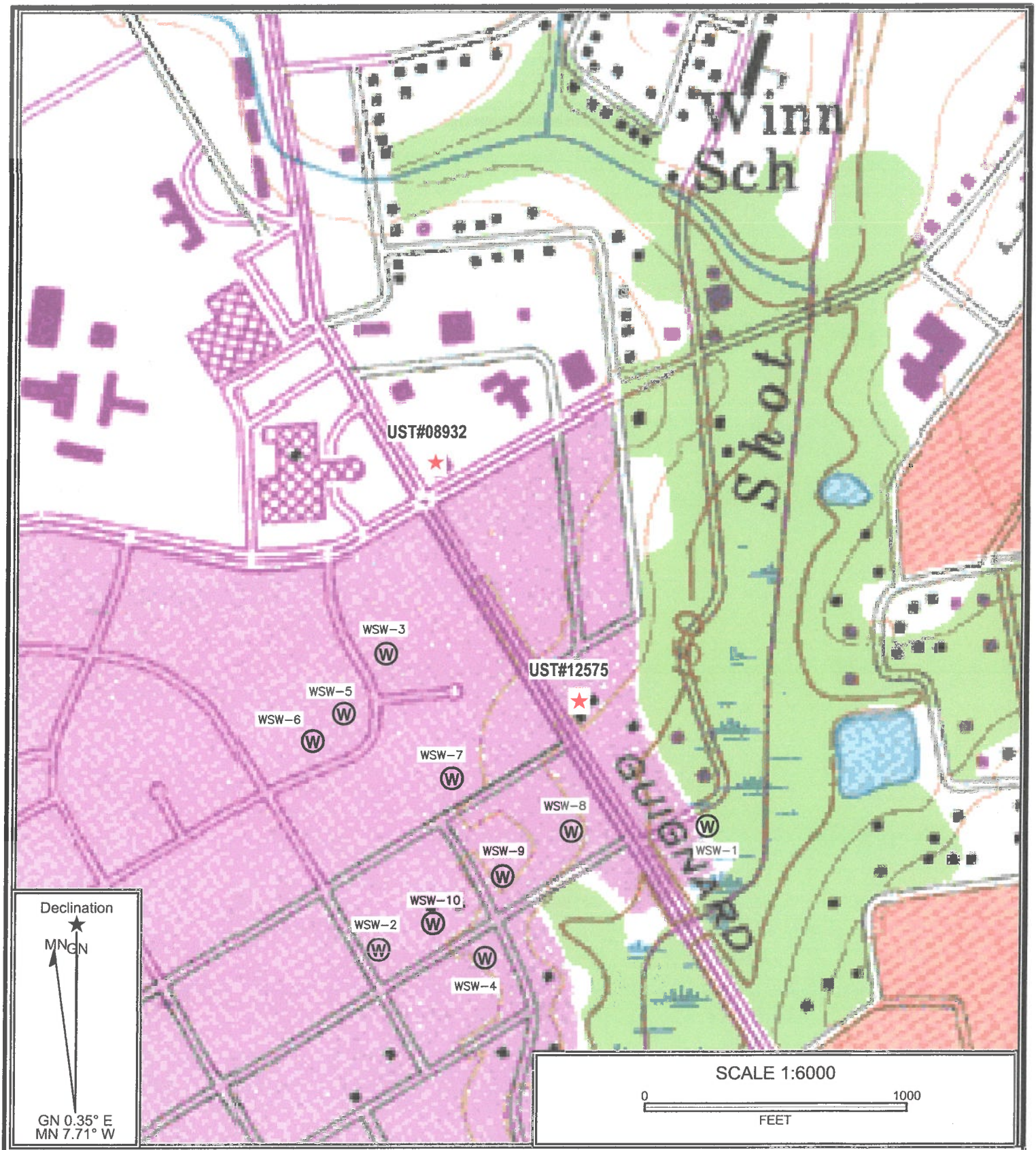
TABLE 3
GROUNDWATER COC CONCENTRATION DATA
JUNE 14-15, 2021 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 21-7607
SCDHEC ID NUMBER 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
SW-1	1/23/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.53 J**	**0.29 J**	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.010	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-2	1/23/2020	<1.0	**0.36J**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.40 J**	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0098	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-3	1/23/2020	<1.0	**0.33J**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.37 J**	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0095	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-4	1/23/2020	<1.0	**0.28J**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.29 J**	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-5	1/23/2020	<1.0	**2.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	21.8	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0099	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-6	1/23/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	1.2	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
WSW-3	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
WSW-5	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-1R DUP.	1/20/2015	**1,030**	**20,100**	**2,950**	**14,800**	**375**	<50.0	<50.0	**3.1**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
MW-7 DUP.	1/20/2015	**14,700**	**50,900**	**4,160**	**28,100**	<2,500	**1,000**	<100	**154**	NT	**6,680**	<200	<2,000	<2,000	<1,000	<100	<4,000	<200
MW-2 DUP.	2/9/2016	**17.8**	**8.4**	**138**	**108**	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
MW-8 DUP.	2/9/2016	**1,510**	**13,000**	**791**	**9,450**	**511**	<500	<500	**18.9**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
DUP-1 (TFR-3)	6/1/2018	**1,610**	**4,430**	**168**	**6,410**	**98.4J**	<125	<125	**72.4**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
DUP-2 (TFR-6)	6/1/2018	**6,920**	**35,400**	**2,820**	**19,400**	**559J**	<1,000	<1,000	**79.3**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
DUP-1 (TFR-11)	1/23/2020	**14,500**	**34,600**	**2,680**	**14,200**	<1,000	<1,000	<1,000	**352**	NT	**14,600J**	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
DUP-2 (TFR-10)	1/23/2020	**1,450**	**4,330**	**310**	**2,560**	**72.1J**	<125	<125	**3.5**	NT	**2,290J**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
DUP-3 (MW-35)	1/23/2020	11,400	**45,800**	**3,160**	**21,700**	<1,250	<1,250	<1,250	**269**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
WSW DUP (WSW-3)	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
DUP-1 (MW-19)	10/6/2020	**30.5**	<2.0	<1.8	<5.0	**39.8**	**57.8**	**3.1 J**	**0.057**	NT	**2910**	<3.0	<53.9	**206**	<24.1	<3.5	<144	<8.5
DUP-2 (MW-33)	10/6/2020	**16400**	**55300**	**4020**	**19500**	<836	<1240	<824	**280**	NT	**28000 J**	<1220	<21600	<36400	<9640	<1400	<57600	<3380
DUP-3 (TFR-9)	10/6/2020	**11900**	**29500**	**2270**	**14900**	**628 J**	<775	**669 J**	**160**	NT	**47400**	<760	<13500	<22800	<6020	<872	<36000	<2120
WSW DUP (WSW-5)	10/6/2020	<0.25	<0.24	<0.26	**0.60**	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
DUP-1 (TFR-6)	6/14/2021	**2720**	**21800**	**2180**	**15800**	**519 J**	<620	<412	**12.8**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
DUP-2 (MW-7)	6/14/2021	**4630**	**24200**	**2110**	**16600**	**677 J**	<620	<412	**50.2**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
DUP-3 (MW-2)	6/14/2021	**47.4**	60.6	3.6 J	10.2	<2.1	<3.1	<2.1	<0.0097	NT	**277**	<3.0	<53.9	<91.0	**<24.1**	<3.5	<144	<8.5
WSW DUP (WSW-3)	6/14/2021	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
Field Blank	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.038**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
Trip Blank	8/31/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	NT	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	NT	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2

Notes:

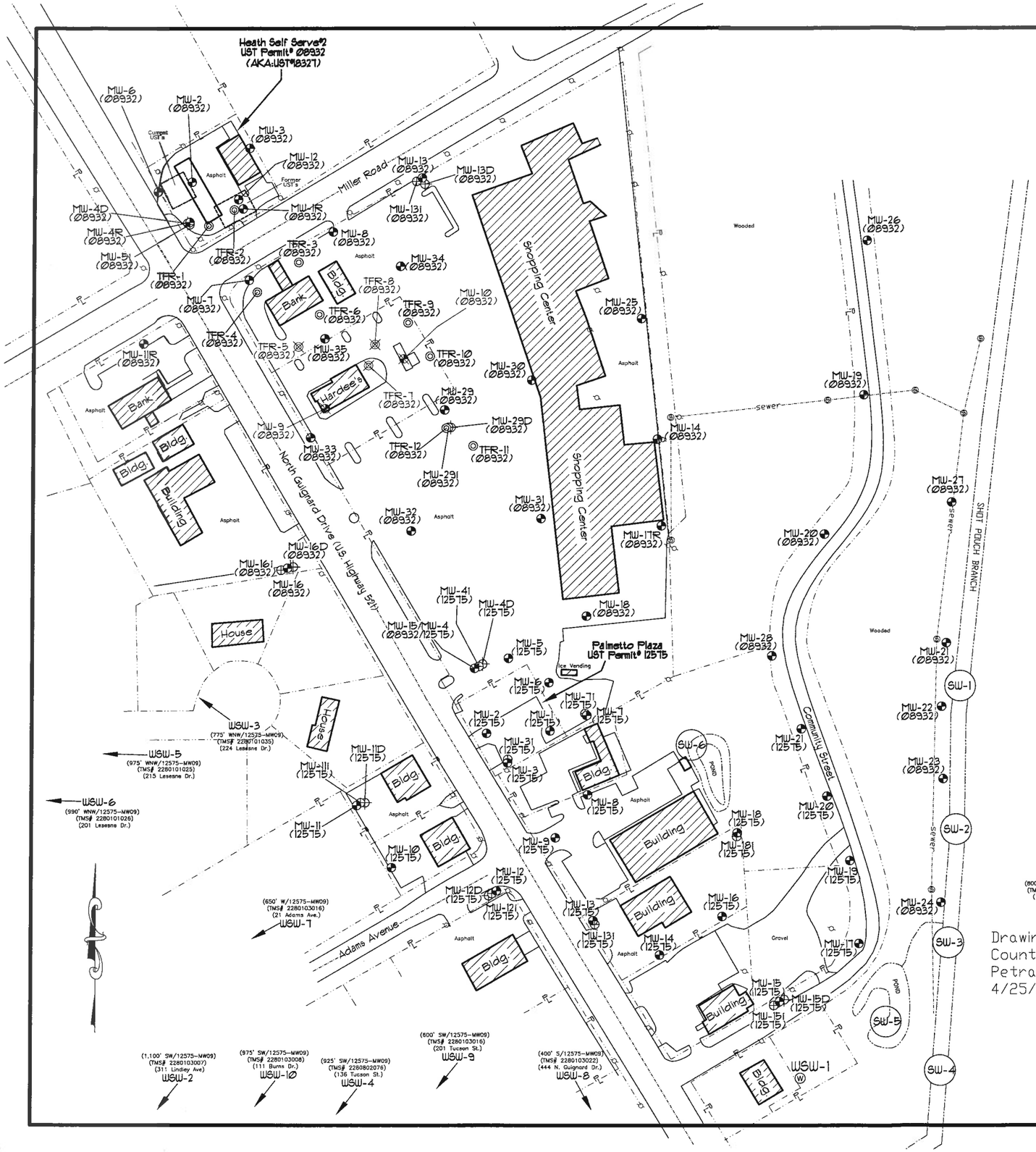
1. BDL = Below Practical Quantitative Limits
2. ug/l = micrograms per liter
3. mg/l = milligrams per liter
4. MTBE = Methyl-Tertiary-Butyl Ether
5. See Appendix for Laboratory Detection Limits
6. NL = Not Located
7. DRY = Well was Dry at the time of Sampling
8. NT = Not Tested.
9. EDB = Ethylene Dibromide
10. 1,2 DCA = 1,2-Dichloroethane
11. PROD = Free Phase Petroleum Product
12. * = Sample collected beneath Product
13. "J" Values used in Total BTEX Calculations
14. "J" values report concentrations above the method detection limits (MDL) and below actual reporting limit (RL).
15. B = Detected in Method Blank
16. S = MS/MSD Failure
17. P = The RPD between the two columns exceeds 40%.
18. DIPE = Diisopropyl Ether
19. ETBE = Ethyl ter-butyl Ether
20. TAA = tert-Amyl Alcohol
21. TAME = tert-Amyl Methyl Ether
22. TBA = ter-Butyl Alcohol
23. TBF = tert-Butyl Formate
24. ETBA = 3,3-Dimethyl-1-Butanol
25. ABD. = Well Has been Abandoned
26. OBS = Well Obstructed

FIGURES



Reference: Sumter East, South Carolina
USGS 7.5 Min. Quad
Contour Interval – 10 Feet

Midlands Environmental Consultants, Inc.	Site Location
Heath Self Serve 2 501 North Guignard Drive, Sumter, SC SCDHEC Site ID# 08932	
Figure 1	MECI 21-7607



Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of 4-Inch Recovery Well
- Location of "Deep" Monitoring Well
- Location of Abandoned Well
- Location of "Intermediate" Monitoring Well
- (SW) Location of Surface Water Sample Collection
- Estimated Location of Removed Underground Storage Tanks
- Estimated Location of Existing Underground Storage Tanks
- —PL— Property Line
- sewer Buried Sewer
- stream Stream

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

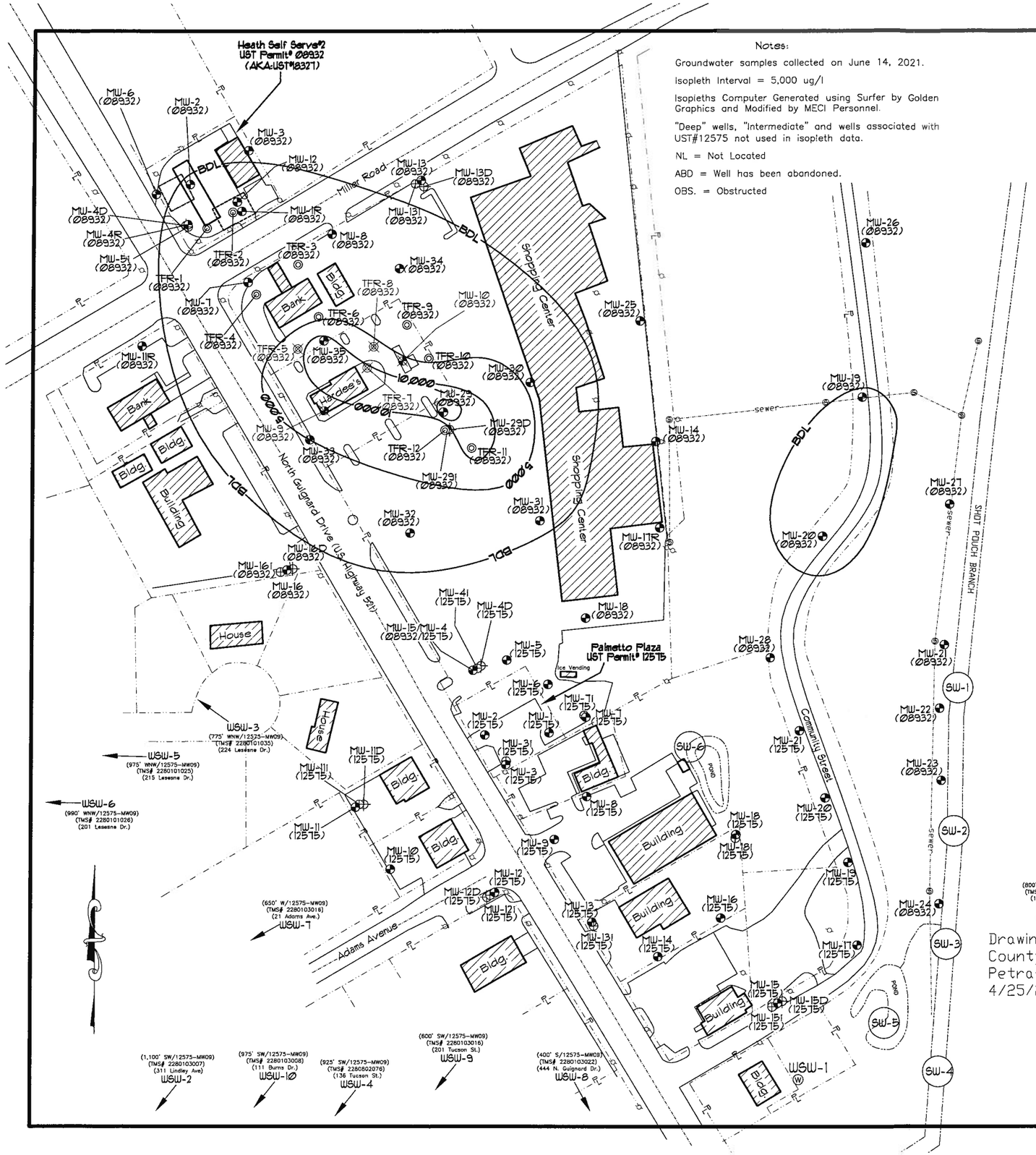
ALL LOCATIONS ARE APPROXIMATE

Site Base Map

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 21-7607
DATE June 28, 2021
FIGURE 2



Notes:

Groundwater samples collected on June 14, 2021.

Isopleth Interval = 5,000 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)
	RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*
MW-1R	**831**	**17800**	**3720**	**21900**	**518 J**	<388	<258	**0.82**
MW-2	**47.8**	63.9	4.4 J	8.4	<2.1	<3.1	<2.1	<0.0097
MW-3	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-4R	**573**	**13300**	**2180**	**11700**	**253 J**	<310	<206	**3.6**
MW-4D	<1.7	3.0 J	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099
MW-5I	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-6	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-7	**4540**	**24100**	**1930**	**16700**	**618 J**	<620	<412	**47.2**
MW-8	**1390**	**16700**	**3060**	**19300**	**737**	<310	<206	**8.9**
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099
MW-12	**276**	**7520**	**2110**	**17100**	**747**	<124	<82.4	**0.047**
MW-13	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-13I	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-13D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-14	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095
MW-15	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-16	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095
MW-16I	2.2 J	<2.0	2.2 J	15.9	<2.1	<3.1	<2.1	<0.0097
MW-16D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0098
MW-17R	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-18	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-19	4.7 J	<2.0	<1.8	<5.0	20.1	6.7	**9.7**	<0.0097
MW-20	**22.9**	<2.0	81.7	6.5	6.4	5.7	<2.1	<0.0097
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095
MW-23	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-26	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.010
MW-27	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0094
MW-28	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-29	**16600**	**39700**	**3130**	**15800**	<836	<1240	**945 J**	**527**
MW-29I	<1.7	<2.0	<1.8	<5.0	<2.1	36.8	2.7 J	**0.23**
MW-29D	**12.8**	19.4	<1.8	<5.0	<2.1	<3.1	<2.1	**0.094**
MW-30	**4300**	**11600**	**1210**	**6650**	**245 J**	<310	<206	**1.6**
MW-31	1.8 J	<2.0	<1.8	<5.0	<2.1	<3.1	2.2 J	<0.0098
MW-32	**1500**	**1650**	**1600**	**8050**	**278**	<77.5	<51.5	**0.16**
MW-33	**4990**	**26200**	**3680**	**18800**	**513 J**	<620	<412	**72.7**
MW-34	**1580**	**10100**	**1510**	**16400**	**570**	<310	<206	**1.7**
MW-35	**11500**	**42900**	**2240**	**20500**	**673 J**	<775	<515	**493**
TFR-1	**106 J**	**4520**	**897**	**7630**	**140 J**	<124	<82.4	**5.0**
TFR-2	**322**	666	292	4040	**77.5**	<38.8	<25.8	<0.0097
TFR-3	**61.4**	129	9.5	184	3.9 J	<3.1	<2.1	**0.38**
TFR-4	**451**	**1580**	78.5	2420	**72.0**	<38.8	<25.8	**1.6**
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	**2910**	**22500**	**2250**	**16000**	**602 J**	<620	<412	**13.8**
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	**49.9**	89.6	9.1	65.8	<2.1	<3.1	2.6 J	**0.26**
TFR-10	**1840**	**5370**	419	3200	**132 J**	<155	<103	**5.7**
TFR-11	**11100**	**28200**	**1990**	**12600**	<522	<775	<515	**410**
TFR-12	**141**	517	35.9	611	24.1	<12.4	<8.2	**8.1**
SW-1	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.010
SW-2	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0098
SW-3	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0095
SW-4	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096
SW-5	<0.34	21.8	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0099
SW-6	<0.34	1.2	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096
WSW-3	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013
WSW-5	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	NS	NS	NS	NS	NS	NS	NS	NS
DUP-1 (TFR-6)	**2720**	**21800**	**2180**	**15800**	**519 J**	<620	<412	**12.8**
DUP-2 (MW-7)	**4630**	**24200**	**2110**	**16600**	**677 J**	<620	<412	**50.2**
DUP-3 (MW-2)	**47.4**	60.6	3.6 J	10.2	<2.1	<3.1	<2.1	<0.0097
WSW DUP (WSW-3)	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013
Field Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013
Trip Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	NT

Groundwater CoC Site Map
(Benzene Isopleth)

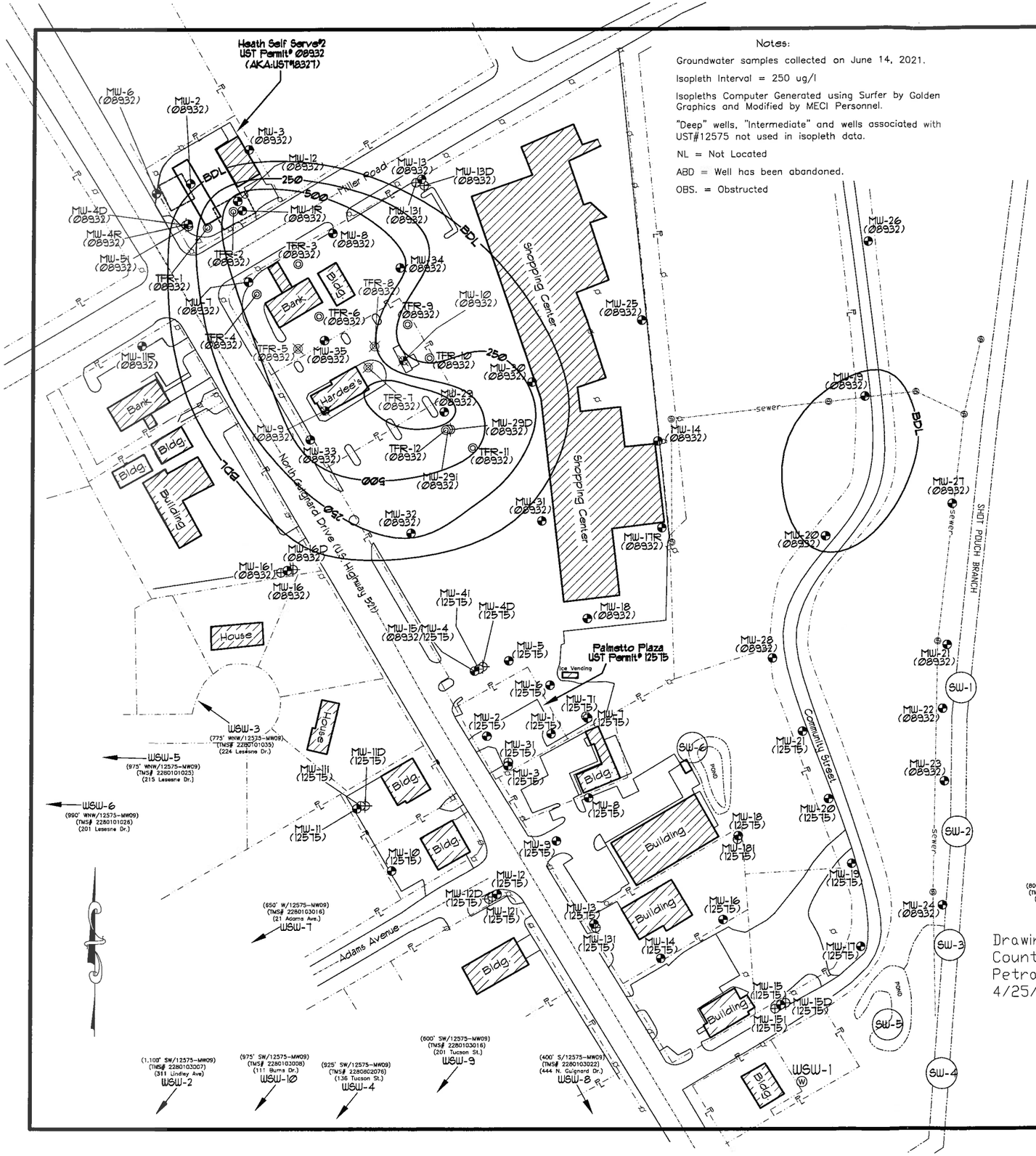
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 21-7607

DATE June 28, 2021

FIGURE 4



Notes:

Groundwater samples collected on June 14, 2021.

Isopleth Interval = 250 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l) RBSL 5	Toluene (µg/l) RBSL 1,000	Ethylbenzene (µg/l) RBSL 700	Total Xylenes (µg/l) RBSL 10,000	Naphthalene (µg/l) RBSL 25	MTBE (µg/l) RBSL 40	1,2 DCA (µg/l) RBSL 5	EDB (µg/l) RBSL 0.05
MW-1R	**531**	**17800**	**3720**	**21900**	**618 J**	<338	<258	**0.82**
MW-2	**47.8**	63.9	4.4 J	8.4	<2.1	<3.1	<2.1	<0.0097
MW-3	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-4R	**573**	**13300**	**2180**	**11700**	**253 J**	<310	<206	**3.6**
MW-4D	<1.7	3.0 J	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099
MW-5I	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-6	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-7	**4540**	**24100**	**1930**	**16700**	**618 J**	<620	<412	**47.2**
MW-8	**1390**	**16700**	**3060**	**19300**	**737**	<310	<206	**8.9**
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099
MW-12	**276**	**7520**	**2110**	**17100**	**747**	<124	<82.4	0.047
MW-13	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-13I	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-13D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-14	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095
MW-15	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-16	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095
MW-16I	2.2 J	<2.0	2.2 J	15.9	<2.1	<3.1	<2.1	<0.0097
MW-16D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0098
MW-17R	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-18	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-19	4.7 J	<2.0	<1.8	<5.0	20.1	6.7	**9.7**	<0.0097
MW-20	**22.9**	<2.0	81.7	6.5	6.4	5.7	<2.1	<0.0097
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095
MW-23	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-26	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.010
MW-27	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0094
MW-28	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-29	**16600**	**39700**	**3130**	**15800**	<836	<1240	**945 J**	**527**
MW-29I	<1.7	<2.0	<1.8	<5.0	<2.1	36.8	2.7 J	**0.23**
MW-29D	**12.8**	19.4	<1.8	<5.0	<2.1	<3.1	<2.1	**0.094**
MW-30	**4300**	**11600**	**1210**	6650	**245 J**	<310	<206	**1.6**
MW-31	1.8 J	<2.0	<1.8	<5.0	<2.1	<3.1	2.2 J	<0.0098
MW-32	**1500**	**1650**	**1600**	6050	**278**	<77.5	<51.5	**0.16**
MW-33	**4990**	**26200**	**3680**	**18800**	**513 J**	<620	<412	**72.7**
MW-34	**1580**	**10100**	**1510**	**16400**	**570**	<310	<206	**1.7**
MW-35	**11500**	**42900**	**2240**	**20500**	**673 J**	<775	<515	**493**
TFR-1	**106 J**	**4520**	**897**	7630	**140 J**	<124	<82.4	**5.0**
TFR-2	**322**	666	292	4040	**77.5**	<39.8	<25.8	<0.0097
TFR-3	**51.4**	129	9.5	184	3.9 J	<3.1	<2.1	**0.38**
TFR-4	**451**	**1580**	78.5	2420	**72.0**	<38.8	<25.8	**1.6**
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	**2910**	**22500**	**2250**	**16000**	**602 J**	<620	<412	**13.8**
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	**49.9**	89.6	9.1	65.8	<2.1	<3.1	2.6 J	**0.26**
TFR-10	**1840**	**6370**	419	3200	**132 J**	<155	<103	**5.7**
TFR-11	**11100**	**26200**	**1990**	**12600**	<522	<775	<515	**410**
TFR-12	**141**	517	35.9	611	24.1	<12.4	<8.2	**8.1**
SW-1	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.010
SW-2	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0098
SW-3	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0095
SW-4	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096
SW-5	<0.34	21.8	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0099
SW-6	<0.34	1.2	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096
WSW-3	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013
WSW-5	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	NS	NS	NS	NS	NS	NS	NS	NS
DUP-1 (TFR-6)	**2720**	**21800**	**2180**	**15800**	**519 J**	<620	<412	**12.8**
DUP-2 (MW-7)	**4630**	**24200**	**2110**	**16600**	**677 J**	<620	<412	**50.2**
DUP-3 (MW-2)	**47.4**	60.6	3.6 J	10.2	<2.1	<3.1	<2.1	<0.0097
WSW DUP (WSW-3)	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013
Field Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013
Trip Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	NT

Groundwater CoC Site Map
(Naphthalene Isopleth)

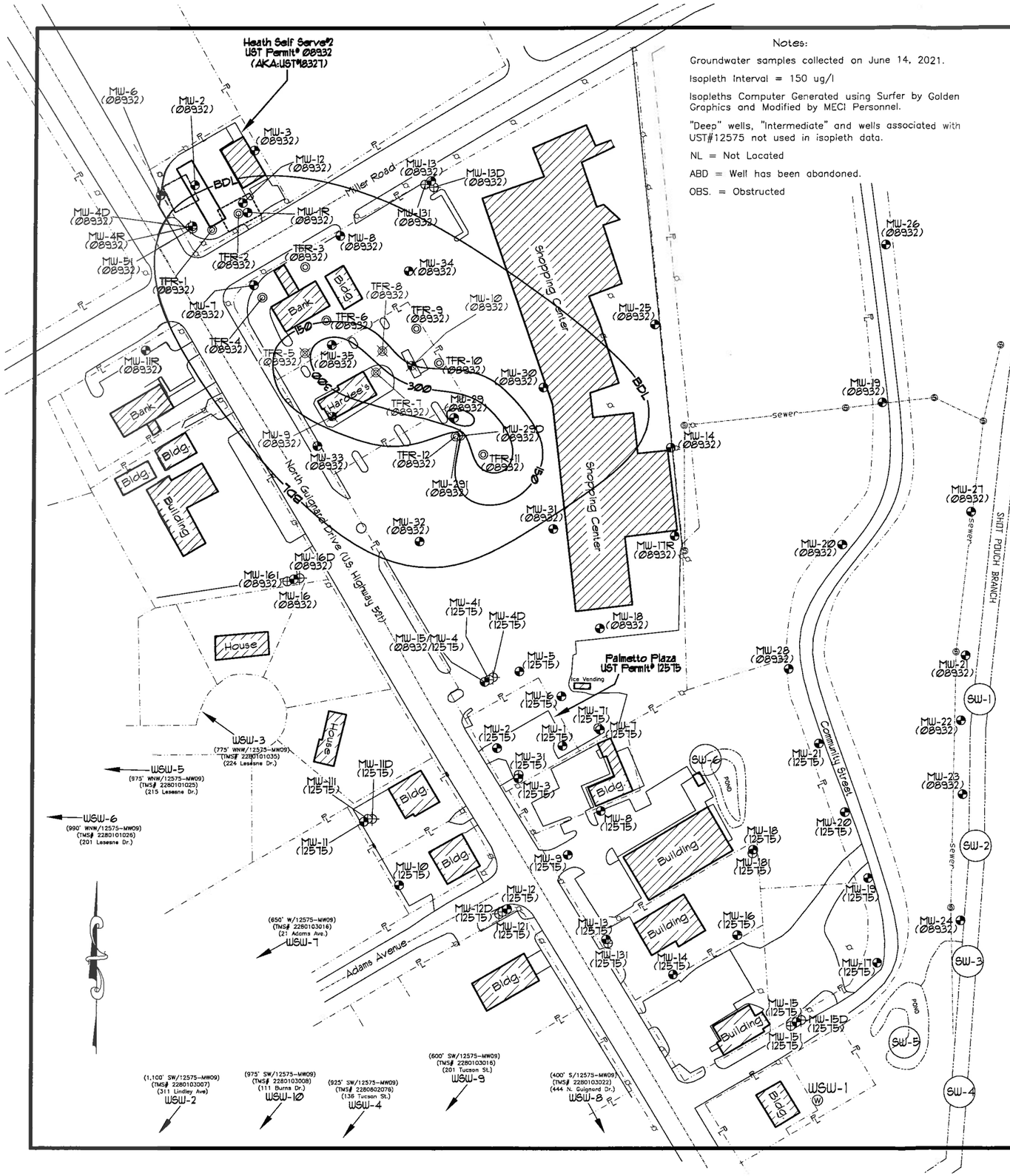
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 21-7607

DATE June 28, 2021

FIGURE 4A



Notes:

Groundwater samples collected on June 14, 2021.

Isopleth Interval = 150 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)
	RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*
MW-1R	**831**	**17800**	**3720**	**21900**	**618 J**	<388	<258	**0.82**
MW-2	**47.8**	63.9	4.4 J	8.4	<2.1	<3.1	<2.1	<0.0097
MW-3	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-4R	**573**	**13300**	**2180**	**11700**	**253 J**	<310	<206	**3.6**
MW-4D	<1.7	3.0 J	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099
MW-5i	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-6	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-7	**4540**	**24100**	**1930**	**16700**	**618 J**	<620	<412	**47.2**
MW-8	**1390**	**16700**	**3060**	**19300**	**737**	<310	<206	**8.9**
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099
MW-12	**276**	**7520**	**2110**	**17100**	**747**	<124	<82.4	0.047
MW-13	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-13i	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-13D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-14	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095
MW-15	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
MW-16	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095
MW-16i	2.2 J	<2.0	2.2 J	15.9	<2.1	<3.1	<2.1	<0.0097
MW-16D	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0098
MW-17R	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-18	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-19	4.7 J	<2.0	<1.8	<5.0	20.1	**6.7**	**9.7**	<0.0097
MW-20	**22.9**	<2.0	81.7	8.5	6.4	5.7	<2.1	<0.0097
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095
MW-23	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-26	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.010
MW-27	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0094
MW-28	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097
MW-29	**15600**	**39700**	**3130**	**15800**	<836	<1240	**945 J**	**527**
MW-29i	<1.7	<2.0	<1.8	<5.0	<2.1	36.5	2.7 J	**0.23**
MW-29D	**12.8**	19.4	<1.8	<5.0	<2.1	<3.1	<2.1	**0.094**
MW-30	**4300**	**11600**	**1210**	**6850**	**245 J**	<310	<206	**1.6**
MW-31	1.8 J	<2.0	<1.8	<5.0	<2.1	<3.1	2.2 J	<0.0098
MW-32	**1500**	**1650**	**1600**	**6050**	**278**	<77.5	<51.5	**0.16**
MW-33	**4990**	**26200**	**3680**	**18800**	**513 J**	<620	<412	**72.7**
MW-34	**1580**	**10100**	**1510**	**16400**	**570**	<310	<206	**1.7**
MW-35	**11500**	**42900**	**2240**	**20500**	**673 J**	<775	<515	**493**
TFR-1	**106 J**	**4520**	**897**	7630	**140 J**	<124	<82.4	**5.0**
TFR-2	**322**	666	292	4040	**77.5**	<38.8	<25.8	<0.0097
TFR-3	**61.4**	129	9.5	184	**3.9 J**	<3.1	<2.1	**0.38**
TFR-4	**451**	**1580**	78.5	2420	**72.0**	<38.5	<25.8	**1.6**
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	**2910**	**22500**	**2250**	**16000**	**602 J**	<620	<412	**13.8**
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	**49.9**	89.6	9.1	65.8	<2.1	<3.1	2.6 J	**0.26**
TFR-10	**1840**	**6370**	419	3200	<155	<103	**5.7**
TFR-11	**11100**	**26200**	**1990**	**12600**	<522	<775	<515	**410**
TFR-12	**141**	517	35.9	611	24.1	<12.4	<8.2	**8.1**
SW-1	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.010
SW-2	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0098
SW-3	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0095
SW-4	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096
SW-5	<0.34	21.8	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0099
SW-6	<0.34	1.2	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096
WSW-3	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013
WSW-5	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	NS	NS	NS	NS	NS	NS	NS	NS
DUP-1 (TFR-6)	**2720**	**21600**	**2180**	**15800**	**519 J**	<620	<412	**12.8**
DUP-2 (MW-7)	**4630**	**24200**	**2110**	**16600**	**577 J**	<620	<412	**50.2**
DUP-3 (MW-2)	**47.4**	60.6	3.6 J	10.2	<2.1	<3.1	<2.1	<0.0097
WSW DUP (WSW-3)	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013
Field Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096
	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013
Trip Blank	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT
	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	NT

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Groundwater CoC Site Map
(EDB Isopleth)

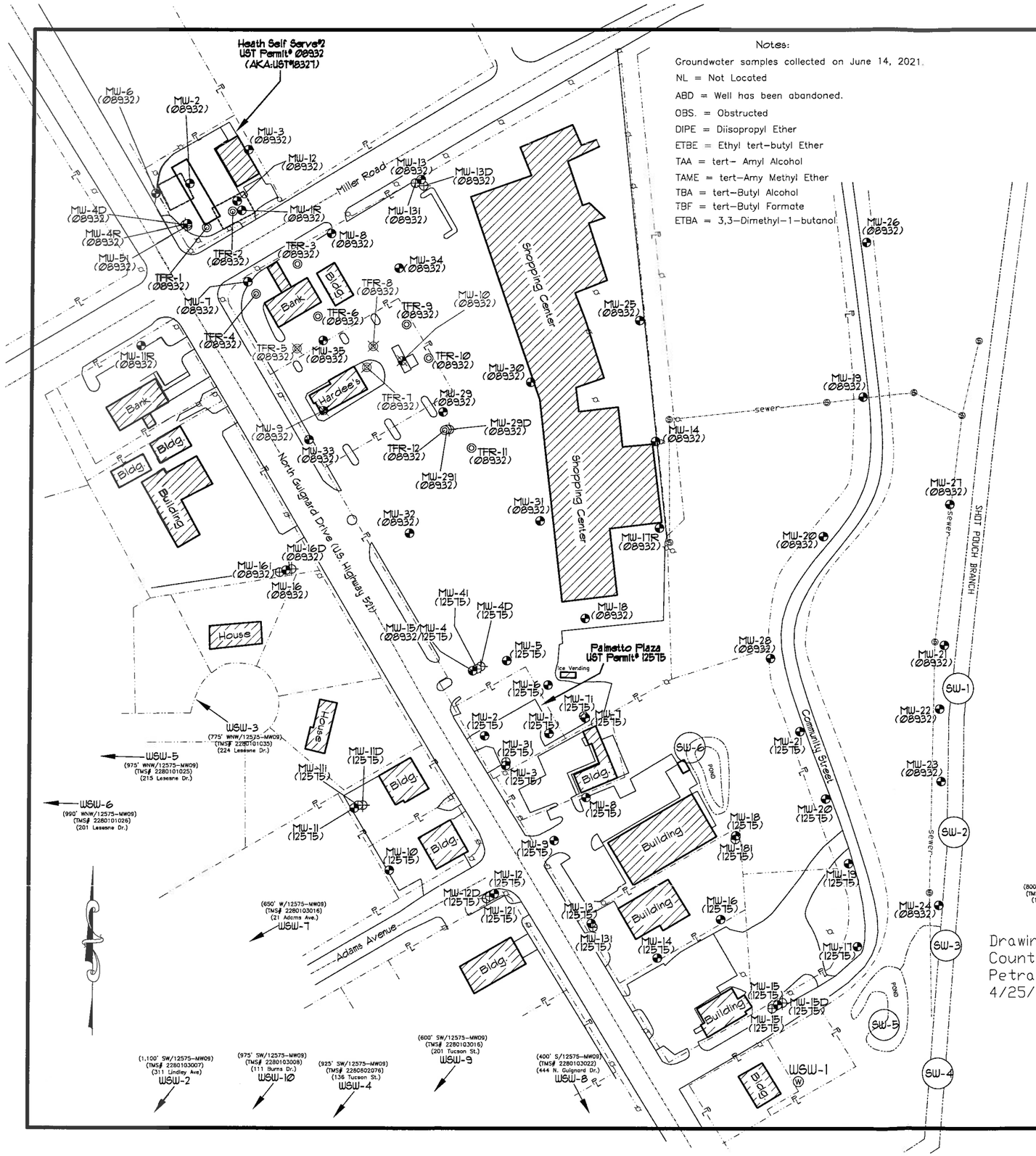
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 21-7607

DATE June 28, 2021

FIGURE 4B



Notes:

Groundwater samples collected on June 14, 2021.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

DIPE = Diisopropyl Ether

ETBE = Ethyl tert-butyl Ether

TAA = tert- Amyl Alcohol

TAME = tert-Amy Methyl Ether

TBA = tert-Butyl Alcohol

TBF = tert-Butyl Formate

ETBA = 3,3-Dimethyl-1-butanol

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

GROUNDWATER COC CONCENTRATION DATA (OXYGENATES)

Well Number	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
	RBSL 240	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-1R	<8200	<380	<8740	<11400	<3010	<436	<18000	<1080
MW-2	171	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-3	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-4R	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
MW-4D	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-5i	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-6	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-7	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
MW-8	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-12	<2620	<122	<2160	<3640	<964	<140	<5760	<338
MW-13	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-13i	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-13D	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-14	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-15	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16i	127	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-16D	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-17R	66.1 J	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-18	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-19	**984**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-20	**3140**	<3.0	<53.9	154	<24.1	<3.5	<144	<8.5
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-23	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-26	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-27	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-28	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-29	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
MW-29i	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-29D	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-30	**18100**	<304	<5390	<9100	<2410	<349	<14400	<846
MW-31	139	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
MW-32	**3930**	<76.0	<1350	<2280	<602	<87.2	<3600	<212
MW-33	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
MW-34	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
MW-35	**37700**	<760	<13500	<22800	<6020	<872	<36000	<2120
TFR-1	<2620	<122	<2160	<3640	<964	<140	<5760	<338
TFR-2	<820	<38.0	<674	<1140	<301	<43.6	<1800	<106
TFR-3	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
TFR-4	<820	<38.0	<674	<1140	<301	<43.6	<1800	<106
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	77.9 J	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
TFR-10	**3590 J**	<152	<2700	<4550	<1200	<174	<7200	<423
TFR-11	<16400	<760	<13500	<22800	<6020	<872	<36000	<2120
TFR-12	**355 J**	<12.2	<216	<364	<96.4	<14.0	<576	<33.8
SW-1	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-2	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-3	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-4	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-5	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
SW-6	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
WSW-3	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
WSW-5	NS	NS	NS	NS	NS	NS	NS	NS
WSW-6	NS	NS	NS	NS	NS	NS	NS	NS
DUP-1 (TFR-6)	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
DUP-2 (MW-7)	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
DUP-3 (MW-2)	**277**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
WSW DUP (WSW-3)	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
Field Blank	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
Trip Blank	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Groundwater CoC Site Map
(Oxygenates)

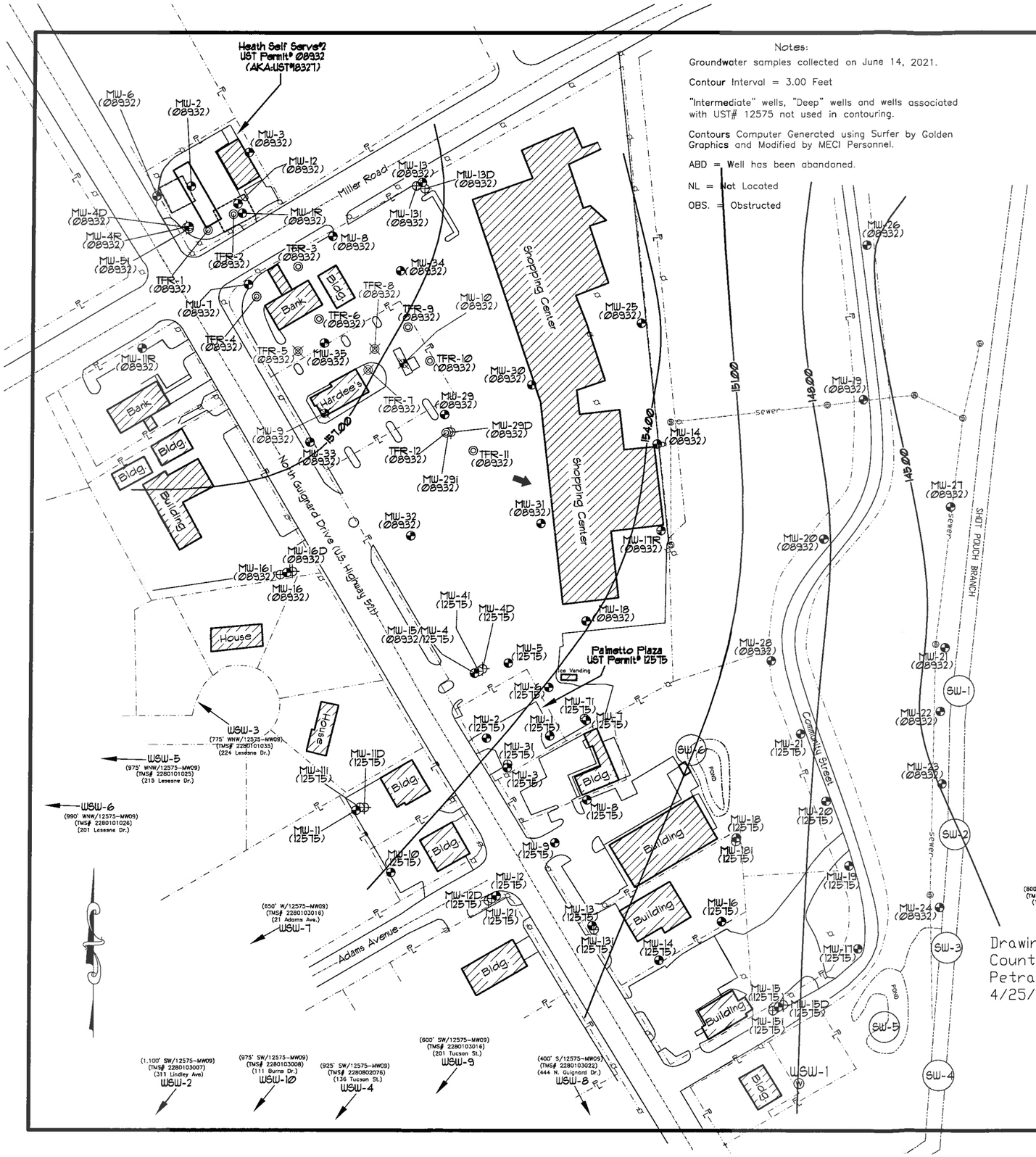
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 21-7607

DATE June 28, 2021

FIGURE 4C



Notes:

Groundwater samples collected on June 14, 2021.

Contour Interval = 3.00 Feet

"Intermediate" wells, "Deep" wells and wells associated with UST# 12575 not used in contouring.

Contours Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

ABD = Well has been abandoned.

NL = Not Located

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Groundwater Elevation Contour (feet)

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

POTENTIOMETRIC DATA

Well Number	Screened Interval	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Well-head Elevation	Groundwater Elevation
MW-1R	13-23	---	13.84	---	171.85	158.01
MW-2	14-24	---	14.26	---	171.75	157.49
MW-3	14-24	---	14.57	---	173.70	159.13
MW-4R	12-22	---	13.46	---	171.22	157.76
MW-4D	52-57	---	14.90	---	171.17	156.27
MW-5i	40-45	---	14.09	---	171.15	157.06
MW-6	12-22	---	12.91	---	171.25	158.34
MW-7	12-22	---	13.64	---	171.23	157.59
MW-8	13-23	---	14.41	---	172.15	157.74
MW-9	13-23	---	Abandoned	---	170.53	Abandoned
MW-10	13-23	---	Abandoned	---	170.31	Abandoned
MW-11R	13-23	---	13.45	---	170.33	156.88
MW-12	10-30	---	14.28	---	172.28	158.00
MW-13	13-23	---	15.04	---	172.43	157.39
MW-13i	40-45	---	15.54	---	172.40	156.86
MW-13D	53-58	---	16.70	---	172.34	155.64
MW-14	10-20	---	10.33	---	164.01	153.68
MW-15	8-18	---	9.02	---	163.92	154.90
MW-16	10-20	---	10.14	---	166.77	156.63
MW-16i	40-45	---	10.84	---	166.66	155.82
MW-16D	55-60	---	13.34	---	166.78	153.44
MW-17R	10-20	---	10.21	---	163.81	153.60
MW-18	10-20	---	10.86	---	165.04	154.18
MW-19	3-13	---	3.72	---	149.34	145.62
MW-20	3-13	---	4.52	---	153.24	148.72
MW-21	3-13	---	NL	---	145.46	NL
MW-22	3-13	---	1.49	---	145.86	144.37
MW-23	3-13	---	0.50	---	145.47	144.97
MW-24	3-13	---	NL	---	144.62	NL
MW-25	6-16	---	7.29	---	162.47	155.18
MW-26	5-15	---	5.19	---	150.23	145.04
MW-27	6-16	---	2.28	---	146.19	143.91
MW-28	2-12	---	3.96	---	153.73	149.77
MW-29	10-20	---	12.63	---	169.20	156.57
MW-29i	40-45	---	12.75	---	169.12	156.37
MW-29D	55-60	---	15.34	---	169.08	153.74
MW-30	10-20	---	12.26	---	168.05	155.79
MW-31	10-20	---	12.68	---	167.65	154.97
MW-32	10-20	---	11.82	---	168.07	156.25
MW-33	10-20	---	12.28	---	169.33	157.05
MW-34	10-20	---	13.19	---	170.36	157.17
MW-35	10-20	---	14.00	---	171.18	157.18
TFR-1	TD: 24.40'	---	13.45	---	171.56	158.11
TFR-2	TD: 24.00'	---	13.98	---	172.02	158.04
TFR-3	TD: 25.20'	---	13.88	---	171.48	157.60
TFR-4	TD: 24.30'	---	13.63	---	171.35	157.72
TFR-5	TD: 25.00'	---	Abandoned	---	171.34	Abandoned
TFR-6	TD: 22.18'	---	13.71	---	171.03	157.32
TFR-7	TD: 25.00'	---	Abandoned	---	170.92	Abandoned
TFR-8	TD: 25.00'	---	Abandoned	---	170.74	Abandoned
TFR-9	TD: 25.01'	---	12.91	---	169.85	156.94
TFR-10	TD: 24.92'	---	12.28	---	168.99	156.71
TFR-11	TD: 25.03'	---	12.54	---	168.71	156.17
TFR-12	TD: 25.03'	---	12.71	---	169.21	156.50

Potentiometric Data Site Map
(Groundwater Contour-"Shallow" Zone)

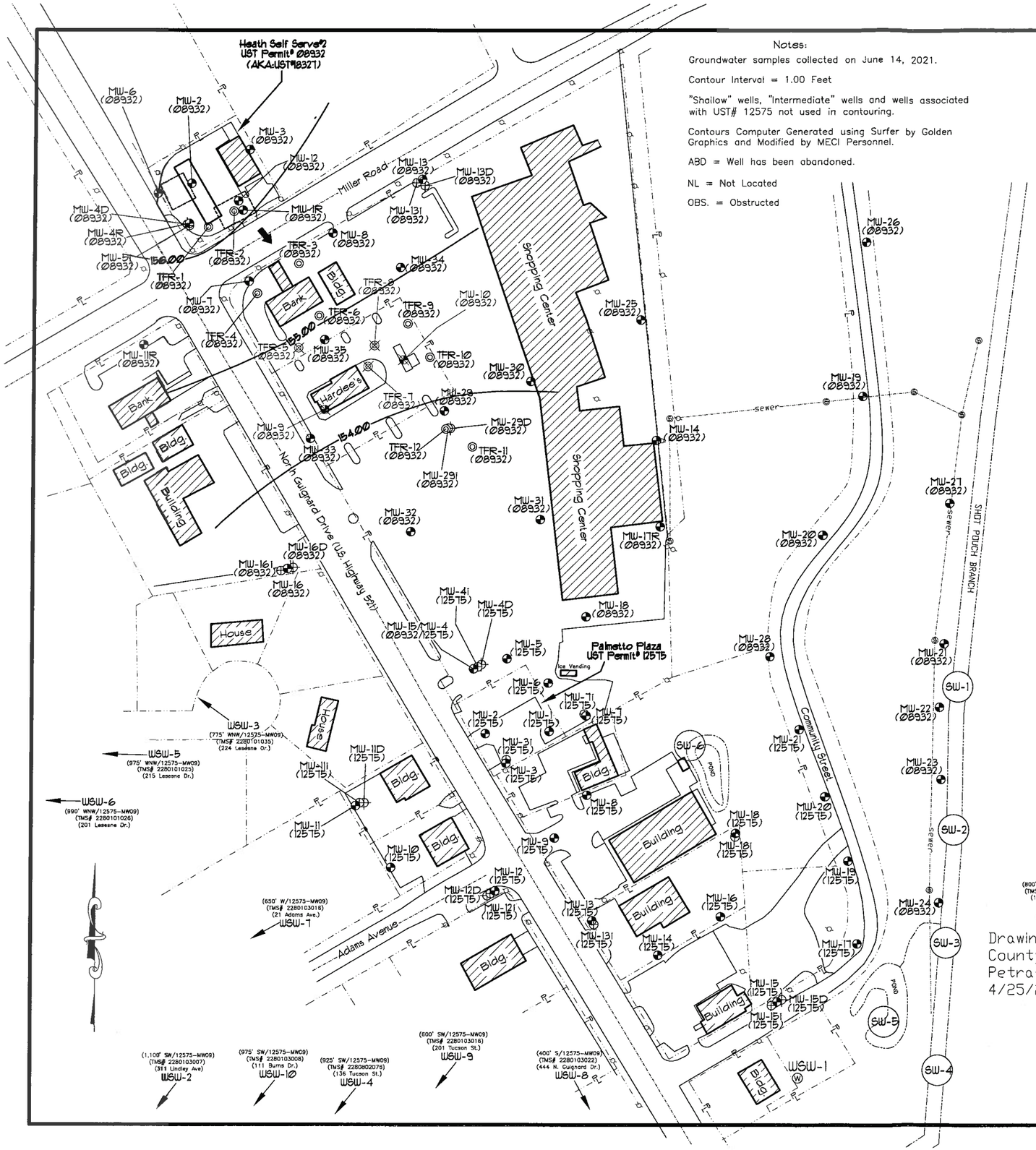
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 21-7607

DATE June 28, 2021

FIGURE 5



Notes:

Groundwater samples collected on June 14, 2021.

Contour Interval = 1.00 Feet

"Shallow" wells, "Intermediate" wells and wells associated with UST# 12575 not used in contouring.

Contours Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

ABD = Well has been abandoned.

NL = Not Located

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

—— Groundwater Elevation Contour (feet)

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

POTENTIOMETRIC DATA

Well Number	Screened Interval	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Well-head Elevation	Groundwater Elevation
MW-1R	13-23	---	13.84	---	171.85	158.01
MW-2	14-24	---	14.26	---	171.75	157.49
MW-3	14-24	---	14.57	---	173.70	159.13
MW-4R	12-22	---	13.46	---	171.22	157.76
MW-4D	52-57	---	14.90	---	171.17	156.27
MW-5i	40-45	---	14.09	---	171.15	157.06
MW-6	12-22	---	12.91	---	171.25	158.34
MW-7	12-22	---	13.64	---	171.23	157.59
MW-8	13-23	---	14.41	---	172.15	157.74
MW-9	13-23	---	Abandoned	---	170.53	Abandoned
MW-10	13-23	---	Abandoned	---	170.31	Abandoned
MW-11R	13-23	---	13.45	---	170.33	156.88
MW-12	10-30	---	14.28	---	172.28	158.00
MW-13	13-23	---	15.04	---	172.43	157.39
MW-13i	40-45	---	15.54	---	172.40	156.86
MW-13D	53-58	---	16.70	---	172.34	155.64
MW-14	10-20	---	10.33	---	164.01	153.68
MW-15	8-18	---	9.02	---	163.92	154.90
MW-16	10-20	---	10.14	---	166.77	156.63
MW-16i	40-45	---	10.84	---	166.66	155.82
MW-16D	55-60	---	13.34	---	166.78	153.44
MW-17R	10-20	---	10.21	---	163.81	153.60
MW-18	10-20	---	10.86	---	165.04	154.18
MW-19	3-13	---	3.72	---	149.34	145.62
MW-20	3-13	---	4.52	---	153.24	148.72
MW-21	3-13	---	NL	---	145.46	NL
MW-22	3-13	---	1.49	---	145.86	144.37
MW-23	3-13	---	0.50	---	145.47	144.97
MW-24	3-13	---	NL	---	144.62	NL
MW-25	6-16	---	7.29	---	162.47	155.18
MW-26	5-15	---	5.19	---	150.23	145.04
MW-27	6-16	---	2.28	---	146.19	143.91
MW-28	2-12	---	3.96	---	153.73	149.77
MW-29	10-20	---	12.63	---	169.20	156.57
MW-29i	40-45	---	12.75	---	169.12	156.37
MW-29D	55-60	---	15.34	---	169.08	153.74
MW-30	10-20	---	12.26	---	168.05	155.79
MW-31	10-20	---	12.68	---	167.65	154.97
MW-32	10-20	---	11.82	---	168.07	156.25
MW-33	10-20	---	12.28	---	169.33	157.05
MW-34	10-20	---	13.19	---	170.36	157.17
MW-35	10-20	---	14.00	---	171.18	157.18
TFR-1	TD: 24.40'	---	13.45	---	171.56	158.11
TFR-2	TD: 24.00'	---	13.98	---	172.02	158.04
TFR-3	TD: 25.20'	---	13.88	---	171.48	157.60
TFR-4	TD: 24.30'	---	13.63	---	171.35	157.72
TFR-5	TD: 25.00'	---	Abandoned	---	171.34	Abandoned
TFR-6	TD: 22.18'	---	13.71	---	171.03	157.32
TFR-7	TD: 25.00'	---	Abandoned	---	170.92	Abandoned
TFR-8	TD: 25.00'	---	Abandoned	---	170.74	Abandoned
TFR-9	TD: 25.01'	---	12.91	---	169.85	156.94
TFR-10	TD: 24.92'	---	12.28	---	168.99	156.71
TFR-11	TD: 25.03'	---	12.54	---	168.71	156.17
TFR-12	TD: 25.03'	---	12.71	---	169.21	156.50

Potentiometric Data Site Map
(Groundwater Contour-"Deep" Zone)

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 21-7607

DATE June 28, 2021

FIGURE 5A

APPENDIX A:

SITE SURVEY

(Not Applicable)

APPENDIX B:

SAMPLING LOGS, LABORATORY DATA SHEETS, & CHAIN-OF-CUSTODY FORMS

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-1R	Initial	14:19	5.91	162.7	25.0	2.05	22.90		13.84		13.23	—	—	—	6/15 Odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-2	Initial	13:07	5.96	152.8	24.0	2.63	31.67		14.26		14.24	—	—	—	DUP-3 6/15 Odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-3	Initial	14:28	5.14	26.2	21.6	6.73	17.35		14.57		14.24	—	—	—	6/15 No odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-4R	Initial	13:42	5.32	49.8	23.0	2.35	34.06		13.46		12.22	—	—	—	6/15 slight odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-10	Initial	13:11	5.41	64.8	23.4	2.20	30.49		14.90		57-52	42.10	6.86	34.5	6/15
	1st	13:17	5.39	65.0	23.1	2.09	37.18								
	2nd	13:22	5.32	66.9	22.8	1.92	35.04								
	3rd	13:26	5.24	68.1	22.5	1.84	31.16								
	4th	13:31	5.20	69.7	21.9	1.60	30.25								
	5th	13:37	5.17	71.3	22.2	1.58	28.67						34.31		No odor
	Sampling														
mw-5i	Initial	13:15	5.01	47.1	22.9	2.51	23.34		14.09		40-45	30.91	5.04	25.5	6/15
	1st	13:19	4.96	45.9	22.2	2.49	49.07								
	2nd	13:24	4.90	48.0	22.1	2.41	44.20								
	3rd	13:28	4.87	51.2	22.1	2.36	37.26								
	4th	13:31	4.85	53.8	22.0	2.32	41.39								
	5th	13:36	4.84	55.1	22.1	2.30	35.16						25.19		No odor
	Sampling														
mw-6	Initial	13:04	5.52	73.9	24.3	3.32	28.32		12.91		12-22	-	-	-	6/15
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														No odor
mw-7	Initial	11:30	5.63	159.7	23.2	2.02	24.99		13.64		12-22	-	-	-	6/15
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling												-	-	odor DUP-2

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-8	Initial	12:01	5.36	67.0	24.3	2.48	18.34		14.41		13-23	–	–	–	6/15
	1st												–		No
	2nd														Odor
	3rd														
	4th														
	5th														
	Sampling														
MW-11R	Initial	14:01	4.66	51.2	22.8	2.57	23.57		13.45		13-23	–	–	–	No 6/14
	1st														Odor
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-12	Initial	14:24	5.82	145.4	25.0	2.52	28.98		14.28		10-30	–	–	–	6/15
	1st												–		Slight
	2nd														Odor
	3rd														
	4th														
	5th														
	Sampling														
MW-13	Initial	12:50	4.94	25.6	25.2	8.66	28.95		15.04		13-23	–	–	–	6/15
	1st														No
	2nd												–		Odor
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-13i	Initial	12:25	5.26	32.6	23.7	7.31	25.89		15.54		40-45	29.46	4.80	24	6/15 No Odor
	1st	12:29	5.23	31.7	22.2	5.98	29.01								
	2nd	12:34	5.21	33.9	22.9	5.44	27.64								
	3rd	12:39	5.09	35.0	22.9	5.41	26.33								
	4th	12:42	5.16	35.8	23.0	5.32	22.04								
	5th	12:46	5.11	36.1	23.0	5.30	21.56						24.00		
	Sampling														
MW-13D	Initial	12:21	5.45	43.3	24.4	6.31	18.44		16.70		53-58	41.3	6.73	34	6/15 No Odor
	1st	12:26	5.41	45.1	24.1	4.50	25.70								
	2nd	12:30	5.40	45.9	23.6	4.01	29.36								
	3rd	12:36	5.36	47.0	23.3	3.57	25.01								
	4th	12:41	5.34	49.3	23.1	3.48	22.49								
	5th	12:46	5.33	50.8	23.0	3.45	21.70						33.66		
	Sampling														
MW-14	Initial	12:34	4.72	88.6	24.8	3.46	21.80		10.33		10-20	-	-	-	6/14 No Odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-15	Initial	12:53	4.42	78.3	26.7	4.69	20.91		9.02		6-18	-	-	-	6/14 No Odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-16	Initial	13:25	4.11	49.0	22.8	5.70	15.40		10.14		10-20	~	~	~	No odor 6/14
	1st												~		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-16i	Initial	13:30	4.39	38.7	22.7	22.6	17.50		10.84		40-45	34.16	5.57	28	No odor 6/14
	1st	13:39	4.25	37.9	22.5	2.03	27.04						27.84		
	2nd	13:43	4.26	37.0	22.3	2.03	36.90								
	3rd	13:48	4.19	37.2	22.0	1.99	30.08								
	4th	13:52	4.15	37.4	22.0	1.74	27.95								
	5th	13:56	4.13	36.9	22.0	1.60	25.44								
	Sampling														
mw-16D	Initial	13:20	5.22	40.4	22.3	5.60	16.02		13.34		55-60	46.66	7.60	38.5	No odor 6/14
	1st	13:26	4.80	41.0	22.0	5.49	35.81						38.03		
	2nd	13:35	4.66	41.9	22.1	5.43	44.16								
	3rd	1341	4.59	43.9	22.1	5.42	40.02								
	4th	13:46	4.55	45.2	22.1	5.38	35.10								
	5th	13:51	4.53	47.0	22.0	5.37	27.08								
	Sampling														
mw-17R	Initial	12:40	5.05	84.3	27.1	4.02	30.25		10.21		10-20	-	-	-	No odor 6/14
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath SelfServe 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-18	Initial	12:46	5.07	53.7	26.3	2.70	28.13		10.86		10-20	—	—	—	No Odor 6/14
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-19	Initial	15:02	5.10	30.8	29.5	2.49	19.41		3.72		3-13	—	—	—	6/15 No Odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-20	Initial	11:26	5.14	76.1	23.2	2.31	42.96		SV: 2.55		3-13	11.03	1.80	9	Slight Odor 6/14
	1st	11:28	5.10	71.0	23.1	2.11	84.86								
	2nd	11:29	5.09	70.9	23.1	1.81	80.13								
	3rd	11:30	5.07	68.4	22.9	1.67	74.27								
	4th	11:31	5.07	66.5	22.9	1.62	71.08								
	5th	11:32	5.05	63.8	22.8	1.59	67.13		WL: 4.52				8.99		
	Sampling														
mw-21	Initial										3-13				Not Located
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath SelfServe 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): Initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-22	Initial	10:54	5.39	259.6	23.0	2.48	18.52		1.49		3-13	11.51	1.88	9.5	No odor 6/14
	1st	10:55	5.35	241.8	22.8	2.06	114.8								
	2nd	10:56	5.36	230.9	22.8	1.82	152.0								
	3rd	10:58	5.32	222.1	22.8	1.77	142.7								
	4th	11:00	5.31	221.8	22.9	1.68	101.9								
	5th	11:02	5.30	216.0	22.8	1.64	84.63						9.38		
	Sampling														
MW-23	Initial	10:41	5.74	104.2	23.0	1.39	22.81		0.50		3-13	12.5	2.04	10.5	No odor 6/14
	1st	10:42	5.70	101.8	23.1	1.71	79.86								
	2nd	10:44	5.61	99.6	23.0	1.45	154.7								
	3rd	10:45	5.55	98.1	23.0	1.27	190.1								
	4th	10:47	5.52	98.0	22.9	1.21	108.0								
	5th	10:49	5.50	97.6	22.9	1.18	94.12						10.19		
	Sampling														
MW-24	Initial										3-13				Not Located
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-25	Initial	12:24	5.14	64.8	26.2	2.62	25.18		7.29		6-16	-	-	-	No odor 6/14
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling												-		

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath SelfServe 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): Initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-26	Initial	11:36	4.89	55.5	21.6	2.11	21.35		5.19		5-15	–	–	–	No odor 6/14
	1st												–		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-27	Initial	10:09	5.35	263.9	24.9	2.47	27.51		2.28		6-16	13.72	2.24	11.5	6/15 No odor
	1st	10:11	5.19	258.6	24.0	2.29	141.7								
	2nd	10:13	5.13	251.2	23.0	2.20	163.9								
	3rd	10:14	5.08	249.7	22.9	2.14	110.8								
	4th	10:16	5.07	245.0	22.9	2.06	94.24								
	5th	10:17	5.09	241.6	22.9	1.98	71.70						11.18		
	Sampling														
MW-28	Initial	11:15	5.03	111.5	22.0	2.99	31.04		SV: 2.30 EL: 3.96		2-12	SV: 2.30 10.34	[illegible] 1.68	8.5	No Odor 6/14
	1st	11:17	5.01	104.7	22.0	2.59	96.81								
	2nd	11:18	4.97	102.5	21.9	2.40	99.49								
	3rd	11:19	4.99	102.3	21.9	2.37	80.16								
	4th	11:21	4.98	100.0	21.8	2.34	76.22								
	5th	11:23	4.97	99.8	21.8	2.31	71.09						8.43		
	Sampling														
MW-29	Initial	14:26	5.29	139.8	26[illegible]	2.10	22.79		12.63		10-20	–	–	–	6/14 Slight odor
	1st												–		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-29	Initial	14:36	4.83	41.3	26.1	3.06	24.67		12.75		40.45	32.25	5.26	26.5	No Odor
	1st	14:40	4.79	39.4	25.4	2.75	54.80								
	2nd	14:44	4.74	38.9	25.1	2.71	59.36								
	3rd	14:48	4.72	36.0	24.6	2.60	48.21								
	4th	14:52	4.71	36.3	24.3	2.53	44.06								
	5th	14:56	4.68	35.9	24.2	2.51	40.39						26.28		6/14
	Sampling														
mw-29D	Initial	14:30	4.73	56.2	26.3	5.20	12.61		15.34		55.60	44.66	7.28	36.5	No Odor
	1st	14:36	4.65	61.8	25.7	5.04	51.04								
	2nd	14:42	4.61	64.0	25.1	4.14	45.89								
	3rd	14:49	4.60	65.3	24.8	4.02	40.33								
	4th	14:55	4.58	66.7	24.7	3.91	36.48								
	5th	15:01	4.57	68.1	24.5	3.80	33.19						36.40		6/14
	Sampling														
mw-30	Initial	14:21	5.15	165.2	26.3	2.16	21.84		12.26		10-20	—	—	—	Slight Odor 6/14
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-31	Initial	12:56	4.35	70.4	26.5	3.89	21.47		12.68		10-20	—	—	—	No Odor 6/14
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-32	Initial	13:07	5.47	377.9	25.9	2.48	26.04		11.82		10-20	—	—	—	slight odor 6/14
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-33	Initial	14:13	4.73	74.1	24.8	2.04	26.73		12.28		10-20	—	—	—	No Odor 6/14
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-34	Initial	10:34	5.32	71.5	27.0	2.41	20.69		13.19		10-20	—	—	—	6/15 slight Odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-35	Initial	11:05	4.61	170.7	26.0	2.28	21.80		14.00		10-20	—	—	—	6/15 slight Odor
	1st												—		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	PH/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): Initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
TFR-1	Initial	13:46	5.42	49.0	24.5	2.52	19.50		13.45		TD: 24.40	10.95	7.15	36	No odor 6/15
	1st	13:52	5.40	40.1	23.9	2.16	24.72								
	2nd	13:58	5.37	38.7	23.5	2.05	29.88								
	3rd	14:04	5.38	36.0	23.2	2.01	25.13								
	4th	14:09	5.35	35.9	23.1	1.92	22.24								
	5th	14:15	5.32	35.1	23.0	1.90	21.80						35.75		
	Sampling														
TFR-2	Initial	13:50	5.57	73.6	25.4	2.32	28.95		13.98		TD: 24.00	10.02	6.54	33	No odor 6/15
	1st	13:56	5.62	70.4	24.0	2.16	33.49								
	2nd	13:59	5.50	65.1	23.7	2.14	38.75								
	3rd	14:04	5.47	60.9	23.0	2.06	31.42								
	4th	14:08	5.41	52.8	22.8	2.01	30.18								
	5th	14:16	5.43	56.2	22.6	1.98	27.63						32.72		
	Sampling														
TFR-3	Initial	11:46	5.70	86.0	24.0	2.39	14.72		13.88		TD: 25.20	11.32	7.39	37	No odor 6/15
	1st	11:51	5.59	82.8	23.5	2.09	33.04								
	2nd	11:57	5.63	79.5	23.4	2.02	36.79								
	3rd	12:04	5.55	78.1	22.9	1.94	31.18								
	4th	12:09	5.51	76.7	22.8	1.90	27.90								
	5th	12:14	5.50	76.1	22.8	1.86	25.11						36.96		
	Sampling														
TFR-4	Initial	11:10	4.93	89.2	25.7	2.11	17.25		13.63		TD: 24.30	10.67	6.98	35	Slight Odor 6/15
	1st	11:16	4.90	82.4	24.9	2.04	28.41								
	2nd	11:25	4.86	80.1	24.7	1.90	29.03								
	3rd	11:29	4.80	76.4	24.6	1.84	25.51								
	4th	11:34	4.79	75.9	24.6	1.81	23.86								
	5th	11:39	4.77	75.2	24.6	1.80	20.49						34.84		
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
TFR-5	Initial										TD: 25.00				ABD
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
TFR-6	Initial	10:37	5.20	112.5	28.2	3.05	19.81				TD: 22.18	8.47	5.53	28	6/15 DUP-1 Odor
	1st	10:41	5.17	110.0	27.2	2.81	58.40								
	2nd	10:45	5.11	109.6	26.8	2.85	51.02								
	3rd	10:51	5.08	105.8	26.5	2.67	43.76								
	4th	10:56	5.01	102.0	26.4	2.61	40.49								
	5th	10:59	4.96	99.6	26.2	2.59	35.16								
	Sampling								13.71				27.65		
TFR-7	Initial										TD: 25.00				ABD
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
TFR-8	Initial										TD: 25.00				ABD
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: Yes No

Conductivity: Yes No

Dissolved Oxygen: Yes No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
TFR-9	Initial	10:29	5.98	84.6	27.2	3.76	24.80		12.91		TD: 25.01	12.10	7.90	39.5	6/15
	1st	10:37	5.90	78.4	26.2	3.11	57.44								
	2nd	10:45	5.79	73.9	26.0	2.81	60.08								
	3rd	10:51	5.75	76.4	25.8	2.65	49.89								
	4th	10:57	5.64	71.0	25.8	2.49	45.26								
	5th	11:04	5.60	68.7	25.9	2.38	39.22						39.50		No Odor
	Sampling														
TFR-10	Initial	15:43	4.91	72.1	27.6	2.24	30.46		12.28		TD: 24.92	12.64	8.25	41.5	slight odor
	1st	15:49	4.86	70.8	26.8	2.16	54.85								
	2nd	15:55	4.82	70.4	25.9	2.13	77.21								
	3rd	15:59	4.80	64.5	25.5	2.01	60.03								
	4th	16:04	4.75	66.2	25.4	1.90	49.18								
	5th	16:09	4.79	64.0	25.0	1.86	40.25						41.27		6/14
	Sampling														
TFR-11	Initial	15:05	4.68	50.1	29.1	2.09	16.59		12.54		TD: 25.03	12.49	8.16	41	No odor
	1st	15:13	4.65	45.2	27.1	1.98	25.30								
	2nd	15:21	4.60	41.8	26.5	1.91	58.14								
	3rd	15:29	4.57	40.8	26.1	1.89	68.22								
	4th	15:36	4.59	39.7	26.0	1.86	60.81								
	5th	15:44	4.56	39.1	25.9	1.85	54.10						40.78		6/14
	Sampling														
TFR-12	Initial	15:03	5.14	52.7	27.3	2.68	26.70		12.71		TD: 25.03	12.32	8.04	40.5	slight odor
	1st	15:09	5.05	50.0	26.5	2.51	58.99								
	2nd	15:17	5.01	48.9	26.0	2.49	84.01								
	3rd	15:26	4.96	46.7	25.2	2.44	81.76								
	4th	15:31	4.91	47.8	24.9	2.40	79.40								
	5th	15:39	4.90	45.1	24.8	2.37	74.12						40.22		6/14
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Selfserve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): Initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
Sw-1	Initial														
	1st	10:24		stream		6/14									
Sw-2	2nd														
	3rd	10:17		stream											
Sw-3	4th														
	5th	10:13		stream											
	Sampling														
Sw-4	Initial														
	1st	10:04		stream											
Sw-5	2nd														
	3rd	10:09		stream											
Sw-6	4th														
	5th	12:07		Retention pond											
	Sampling														
WSw-3	Initial														
	1st	15:20		Sprinkler system				DUP							
WSw-5	2nd														
	3rd	Armed Access													
	4th														
WSw-6	5th	Armed Access													
	Sampling														
Dup-1	Initial														
	1st	10:59		TER-6											
Dup-2	2nd														
	3rd	11:30		MW-7											
Dup-3	4th														
	5th	13:07		MW-2											
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data

Field Personnel: SS_HS

Sampling Date(s): 6/14/21

Sampling Case#: 2

Job Name: HQ Heath Self Serve 2

Job Number: 21-7607

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
WSW-dup	Initial	15:20	WSW-3												
WSW-FB	1st														
FB-1	2nd	15:23		6/15											
FB-2	3rd														
	4th	16:11	6/14												
	5th	14:30	6/15												
	Sampling														
TB-1	Initial	8:00	6/14												
	1st														
WSW-TB	2nd														
	3rd	8:00	6/15												
TB-2	4th														
	5th	8:00	6/15												
	Sampling														
[redacted]	Initial														
	1st														
[redacted]	2nd														
	3rd														
	4th														
	5th														
	Sampling														
	Initial														
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = Water Height

One Well Volume =x.047 for 1" wells * x .163 for 2" wells, or * x .66 for 4" wells, 1.469 for 6" wells

**= One Well Volume x 5 = Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	12G102878	201301183
Case #2	15E101481	14H103098	201301174
Case #3	10K 101895	08B101407	201510251

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 23, 2021

Mr. Bryan Shane
Midlands Environmental
PO Box 854
Lexington, SC 29071

RE: Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Dear Mr. Shane:

Enclosed are the analytical results for sample(s) received by the laboratory on June 16, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lindsey N Wooten
lindsey.wooten@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Mr. Jeff Coleman, Midlands Environmental
Mr. Kyle Pudney, Midlands Environmental

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92544803001	MW-1R	Water	06/15/21 14:19	06/16/21 13:23
92544803002	MW-2	Water	06/15/21 13:07	06/16/21 13:23
92544803003	MW-3	Water	06/15/21 14:28	06/16/21 13:23
92544803004	MW-4R	Water	06/15/21 13:42	06/16/21 13:23
92544803005	MW-4D	Water	06/15/21 13:37	06/16/21 13:23
92544803006	MW-5i	Water	06/15/21 13:36	06/16/21 13:23
92544803007	MW-6	Water	06/15/21 13:04	06/16/21 13:23
92544803008	MW-7	Water	06/15/21 11:30	06/16/21 13:23
92544803009	MW-8	Water	06/15/21 12:01	06/16/21 13:23
92544803010	MW-11R	Water	06/14/21 14:01	06/16/21 13:23
92544803011	MW-12	Water	06/15/21 14:24	06/16/21 13:23
92544803012	MW-13	Water	06/15/21 12:50	06/16/21 13:23
92544803013	MW-14	Water	06/14/21 12:34	06/16/21 13:23
92544803014	MW-15	Water	06/14/21 12:53	06/16/21 13:23
92544803015	MW-16	Water	06/14/21 13:25	06/16/21 13:23
92544803016	MW-16i	Water	06/14/21 13:56	06/16/21 13:23
92544803017	MW-16D	Water	06/14/21 13:51	06/16/21 13:23
92544803018	MW-17R	Water	06/14/21 12:40	06/16/21 13:23
92544803019	MW-18	Water	06/14/21 12:46	06/16/21 13:23
92544803020	MW-19	Water	06/15/21 15:02	06/16/21 13:23
92544803021	MW-20	Water	06/14/21 11:32	06/16/21 13:23
92544803022	MW-22	Water	06/14/21 11:02	06/16/21 13:23
92544803023	MW-23	Water	06/14/21 10:49	06/16/21 13:23
92544803024	MW-25	Water	06/14/21 12:24	06/16/21 13:23
92544803025	MW-26	Water	06/14/21 11:36	06/16/21 13:23
92544803026	MW-27	Water	06/15/21 10:17	06/16/21 13:23
92544803027	MW-28	Water	06/14/21 11:23	06/16/21 13:23
92544803028	MW-29	Water	06/14/21 14:26	06/16/21 13:23
92544803029	MW-29i	Water	06/14/21 14:56	06/16/21 13:23
92544803030	MW-29D	Water	06/14/21 15:01	06/16/21 13:23
92544803031	MW-30	Water	06/14/21 14:21	06/16/21 13:23
92544803032	MW-31	Water	06/14/21 12:56	06/16/21 13:23
92544803033	MW-32	Water	06/14/21 13:07	06/16/21 13:23
92544803034	MW-33	Water	06/14/21 14:13	06/16/21 13:23
92544803035	MW-34	Water	06/15/21 10:34	06/16/21 13:23
92544803036	MW-35	Water	06/15/21 11:05	06/16/21 13:23
92544803037	TFR-1	Water	06/15/21 14:15	06/16/21 13:23

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92544803038	TFR-2	Water	06/15/21 14:16	06/16/21 13:23
92544803039	TFR-3	Water	06/15/21 12:14	06/16/21 13:23
92544803040	TFR-4	Water	06/15/21 11:39	06/16/21 13:23
92544803041	TFR-6	Water	06/15/21 10:59	06/16/21 13:23
92544803042	TFR-9	Water	06/15/21 11:04	06/16/21 13:23
92544803043	TFR-10	Water	06/14/21 16:09	06/16/21 13:23
92544803044	TFR-11	Water	06/14/21 15:44	06/16/21 13:23
92544803045	TFR-12	Water	06/14/21 15:39	06/16/21 13:23
92544803046	SW-1	Water	06/14/21 10:24	06/16/21 13:23
92544803047	SW-2	Water	06/14/21 10:17	06/16/21 13:23
92544803048	SW-3	Water	06/14/21 10:13	06/16/21 13:23
92544803049	SW-4	Water	06/14/21 10:04	06/16/21 13:23
92544803050	SW-5	Water	06/14/21 10:09	06/16/21 13:23
92544803051	SW-6	Water	06/14/21 12:07	06/16/21 13:23
92544803052	DUP-1	Water	06/15/21 10:59	06/16/21 13:23
92544803053	DUP-2	Water	06/15/21 11:30	06/16/21 13:23
92544803054	DUP-3	Water	06/15/21 13:07	06/16/21 13:23
92544803055	FB-1	Water	06/14/21 16:11	06/16/21 13:23
92544803056	FB-2	Water	06/15/21 14:30	06/16/21 13:23
92544803057	TB-1	Water	06/14/21 08:00	06/16/21 13:23
92544803058	TB-2	Water	06/15/21 08:00	06/16/21 13:23
92544803059	MW-13i	Water	06/15/21 12:46	06/16/21 13:23
92544803060	MW-13D	Water	06/15/21 12:46	06/16/21 13:23

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92544803001	MW-1R	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803002	MW-2	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803003	MW-3	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803004	MW-4R	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803005	MW-4D	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803006	MW-5i	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	20	PASI-C
92544803007	MW-6	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803008	MW-7	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803009	MW-8	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803010	MW-11R	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803011	MW-12	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803012	MW-13	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803013	MW-14	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803014	MW-15	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803015	MW-16	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803016	MW-16i	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	20	PASI-C
92544803017	MW-16D	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803018	MW-17R	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803019	MW-18	EPA 8011	HH	2	PASI-C

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92544803020	MW-19	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803021	MW-20	EPA 8260D	CL	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803022	MW-22	EPA 8260D	CL	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803023	MW-23	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803024	MW-25	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803025	MW-26	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803026	MW-27	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803027	MW-28	EPA 8260D	CL	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803028	MW-29	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803029	MW-29i	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803030	MW-29D	EPA 8260D	CL	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803031	MW-30	EPA 8260D	CL	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803032	MW-31	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803033	MW-32	EPA 8260D	CL	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803034	MW-33	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803035	MW-34	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803036	MW-35	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C
92544803037	TFR-1	EPA 8260D	BSH	20	PASI-C
		EPA 8011	HH	2	PASI-C

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92544803038	TFR-2	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803039	TFR-3	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803040	TFR-4	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803041	TFR-6	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803042	TFR-9	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	20	PASI-C
92544803043	TFR-10	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803044	TFR-11	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803045	TFR-12	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803046	SW-1	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	20	PASI-C
92544803047	SW-2	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	20	PASI-C
92544803048	SW-3	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	20	PASI-C
92544803049	SW-4	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	20	PASI-C
92544803050	SW-5	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	20	PASI-C
92544803051	SW-6	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	20	PASI-C
92544803052	DUP-1	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803053	DUP-2	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803054	DUP-3	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803055	FB-1	EPA 8011	HH	2	PASI-C
		EPA 8260D	BSH	20	PASI-C
92544803056	FB-2	EPA 8011	HH	2	PASI-C

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260D	BSH	20	PASI-C
92544803057	TB-1	EPA 8260D	BSH	20	PASI-C
92544803058	TB-2	EPA 8260D	BSH	20	PASI-C
92544803059	MW-13i	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	11	PASI-C
92544803060	MW-13D	EPA 8011	HH	2	PASI-C
		EPA 8260D	CL	11	PASI-C

PASI-C = Pace Analytical Services - Charlotte

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-1R **Lab ID: 92544803001** Collected: 06/15/21 14:19 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.82**	ug/L	0.020	0.0096	1	06/18/21 14:43	06/18/21 17:01	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	83	%	60-140		1	06/18/21 14:43	06/18/21 17:01	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	12500	8200	125		06/18/21 03:27	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1250	380	125		06/18/21 03:27	994-05-8	
Benzene	**831**	ug/L	625	218	125		06/18/21 03:27	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	12500	6740	125		06/18/21 03:27	624-95-3	
tert-Butyl Alcohol	ND	ug/L	12500	11400	125		06/18/21 03:27	75-65-0	
tert-Butyl Formate	ND	ug/L	6250	3010	125		06/18/21 03:27	762-75-4	
1,2-Dichloroethane	ND	ug/L	625	258	125		06/18/21 03:27	107-06-2	
Diisopropyl ether	ND	ug/L	625	436	125		06/18/21 03:27	108-20-3	
Ethanol	ND	ug/L	25000	18000	125		06/18/21 03:27	64-17-5	
Ethylbenzene	**3720**	ug/L	625	230	125		06/18/21 03:27	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1250	1060	125		06/18/21 03:27	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	625	388	125		06/18/21 03:27	1634-04-4	
Naphthalene	**618J**	ug/L	625	261	125		06/18/21 03:27	91-20-3	
Toluene	**17800**	ug/L	625	251	125		06/18/21 03:27	108-88-3	
Xylene (Total)	**21900**	ug/L	625	625	125		06/18/21 03:27	1330-20-7	
m&p-Xylene	**15000**	ug/L	1250	514	125		06/18/21 03:27	179601-23-1	
o-Xylene	**6890**	ug/L	625	255	125		06/18/21 03:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		125		06/18/21 03:27	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		125		06/18/21 03:27	17060-07-0	
Toluene-d8 (S)	103	%	70-130		125		06/18/21 03:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-2 **Lab ID: 92544803002** Collected: 06/15/21 13:07 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 17:47	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	96	%	60-140		1	06/18/21 14:43	06/18/21 17:47	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**171**	ug/L	100	65.6	1		06/17/21 20:48	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 20:48	994-05-8	
Benzene	**47.8**	ug/L	5.0	1.7	1		06/17/21 20:48	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 20:48	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 20:48	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 20:48	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 20:48	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 20:48	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 20:48	64-17-5	
Ethylbenzene	**4.4J**	ug/L	5.0	1.8	1		06/17/21 20:48	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 20:48	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 20:48	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 20:48	91-20-3	
Toluene	**63.9**	ug/L	5.0	2.0	1		06/17/21 20:48	108-88-3	
Xylene (Total)	**8.4**	ug/L	5.0	5.0	1		06/17/21 20:48	1330-20-7	
m&p-Xylene	**8.4J**	ug/L	10.0	4.1	1		06/17/21 20:48	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 20:48	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/17/21 20:48	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		06/17/21 20:48	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		06/17/21 20:48	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-3 **Lab ID: 92544803003** Collected: 06/15/21 14:28 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0096	1	06/18/21 14:43	06/18/21 18:18	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	90	%	60-140		1	06/18/21 14:43	06/18/21 18:18	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 21:06	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 21:06	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 21:06	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 21:06	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 21:06	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 21:06	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 21:06	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 21:06	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 21:06	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 21:06	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 21:06	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 21:06	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 21:06	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 21:06	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 21:06	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 21:06	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 21:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		06/17/21 21:06	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		06/17/21 21:06	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 21:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-4R **Lab ID: 92544803004** Collected: 06/15/21 13:42 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**3.6**	ug/L	0.097	0.048	5	06/18/21 14:43	06/22/21 09:01	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	103	%	60-140		5	06/18/21 14:43	06/22/21 09:01	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	10000	6560	100		06/19/21 07:22	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1000	304	100		06/19/21 07:22	994-05-8	
Benzene	**573**	ug/L	500	174	100		06/19/21 07:22	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	10000	5390	100		06/19/21 07:22	624-95-3	
tert-Butyl Alcohol	ND	ug/L	10000	9100	100		06/19/21 07:22	75-65-0	
tert-Butyl Formate	ND	ug/L	5000	2410	100		06/19/21 07:22	762-75-4	
1,2-Dichloroethane	ND	ug/L	500	206	100		06/19/21 07:22	107-06-2	
Diisopropyl ether	ND	ug/L	500	349	100		06/19/21 07:22	108-20-3	
Ethanol	ND	ug/L	20000	14400	100		06/19/21 07:22	64-17-5	
Ethylbenzene	**2180**	ug/L	500	184	100		06/19/21 07:22	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1000	846	100		06/19/21 07:22	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	500	310	100		06/19/21 07:22	1634-04-4	
Naphthalene	**253J**	ug/L	500	209	100		06/19/21 07:22	91-20-3	
Toluene	**13300**	ug/L	500	201	100		06/19/21 07:22	108-88-3	
Xylene (Total)	**11700**	ug/L	500	500	100		06/19/21 07:22	1330-20-7	
m&p-Xylene	**8160**	ug/L	1000	411	100		06/19/21 07:22	179601-23-1	
o-Xylene	**3510**	ug/L	500	204	100		06/19/21 07:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		100		06/19/21 07:22	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		100		06/19/21 07:22	17060-07-0	
Toluene-d8 (S)	103	%	70-130		100		06/19/21 07:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-4D **Lab ID: 92544803005** Collected: 06/15/21 13:37 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0099	1	06/18/21 14:43	06/18/21 18:49	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	88	%	60-140		1	06/18/21 14:43	06/18/21 18:49	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 21:24	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 21:24	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 21:24	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 21:24	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 21:24	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 21:24	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 21:24	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 21:24	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 21:24	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 21:24	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 21:24	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 21:24	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 21:24	91-20-3	
Toluene	**3.0J**	ug/L	5.0	2.0	1		06/17/21 21:24	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 21:24	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 21:24	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 21:24	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/17/21 21:24	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		1		06/17/21 21:24	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/17/21 21:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-5i **Lab ID: 92544803006** Collected: 06/15/21 13:36 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0096	1	06/18/21 14:43	06/18/21 19:04	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	85	%	60-140		1	06/18/21 14:43	06/18/21 19:04	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 15:34	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 15:34	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 15:34	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 15:34	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 15:34	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 15:34	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 15:34	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 15:34	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 15:34	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 15:34	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 15:34	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 15:34	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 15:34	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 15:34	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 15:34	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 15:34	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 15:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/17/21 15:34	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		06/17/21 15:34	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/17/21 15:34	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-6 **Lab ID: 92544803007** Collected: 06/15/21 13:04 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0096	1	06/18/21 14:43	06/18/21 19:19	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	84	%	60-140		1	06/18/21 14:43	06/18/21 19:19	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 21:42	75-85-4	R1
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 21:42	994-05-8	R1
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 21:42	71-43-2	R1
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 21:42	624-95-3	R1
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 21:42	75-65-0	R1
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 21:42	762-75-4	P5
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 21:42	107-06-2	R1
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 21:42	108-20-3	R1
Ethanol	ND	ug/L	200	144	1		06/17/21 21:42	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 21:42	100-41-4	R1
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 21:42	637-92-3	R1
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 21:42	1634-04-4	R1
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 21:42	91-20-3	R1
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 21:42	108-88-3	R1
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 21:42	1330-20-7	RS
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 21:42	179601-23-1	R1
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 21:42	95-47-6	R1
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/17/21 21:42	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		06/17/21 21:42	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/17/21 21:42	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-7 **Lab ID: 92544803008** Collected: 06/15/21 11:30 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**47.2**	ug/L	0.99	0.48	50	06/18/21 14:43	06/22/21 09:17	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		50	06/18/21 14:43	06/22/21 09:17	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	20000	13100	200		06/18/21 04:21	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	608	200		06/18/21 04:21	994-05-8	
Benzene	**4540**	ug/L	1000	348	200		06/18/21 04:21	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10800	200		06/18/21 04:21	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	18200	200		06/18/21 04:21	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	4820	200		06/18/21 04:21	762-75-4	
1,2-Dichloroethane	ND	ug/L	1000	412	200		06/18/21 04:21	107-06-2	
Diisopropyl ether	ND	ug/L	1000	698	200		06/18/21 04:21	108-20-3	
Ethanol	ND	ug/L	40000	28800	200		06/18/21 04:21	64-17-5	
Ethylbenzene	**1930**	ug/L	1000	368	200		06/18/21 04:21	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2000	1690	200		06/18/21 04:21	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1000	620	200		06/18/21 04:21	1634-04-4	
Naphthalene	**618J**	ug/L	1000	418	200		06/18/21 04:21	91-20-3	
Toluene	**24100**	ug/L	1000	402	200		06/18/21 04:21	108-88-3	
Xylene (Total)	**16700**	ug/L	1000	1000	200		06/18/21 04:21	1330-20-7	
m&p-Xylene	**10900**	ug/L	2000	822	200		06/18/21 04:21	179601-23-1	
o-Xylene	**5770**	ug/L	1000	408	200		06/18/21 04:21	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		200		06/18/21 04:21	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		200		06/18/21 04:21	17060-07-0	
Toluene-d8 (S)	102	%	70-130		200		06/18/21 04:21	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-8 **Lab ID: 92544803009** Collected: 06/15/21 12:01 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**8.9**	ug/L	0.19	0.095	10	06/18/21 14:43	06/22/21 09:32	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		10	06/18/21 14:43	06/22/21 09:32	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	10000	6560	100		06/19/21 07:40	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1000	304	100		06/19/21 07:40	994-05-8	
Benzene	**1390**	ug/L	500	174	100		06/19/21 07:40	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	10000	5390	100		06/19/21 07:40	624-95-3	
tert-Butyl Alcohol	ND	ug/L	10000	9100	100		06/19/21 07:40	75-65-0	
tert-Butyl Formate	ND	ug/L	5000	2410	100		06/19/21 07:40	762-75-4	
1,2-Dichloroethane	ND	ug/L	500	206	100		06/19/21 07:40	107-06-2	
Diisopropyl ether	ND	ug/L	500	349	100		06/19/21 07:40	108-20-3	
Ethanol	ND	ug/L	20000	14400	100		06/19/21 07:40	64-17-5	
Ethylbenzene	**3060**	ug/L	500	184	100		06/19/21 07:40	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1000	846	100		06/19/21 07:40	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	500	310	100		06/19/21 07:40	1634-04-4	
Naphthalene	**737**	ug/L	500	209	100		06/19/21 07:40	91-20-3	
Toluene	**16700**	ug/L	500	201	100		06/19/21 07:40	108-88-3	
Xylene (Total)	**19300**	ug/L	500	500	100		06/19/21 07:40	1330-20-7	
m&p-Xylene	**13000**	ug/L	1000	411	100		06/19/21 07:40	179601-23-1	
o-Xylene	**6260**	ug/L	500	204	100		06/19/21 07:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		100		06/19/21 07:40	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		100		06/19/21 07:40	17060-07-0	
Toluene-d8 (S)	103	%	70-130		100		06/19/21 07:40	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-11R **Lab ID: 92544803010** Collected: 06/14/21 14:01 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0099	1	06/18/21 14:43	06/18/21 20:06	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	83	%	60-140		1	06/18/21 14:43	06/18/21 20:06	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 17:47	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 17:47	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 17:47	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 17:47	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 17:47	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 17:47	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 17:47	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 17:47	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 17:47	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 17:47	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 17:47	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 17:47	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 17:47	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 17:47	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 17:47	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 17:47	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 17:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/17/21 17:47	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		06/17/21 17:47	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/17/21 17:47	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-12 **Lab ID: 92544803011** Collected: 06/15/21 14:24 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.047**	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 20:21	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	95	%	60-140		1	06/18/21 14:43	06/18/21 20:21	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	4000	2620	40		06/18/21 01:02	75-85-4	
tert-Amylmethyl ether	ND	ug/L	400	122	40		06/18/21 01:02	994-05-8	
Benzene	**276**	ug/L	200	69.6	40		06/18/21 01:02	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	4000	2160	40		06/18/21 01:02	624-95-3	
tert-Butyl Alcohol	ND	ug/L	4000	3640	40		06/18/21 01:02	75-65-0	
tert-Butyl Formate	ND	ug/L	2000	964	40		06/18/21 01:02	762-75-4	
1,2-Dichloroethane	ND	ug/L	200	82.4	40		06/18/21 01:02	107-06-2	
Diisopropyl ether	ND	ug/L	200	140	40		06/18/21 01:02	108-20-3	
Ethanol	ND	ug/L	8000	5760	40		06/18/21 01:02	64-17-5	
Ethylbenzene	**2110**	ug/L	200	73.6	40		06/18/21 01:02	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	400	338	40		06/18/21 01:02	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	200	124	40		06/18/21 01:02	1634-04-4	
Naphthalene	**747**	ug/L	200	83.6	40		06/18/21 01:02	91-20-3	
Toluene	**7520**	ug/L	200	80.4	40		06/18/21 01:02	108-88-3	
Xylene (Total)	**17100**	ug/L	200	200	40		06/18/21 01:02	1330-20-7	
m&p-Xylene	**11600**	ug/L	400	164	40		06/18/21 01:02	179601-23-1	
o-Xylene	**5500**	ug/L	200	81.6	40		06/18/21 01:02	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		40		06/18/21 01:02	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		40		06/18/21 01:02	17060-07-0	
Toluene-d8 (S)	103	%	70-130		40		06/18/21 01:02	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-13 **Lab ID: 92544803012** Collected: 06/15/21 12:50 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 20:37	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	84	%	60-140		1	06/18/21 14:43	06/18/21 20:37	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 17:11	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 17:11	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 17:11	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 17:11	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 17:11	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 17:11	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 17:11	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 17:11	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 17:11	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 17:11	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 17:11	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 17:11	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 17:11	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 17:11	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 17:11	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 17:11	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 17:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/17/21 17:11	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		06/17/21 17:11	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/17/21 17:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-14 **Lab ID: 92544803013** Collected: 06/14/21 12:34 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.019	0.0095	1	06/18/21 14:43	06/18/21 20:52	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	81	%	60-140		1	06/18/21 14:43	06/18/21 20:52	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 17:29	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 17:29	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 17:29	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 17:29	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 17:29	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 17:29	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 17:29	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 17:29	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 17:29	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 17:29	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 17:29	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 17:29	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 17:29	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 17:29	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 17:29	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 17:29	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 17:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		06/17/21 17:29	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		06/17/21 17:29	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/17/21 17:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-15 **Lab ID: 92544803014** Collected: 06/14/21 12:53 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0096	1	06/18/21 14:43	06/18/21 21:08	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	91	%	60-140		1	06/18/21 14:43	06/18/21 21:08	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 18:05	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 18:05	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 18:05	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 18:05	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 18:05	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 18:05	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 18:05	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 18:05	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 18:05	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 18:05	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 18:05	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 18:05	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 18:05	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 18:05	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 18:05	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 18:05	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 18:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/17/21 18:05	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		06/17/21 18:05	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/17/21 18:05	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-16 **Lab ID: 92544803015** Collected: 06/14/21 13:25 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.019	0.0095	1	06/18/21 14:43	06/18/21 21:23	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	102	%	60-140		1	06/18/21 14:43	06/18/21 21:23	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 18:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 18:23	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 18:23	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 18:23	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 18:23	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 18:23	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 18:23	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 18:23	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 18:23	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 18:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 18:23	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 18:23	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 18:23	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 18:23	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 18:23	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 18:23	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 18:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/17/21 18:23	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		1		06/17/21 18:23	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 18:23	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-16i **Lab ID: 92544803016** Collected: 06/14/21 13:56 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 21:39	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	99	%	60-140		1	06/18/21 14:43	06/18/21 21:39	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**127**	ug/L	100	65.6	1		06/17/21 16:10	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 16:10	994-05-8	
Benzene	**2.2J**	ug/L	5.0	1.7	1		06/17/21 16:10	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 16:10	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 16:10	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 16:10	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 16:10	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 16:10	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 16:10	64-17-5	
Ethylbenzene	**2.2J**	ug/L	5.0	1.8	1		06/17/21 16:10	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 16:10	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 16:10	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 16:10	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 16:10	108-88-3	
Xylene (Total)	**15.9**	ug/L	5.0	5.0	1		06/17/21 16:10	1330-20-7	
m&p-Xylene	**15.9**	ug/L	10.0	4.1	1		06/17/21 16:10	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 16:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/17/21 16:10	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		06/17/21 16:10	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/17/21 16:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-16D **Lab ID: 92544803017** Collected: 06/14/21 13:51 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0098	1	06/18/21 14:43	06/18/21 21:54	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	105	%	60-140		1	06/18/21 14:43	06/18/21 21:54	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 18:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 18:41	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 18:41	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 18:41	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 18:41	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 18:41	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 18:41	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 18:41	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 18:41	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 18:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 18:41	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 18:41	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 18:41	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 18:41	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 18:41	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 18:41	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 18:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/17/21 18:41	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		06/17/21 18:41	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 18:41	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-17R **Lab ID: 92544803018** Collected: 06/14/21 12:40 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 22:09	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	91	%	60-140		1	06/18/21 14:43	06/18/21 22:09	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**66.1J**	ug/L	100	65.6	1		06/19/21 02:49	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/19/21 02:49	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/19/21 02:49	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/19/21 02:49	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/19/21 02:49	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/19/21 02:49	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/19/21 02:49	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/19/21 02:49	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/19/21 02:49	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/19/21 02:49	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/19/21 02:49	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/19/21 02:49	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/19/21 02:49	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/19/21 02:49	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/19/21 02:49	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/19/21 02:49	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/19/21 02:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/19/21 02:49	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		06/19/21 02:49	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/19/21 02:49	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-18 **Lab ID: 92544803019** Collected: 06/14/21 12:46 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 22:25	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	90	%	60-140		1	06/18/21 14:43	06/18/21 22:25	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 18:59	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 18:59	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 18:59	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 18:59	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 18:59	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 18:59	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 18:59	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 18:59	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 18:59	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 18:59	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 18:59	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 18:59	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 18:59	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 18:59	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 18:59	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 18:59	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 18:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		1		06/17/21 18:59	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		06/17/21 18:59	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 18:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-19 **Lab ID: 92544803020** Collected: 06/15/21 15:02 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 22:40	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	121	%	60-140		1	06/18/21 14:43	06/18/21 22:40	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**984**	ug/L	100	65.6	1		06/17/21 17:05	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 17:05	994-05-8	
Benzene	**4.7J**	ug/L	5.0	1.7	1		06/17/21 17:05	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 17:05	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 17:05	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 17:05	762-75-4	
1,2-Dichloroethane	**9.7**	ug/L	5.0	2.1	1		06/17/21 17:05	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 17:05	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 17:05	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 17:05	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 17:05	637-92-3	
Methyl-tert-butyl ether	**6.7**	ug/L	5.0	3.1	1		06/17/21 17:05	1634-04-4	
Naphthalene	**20.1**	ug/L	5.0	2.1	1		06/17/21 17:05	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 17:05	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 17:05	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 17:05	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 17:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		06/17/21 17:05	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		06/17/21 17:05	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 17:05	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-20 **Lab ID: 92544803021** Collected: 06/14/21 11:32 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 23:57	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	91	%	60-140		1	06/18/21 14:43	06/18/21 23:57	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**3140**	ug/L	100	65.6	1		06/17/21 17:23	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 17:23	994-05-8	
Benzene	**22.9**	ug/L	5.0	1.7	1		06/17/21 17:23	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 17:23	624-95-3	
tert-Butyl Alcohol	**154**	ug/L	100	91.0	1		06/17/21 17:23	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 17:23	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 17:23	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 17:23	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 17:23	64-17-5	
Ethylbenzene	**81.7**	ug/L	5.0	1.8	1		06/17/21 17:23	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 17:23	637-92-3	
Methyl-tert-butyl ether	**5.7**	ug/L	5.0	3.1	1		06/17/21 17:23	1634-04-4	
Naphthalene	**6.4**	ug/L	5.0	2.1	1		06/17/21 17:23	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 17:23	108-88-3	
Xylene (Total)	**6.5**	ug/L	5.0	5.0	1		06/17/21 17:23	1330-20-7	
m&p-Xylene	**6.5J**	ug/L	10.0	4.1	1		06/17/21 17:23	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 17:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		1		06/17/21 17:23	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		06/17/21 17:23	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/17/21 17:23	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-22 **Lab ID: 92544803022** Collected: 06/14/21 11:02 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.019	0.0095	1	06/18/21 14:43	06/19/21 00:44	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	90	%	60-140		1	06/18/21 14:43	06/19/21 00:44	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 19:18	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 19:18	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 19:18	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 19:18	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 19:18	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 19:18	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 19:18	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 19:18	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 19:18	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 19:18	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 19:18	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 19:18	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 19:18	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 19:18	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 19:18	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 19:18	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 19:18	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/17/21 19:18	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		06/17/21 19:18	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 19:18	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-23 **Lab ID: 92544803023** Collected: 06/14/21 10:49 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/19/21 01:15	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	76	%	60-140		1	06/18/21 14:43	06/19/21 01:15	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 19:36	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 19:36	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 19:36	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 19:36	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 19:36	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 19:36	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 19:36	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 19:36	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 19:36	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 19:36	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 19:36	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 19:36	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 19:36	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 19:36	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 19:36	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 19:36	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 19:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/17/21 19:36	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		06/17/21 19:36	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/17/21 19:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-25 **Lab ID: 92544803024** Collected: 06/14/21 12:24 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/19/21 01:30	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	89	%	60-140		1	06/18/21 14:43	06/19/21 01:30	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 19:54	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 19:54	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 19:54	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 19:54	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 19:54	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 19:54	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 19:54	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 19:54	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 19:54	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 19:54	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 19:54	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 19:54	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 19:54	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 19:54	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 19:54	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 19:54	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 19:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		06/17/21 19:54	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		06/17/21 19:54	17060-07-0	
Toluene-d8 (S)	105	%	70-130		1		06/17/21 19:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-26 **Lab ID: 92544803025** Collected: 06/14/21 11:36 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.010	1	06/18/21 14:43	06/19/21 01:46	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	86	%	60-140		1	06/18/21 14:43	06/19/21 01:46	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 20:12	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 20:12	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 20:12	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 20:12	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 20:12	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 20:12	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 20:12	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 20:12	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 20:12	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 20:12	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 20:12	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 20:12	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 20:12	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 20:12	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 20:12	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 20:12	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 20:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/17/21 20:12	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		06/17/21 20:12	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/17/21 20:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-27 **Lab ID: 92544803026** Collected: 06/15/21 10:17 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.019	0.0094	1	06/18/21 14:43	06/19/21 02:01	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	75	%	60-140		1	06/18/21 14:43	06/19/21 02:01	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 15:52	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 15:52	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 15:52	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 15:52	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 15:52	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 15:52	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 15:52	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 15:52	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 15:52	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 15:52	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 15:52	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 15:52	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 15:52	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 15:52	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 15:52	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 15:52	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 15:52	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/17/21 15:52	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		06/17/21 15:52	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/17/21 15:52	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-28 **Lab ID: 92544803027** Collected: 06/14/21 11:23 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/19/21 02:16	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	90	%	60-140		1	06/18/21 14:43	06/19/21 02:16	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 20:30	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 20:30	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 20:30	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 20:30	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 20:30	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 20:30	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 20:30	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 20:30	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 20:30	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 20:30	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 20:30	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 20:30	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 20:30	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 20:30	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 20:30	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 20:30	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 20:30	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		1		06/17/21 20:30	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		06/17/21 20:30	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/17/21 20:30	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-29 **Lab ID: 92544803028** Collected: 06/14/21 14:26 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**527**	ug/L	19.8	9.7	1000	06/18/21 14:43	06/22/21 09:48	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		1000	06/18/21 14:43	06/22/21 09:48	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	40000	26200	400		06/18/21 06:28	75-85-4	
tert-Amylmethyl ether	ND	ug/L	4000	1220	400		06/18/21 06:28	994-05-8	
Benzene	**16600**	ug/L	2000	696	400		06/18/21 06:28	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	40000	21600	400		06/18/21 06:28	624-95-3	
tert-Butyl Alcohol	ND	ug/L	40000	36400	400		06/18/21 06:28	75-65-0	
tert-Butyl Formate	ND	ug/L	20000	9640	400		06/18/21 06:28	762-75-4	
1,2-Dichloroethane	**945J**	ug/L	2000	824	400		06/18/21 06:28	107-06-2	
Diisopropyl ether	ND	ug/L	2000	1400	400		06/18/21 06:28	108-20-3	
Ethanol	ND	ug/L	80000	57600	400		06/18/21 06:28	64-17-5	
Ethylbenzene	**3130**	ug/L	2000	736	400		06/18/21 06:28	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	4000	3380	400		06/18/21 06:28	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	2000	1240	400		06/18/21 06:28	1634-04-4	
Naphthalene	ND	ug/L	2000	836	400		06/18/21 06:28	91-20-3	
Toluene	**39700**	ug/L	2000	804	400		06/18/21 06:28	108-88-3	
Xylene (Total)	**15800**	ug/L	2000	2000	400		06/18/21 06:28	1330-20-7	
m&p-Xylene	**11000**	ug/L	4000	1640	400		06/18/21 06:28	179601-23-1	
o-Xylene	**4850**	ug/L	2000	816	400		06/18/21 06:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	102	%	70-130		400		06/18/21 06:28	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		400		06/18/21 06:28	17060-07-0	
Toluene-d8 (S)	102	%	70-130		400		06/18/21 06:28	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-29i **Lab ID: 92544803029** Collected: 06/14/21 14:56 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.23**	ug/L	0.020	0.0098	1	06/18/21 14:43	06/19/21 02:47	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	90	%	60-140		1	06/18/21 14:43	06/19/21 02:47	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 16:28	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 16:28	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 16:28	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 16:28	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 16:28	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 16:28	762-75-4	
1,2-Dichloroethane	**2.7J**	ug/L	5.0	2.1	1		06/17/21 16:28	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 16:28	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 16:28	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 16:28	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 16:28	637-92-3	
Methyl-tert-butyl ether	**36.8**	ug/L	5.0	3.1	1		06/17/21 16:28	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 16:28	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 16:28	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 16:28	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 16:28	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 16:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/17/21 16:28	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		06/17/21 16:28	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/17/21 16:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-29D **Lab ID: 92544803030** Collected: 06/14/21 15:01 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.094**	ug/L	0.020	0.0096	1	06/18/21 14:43	06/19/21 03:03	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	94	%	60-140		1	06/18/21 14:43	06/19/21 03:03	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 16:47	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 16:47	994-05-8	
Benzene	**12.8**	ug/L	5.0	1.7	1		06/17/21 16:47	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 16:47	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 16:47	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 16:47	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 16:47	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 16:47	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 16:47	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 16:47	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 16:47	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 16:47	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 16:47	91-20-3	
Toluene	**19.4**	ug/L	5.0	2.0	1		06/17/21 16:47	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 16:47	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 16:47	179601-23-1	
o-Xylene	**2.4J**	ug/L	5.0	2.0	1		06/17/21 16:47	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/17/21 16:47	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		06/17/21 16:47	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/17/21 16:47	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-30 **Lab ID: 92544803031** Collected: 06/14/21 14:21 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**1.6**	ug/L	0.050	0.025	2.5	06/18/21 14:43	06/22/21 10:03	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	128	%	60-140		2.5	06/18/21 14:43	06/22/21 10:03	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**18100**	ug/L	10000	6560	100		06/19/21 07:58	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1000	304	100		06/19/21 07:58	994-05-8	
Benzene	**4300**	ug/L	500	174	100		06/19/21 07:58	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	10000	5390	100		06/19/21 07:58	624-95-3	
tert-Butyl Alcohol	ND	ug/L	10000	9100	100		06/19/21 07:58	75-65-0	
tert-Butyl Formate	ND	ug/L	5000	2410	100		06/19/21 07:58	762-75-4	
1,2-Dichloroethane	ND	ug/L	500	206	100		06/19/21 07:58	107-06-2	
Diisopropyl ether	ND	ug/L	500	349	100		06/19/21 07:58	108-20-3	
Ethanol	ND	ug/L	20000	14400	100		06/19/21 07:58	64-17-5	
Ethylbenzene	**1210**	ug/L	500	184	100		06/19/21 07:58	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1000	846	100		06/19/21 07:58	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	500	310	100		06/19/21 07:58	1634-04-4	
Naphthalene	**245J**	ug/L	500	209	100		06/19/21 07:58	91-20-3	
Toluene	**11600**	ug/L	500	201	100		06/19/21 07:58	108-88-3	
Xylene (Total)	**6650**	ug/L	500	500	100		06/19/21 07:58	1330-20-7	
m&p-Xylene	**4710**	ug/L	1000	411	100		06/19/21 07:58	179601-23-1	
o-Xylene	**1940**	ug/L	500	204	100		06/19/21 07:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		100		06/19/21 07:58	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		100		06/19/21 07:58	17060-07-0	
Toluene-d8 (S)	103	%	70-130		100		06/19/21 07:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-31 **Lab ID: 92544803032** Collected: 06/14/21 12:56 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0098	1	06/18/21 14:43	06/19/21 03:34	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	116	%	60-140		1	06/18/21 14:43	06/19/21 03:34	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**139**	ug/L	100	65.6	1		06/17/21 17:41	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 17:41	994-05-8	
Benzene	**1.8J**	ug/L	5.0	1.7	1		06/17/21 17:41	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 17:41	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 17:41	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 17:41	762-75-4	
1,2-Dichloroethane	**2.2J**	ug/L	5.0	2.1	1		06/17/21 17:41	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 17:41	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 17:41	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 17:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 17:41	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 17:41	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 17:41	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 17:41	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 17:41	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 17:41	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 17:41	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/17/21 17:41	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		06/17/21 17:41	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/17/21 17:41	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-32 **Lab ID: 92544803033** Collected: 06/14/21 13:07 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.16**	ug/L	0.020	0.0097	1	06/18/21 14:43	06/19/21 03:49	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	95	%	60-140		1	06/18/21 14:43	06/19/21 03:49	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**3930**	ug/L	2500	1640	25		06/19/21 05:51	75-85-4	
tert-Amylmethyl ether	ND	ug/L	250	76.0	25		06/19/21 05:51	994-05-8	
Benzene	**1500**	ug/L	125	43.5	25		06/19/21 05:51	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	2500	1350	25		06/19/21 05:51	624-95-3	
tert-Butyl Alcohol	ND	ug/L	2500	2280	25		06/19/21 05:51	75-65-0	
tert-Butyl Formate	ND	ug/L	1250	602	25		06/19/21 05:51	762-75-4	
1,2-Dichloroethane	ND	ug/L	125	51.5	25		06/19/21 05:51	107-06-2	
Diisopropyl ether	ND	ug/L	125	87.2	25		06/19/21 05:51	108-20-3	
Ethanol	ND	ug/L	5000	3600	25		06/19/21 05:51	64-17-5	
Ethylbenzene	**1600**	ug/L	125	46.0	25		06/19/21 05:51	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	250	212	25		06/19/21 05:51	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	125	77.5	25		06/19/21 05:51	1634-04-4	
Naphthalene	**278**	ug/L	125	52.2	25		06/19/21 05:51	91-20-3	
Toluene	**1650**	ug/L	125	50.2	25		06/19/21 05:51	108-88-3	
Xylene (Total)	**6050**	ug/L	125	125	25		06/19/21 05:51	1330-20-7	
m&p-Xylene	**5470**	ug/L	250	103	25		06/19/21 05:51	179601-23-1	
o-Xylene	**575**	ug/L	125	51.0	25		06/19/21 05:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		25		06/19/21 05:51	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		25		06/19/21 05:51	17060-07-0	
Toluene-d8 (S)	105	%	70-130		25		06/19/21 05:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-33 **Lab ID: 92544803034** Collected: 06/14/21 14:13 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**72.7**	ug/L	2.0	0.98	100	06/18/21 14:43	06/22/21 10:18	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		100	06/18/21 14:43	06/22/21 10:18	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	20000	13100	200		06/19/21 08:35	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	608	200		06/19/21 08:35	994-05-8	
Benzene	**4990**	ug/L	1000	348	200		06/19/21 08:35	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10800	200		06/19/21 08:35	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	18200	200		06/19/21 08:35	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	4820	200		06/19/21 08:35	762-75-4	
1,2-Dichloroethane	ND	ug/L	1000	412	200		06/19/21 08:35	107-06-2	
Diisopropyl ether	ND	ug/L	1000	698	200		06/19/21 08:35	108-20-3	
Ethanol	ND	ug/L	40000	28800	200		06/19/21 08:35	64-17-5	
Ethylbenzene	**3680**	ug/L	1000	368	200		06/19/21 08:35	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2000	1690	200		06/19/21 08:35	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1000	620	200		06/19/21 08:35	1634-04-4	
Naphthalene	**513J**	ug/L	1000	418	200		06/19/21 08:35	91-20-3	
Toluene	**26200**	ug/L	1000	402	200		06/19/21 08:35	108-88-3	
Xylene (Total)	**18800**	ug/L	1000	1000	200		06/19/21 08:35	1330-20-7	
m&p-Xylene	**13000**	ug/L	2000	822	200		06/19/21 08:35	179601-23-1	
o-Xylene	**5750**	ug/L	1000	408	200		06/19/21 08:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		200		06/19/21 08:35	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		200		06/19/21 08:35	17060-07-0	
Toluene-d8 (S)	101	%	70-130		200		06/19/21 08:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-34 **Lab ID: 92544803035** Collected: 06/15/21 10:34 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**1.7**	ug/L	0.048	0.023	2.5	06/18/21 14:43	06/22/21 10:34	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	132	%	60-140		2.5	06/18/21 14:43	06/22/21 10:34	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	10000	6560	100		06/19/21 07:04	75-85-4	
tert-Amylmethyl ether	ND	ug/L	1000	304	100		06/19/21 07:04	994-05-8	
Benzene	**1580**	ug/L	500	174	100		06/19/21 07:04	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	10000	5390	100		06/19/21 07:04	624-95-3	
tert-Butyl Alcohol	ND	ug/L	10000	9100	100		06/19/21 07:04	75-65-0	
tert-Butyl Formate	ND	ug/L	5000	2410	100		06/19/21 07:04	762-75-4	
1,2-Dichloroethane	ND	ug/L	500	206	100		06/19/21 07:04	107-06-2	
Diisopropyl ether	ND	ug/L	500	349	100		06/19/21 07:04	108-20-3	
Ethanol	ND	ug/L	20000	14400	100		06/19/21 07:04	64-17-5	
Ethylbenzene	**1510**	ug/L	500	184	100		06/19/21 07:04	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	1000	846	100		06/19/21 07:04	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	500	310	100		06/19/21 07:04	1634-04-4	
Naphthalene	**570**	ug/L	500	209	100		06/19/21 07:04	91-20-3	
Toluene	**10100**	ug/L	500	201	100		06/19/21 07:04	108-88-3	
Xylene (Total)	**16400**	ug/L	500	500	100		06/19/21 07:04	1330-20-7	
m&p-Xylene	**11200**	ug/L	1000	411	100		06/19/21 07:04	179601-23-1	
o-Xylene	**5140**	ug/L	500	204	100		06/19/21 07:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		100		06/19/21 07:04	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130		100		06/19/21 07:04	17060-07-0	
Toluene-d8 (S)	104	%	70-130		100		06/19/21 07:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-35 **Lab ID: 92544803036** Collected: 06/15/21 11:05 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**493**	ug/L	19.4	9.5	1000	06/18/21 14:43	06/22/21 10:49	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		1000	06/18/21 14:43	06/22/21 10:49	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**37700**	ug/L	25000	16400	250		06/18/21 06:10	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2500	760	250		06/18/21 06:10	994-05-8	
Benzene	**11500**	ug/L	1250	435	250		06/18/21 06:10	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	25000	13500	250		06/18/21 06:10	624-95-3	
tert-Butyl Alcohol	ND	ug/L	25000	22800	250		06/18/21 06:10	75-65-0	
tert-Butyl Formate	ND	ug/L	12500	6020	250		06/18/21 06:10	762-75-4	
1,2-Dichloroethane	ND	ug/L	1250	515	250		06/18/21 06:10	107-06-2	
Diisopropyl ether	ND	ug/L	1250	872	250		06/18/21 06:10	108-20-3	
Ethanol	ND	ug/L	50000	36000	250		06/18/21 06:10	64-17-5	
Ethylbenzene	**2240**	ug/L	1250	460	250		06/18/21 06:10	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2500	2120	250		06/18/21 06:10	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1250	775	250		06/18/21 06:10	1634-04-4	
Naphthalene	**673J**	ug/L	1250	522	250		06/18/21 06:10	91-20-3	
Toluene	**42900**	ug/L	1250	502	250		06/18/21 06:10	108-88-3	
Xylene (Total)	**20500**	ug/L	1250	1250	250		06/18/21 06:10	1330-20-7	
m&p-Xylene	**13800**	ug/L	2500	1030	250		06/18/21 06:10	179601-23-1	
o-Xylene	**6700**	ug/L	1250	510	250		06/18/21 06:10	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		250		06/18/21 06:10	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130		250		06/18/21 06:10	17060-07-0	
Toluene-d8 (S)	100	%	70-130		250		06/18/21 06:10	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TFR-1 **Lab ID: 92544803037** Collected: 06/15/21 14:15 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**5.0**	ug/L	0.20	0.098	10	06/18/21 14:43	06/22/21 11:05	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		10	06/18/21 14:43	06/22/21 11:05	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	4000	2620	40		06/19/21 06:09	75-85-4	
tert-Amylmethyl ether	ND	ug/L	400	122	40		06/19/21 06:09	994-05-8	
Benzene	**106J**	ug/L	200	69.6	40		06/19/21 06:09	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	4000	2160	40		06/19/21 06:09	624-95-3	
tert-Butyl Alcohol	ND	ug/L	4000	3640	40		06/19/21 06:09	75-65-0	
tert-Butyl Formate	ND	ug/L	2000	964	40		06/19/21 06:09	762-75-4	
1,2-Dichloroethane	ND	ug/L	200	82.4	40		06/19/21 06:09	107-06-2	
Diisopropyl ether	ND	ug/L	200	140	40		06/19/21 06:09	108-20-3	
Ethanol	ND	ug/L	8000	5760	40		06/19/21 06:09	64-17-5	
Ethylbenzene	**897**	ug/L	200	73.6	40		06/19/21 06:09	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	400	338	40		06/19/21 06:09	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	200	124	40		06/19/21 06:09	1634-04-4	
Naphthalene	**140J**	ug/L	200	83.6	40		06/19/21 06:09	91-20-3	
Toluene	**4520**	ug/L	200	80.4	40		06/19/21 06:09	108-88-3	
Xylene (Total)	**7630**	ug/L	200	200	40		06/19/21 06:09	1330-20-7	
m&p-Xylene	**4550**	ug/L	400	164	40		06/19/21 06:09	179601-23-1	
o-Xylene	**3080**	ug/L	200	81.6	40		06/19/21 06:09	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		40		06/19/21 06:09	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		40		06/19/21 06:09	17060-07-0	
Toluene-d8 (S)	102	%	70-130		40		06/19/21 06:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TFR-2 **Lab ID: 92544803038** Collected: 06/15/21 14:16 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/19/21 05:06	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	98	%	60-140		1	06/18/21 14:43	06/19/21 05:06	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	1250	820	12.5		06/19/21 05:15	75-85-4	
tert-Amylmethyl ether	ND	ug/L	125	38.0	12.5		06/19/21 05:15	994-05-8	
Benzene	**322**	ug/L	62.5	21.8	12.5		06/19/21 05:15	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	1250	674	12.5		06/19/21 05:15	624-95-3	
tert-Butyl Alcohol	ND	ug/L	1250	1140	12.5		06/19/21 05:15	75-65-0	
tert-Butyl Formate	ND	ug/L	625	301	12.5		06/19/21 05:15	762-75-4	
1,2-Dichloroethane	ND	ug/L	62.5	25.8	12.5		06/19/21 05:15	107-06-2	
Diisopropyl ether	ND	ug/L	62.5	43.6	12.5		06/19/21 05:15	108-20-3	
Ethanol	ND	ug/L	2500	1800	12.5		06/19/21 05:15	64-17-5	
Ethylbenzene	**292**	ug/L	62.5	23.0	12.5		06/19/21 05:15	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	125	106	12.5		06/19/21 05:15	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	62.5	38.8	12.5		06/19/21 05:15	1634-04-4	
Naphthalene	**77.5**	ug/L	62.5	26.1	12.5		06/19/21 05:15	91-20-3	
Toluene	**666**	ug/L	62.5	25.1	12.5		06/19/21 05:15	108-88-3	
Xylene (Total)	**4040**	ug/L	62.5	62.5	12.5		06/19/21 05:15	1330-20-7	
m&p-Xylene	**2130**	ug/L	125	51.4	12.5		06/19/21 05:15	179601-23-1	
o-Xylene	**1900**	ug/L	62.5	25.5	12.5		06/19/21 05:15	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		12.5		06/19/21 05:15	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		12.5		06/19/21 05:15	17060-07-0	
Toluene-d8 (S)	105	%	70-130		12.5		06/19/21 05:15	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TFR-3 **Lab ID: 92544803039** Collected: 06/15/21 12:14 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
	Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.38**	ug/L	0.019	0.0095	1	06/18/21 14:43	06/19/21 05:21	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	93	%	60-140		1	06/18/21 14:43	06/19/21 05:21	301-79-56	
8260 MSV	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/19/21 03:07	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/19/21 03:07	994-05-8	
Benzene	**61.4**	ug/L	5.0	1.7	1		06/19/21 03:07	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/19/21 03:07	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/19/21 03:07	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/19/21 03:07	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/19/21 03:07	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/19/21 03:07	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/19/21 03:07	64-17-5	
Ethylbenzene	**9.5**	ug/L	5.0	1.8	1		06/19/21 03:07	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/19/21 03:07	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/19/21 03:07	1634-04-4	
Naphthalene	**3.9J**	ug/L	5.0	2.1	1		06/19/21 03:07	91-20-3	
Toluene	**129**	ug/L	5.0	2.0	1		06/19/21 03:07	108-88-3	
Xylene (Total)	**184**	ug/L	5.0	5.0	1		06/19/21 03:07	1330-20-7	
m&p-Xylene	**117**	ug/L	10.0	4.1	1		06/19/21 03:07	179601-23-1	
o-Xylene	**66.9**	ug/L	5.0	2.0	1		06/19/21 03:07	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		06/19/21 03:07	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		06/19/21 03:07	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/19/21 03:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TFR-4 **Lab ID: 92544803040** Collected: 06/15/21 11:39 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**1.6**	ug/L	0.050	0.024	2.5	06/18/21 14:43	06/22/21 11:20	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	104	%	60-140		2.5	06/18/21 14:43	06/22/21 11:20	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	1250	820	12.5		06/19/21 04:56	75-85-4	
tert-Amylmethyl ether	ND	ug/L	125	38.0	12.5		06/19/21 04:56	994-05-8	
Benzene	**451**	ug/L	62.5	21.8	12.5		06/19/21 04:56	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	1250	674	12.5		06/19/21 04:56	624-95-3	
tert-Butyl Alcohol	ND	ug/L	1250	1140	12.5		06/19/21 04:56	75-65-0	
tert-Butyl Formate	ND	ug/L	625	301	12.5		06/19/21 04:56	762-75-4	
1,2-Dichloroethane	ND	ug/L	62.5	25.8	12.5		06/19/21 04:56	107-06-2	
Diisopropyl ether	ND	ug/L	62.5	43.6	12.5		06/19/21 04:56	108-20-3	
Ethanol	ND	ug/L	2500	1800	12.5		06/19/21 04:56	64-17-5	
Ethylbenzene	**78.5**	ug/L	62.5	23.0	12.5		06/19/21 04:56	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	125	106	12.5		06/19/21 04:56	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	62.5	38.8	12.5		06/19/21 04:56	1634-04-4	
Naphthalene	**72.0**	ug/L	62.5	26.1	12.5		06/19/21 04:56	91-20-3	
Toluene	**1580**	ug/L	62.5	25.1	12.5		06/19/21 04:56	108-88-3	
Xylene (Total)	**2420**	ug/L	62.5	62.5	12.5		06/19/21 04:56	1330-20-7	
m&p-Xylene	**1490**	ug/L	125	51.4	12.5		06/19/21 04:56	179601-23-1	
o-Xylene	**930**	ug/L	62.5	25.5	12.5		06/19/21 04:56	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		12.5		06/19/21 04:56	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		12.5		06/19/21 04:56	17060-07-0	
Toluene-d8 (S)	103	%	70-130		12.5		06/19/21 04:56	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TFR-6 **Lab ID: 92544803041** Collected: 06/15/21 10:59 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**13.8**	ug/L	0.49	0.24	25	06/18/21 14:43	06/22/21 11:35	106-93-4	M1
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		25	06/18/21 14:43	06/22/21 11:35	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	20000	13100	200		06/18/21 04:39	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	608	200		06/18/21 04:39	994-05-8	
Benzene	**2910**	ug/L	1000	348	200		06/18/21 04:39	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10800	200		06/18/21 04:39	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	18200	200		06/18/21 04:39	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	4820	200		06/18/21 04:39	762-75-4	
1,2-Dichloroethane	ND	ug/L	1000	412	200		06/18/21 04:39	107-06-2	
Diisopropyl ether	ND	ug/L	1000	698	200		06/18/21 04:39	108-20-3	
Ethanol	ND	ug/L	40000	28800	200		06/18/21 04:39	64-17-5	
Ethylbenzene	**2250**	ug/L	1000	368	200		06/18/21 04:39	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2000	1690	200		06/18/21 04:39	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1000	620	200		06/18/21 04:39	1634-04-4	
Naphthalene	**602J**	ug/L	1000	418	200		06/18/21 04:39	91-20-3	
Toluene	**22500**	ug/L	1000	402	200		06/18/21 04:39	108-88-3	
Xylene (Total)	**16000**	ug/L	1000	1000	200		06/18/21 04:39	1330-20-7	
m&p-Xylene	**10900**	ug/L	2000	822	200		06/18/21 04:39	179601-23-1	
o-Xylene	**5130**	ug/L	1000	408	200		06/18/21 04:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		200		06/18/21 04:39	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		200		06/18/21 04:39	17060-07-0	
Toluene-d8 (S)	101	%	70-130		200		06/18/21 04:39	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TFR-9 **Lab ID: 92544803042** Collected: 06/15/21 11:04 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**0.26**	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 17:33	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	99	%	60-140		1	06/18/21 14:43	06/18/21 17:33	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**77.9J**	ug/L	100	65.6	1		06/22/21 22:40	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/22/21 22:40	994-05-8	
Benzene	**49.9**	ug/L	5.0	1.7	1		06/22/21 22:40	71-43-2	IK
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/22/21 22:40	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/22/21 22:40	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/22/21 22:40	762-75-4	
1,2-Dichloroethane	**2.6J**	ug/L	5.0	2.1	1		06/22/21 22:40	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/22/21 22:40	108-20-3	IK
Ethanol	ND	ug/L	200	144	1		06/22/21 22:40	64-17-5	
Ethylbenzene	**9.1**	ug/L	5.0	1.8	1		06/22/21 22:40	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/22/21 22:40	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/22/21 22:40	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/22/21 22:40	91-20-3	
Toluene	**89.6**	ug/L	5.0	2.0	1		06/22/21 22:40	108-88-3	
Xylene (Total)	**65.8**	ug/L	5.0	5.0	1		06/22/21 22:40	1330-20-7	
m&p-Xylene	**44.1**	ug/L	10.0	4.1	1		06/22/21 22:40	179601-23-1	
o-Xylene	**21.6**	ug/L	5.0	2.0	1		06/22/21 22:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/22/21 22:40	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130		1		06/22/21 22:40	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/22/21 22:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TFR-10 **Lab ID: 92544803043** Collected: 06/14/21 16:09 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**5.7**	ug/L	0.20	0.097	10	06/18/21 14:43	06/22/21 11:51	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		10	06/18/21 14:43	06/22/21 11:51	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**3590J**	ug/L	5000	3280	50		06/19/21 06:27	75-85-4	
tert-Amylmethyl ether	ND	ug/L	500	152	50		06/19/21 06:27	994-05-8	
Benzene	**1840**	ug/L	250	87.0	50		06/19/21 06:27	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	5000	2700	50		06/19/21 06:27	624-95-3	
tert-Butyl Alcohol	ND	ug/L	5000	4550	50		06/19/21 06:27	75-65-0	
tert-Butyl Formate	ND	ug/L	2500	1200	50		06/19/21 06:27	762-75-4	
1,2-Dichloroethane	ND	ug/L	250	103	50		06/19/21 06:27	107-06-2	
Diisopropyl ether	ND	ug/L	250	174	50		06/19/21 06:27	108-20-3	
Ethanol	ND	ug/L	10000	7200	50		06/19/21 06:27	64-17-5	
Ethylbenzene	**419**	ug/L	250	92.0	50		06/19/21 06:27	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	500	423	50		06/19/21 06:27	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	250	155	50		06/19/21 06:27	1634-04-4	
Naphthalene	**132J**	ug/L	250	104	50		06/19/21 06:27	91-20-3	
Toluene	**6370**	ug/L	250	100	50		06/19/21 06:27	108-88-3	
Xylene (Total)	**3200**	ug/L	250	250	50		06/19/21 06:27	1330-20-7	
m&p-Xylene	**2060**	ug/L	500	206	50		06/19/21 06:27	179601-23-1	
o-Xylene	**1140**	ug/L	250	102	50		06/19/21 06:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		50		06/19/21 06:27	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		50		06/19/21 06:27	17060-07-0	
Toluene-d8 (S)	100	%	70-130		50		06/19/21 06:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TFR-11 **Lab ID: 92544803044** Collected: 06/14/21 15:44 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**410**	ug/L	19.9	9.8	1000	06/18/21 14:43	06/22/21 12:06	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		1000	06/18/21 14:43	06/22/21 12:06	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	25000	16400	250		06/18/21 05:34	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2500	760	250		06/18/21 05:34	994-05-8	
Benzene	**11100**	ug/L	1250	435	250		06/18/21 05:34	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	25000	13500	250		06/18/21 05:34	624-95-3	
tert-Butyl Alcohol	ND	ug/L	25000	22800	250		06/18/21 05:34	75-65-0	
tert-Butyl Formate	ND	ug/L	12500	6020	250		06/18/21 05:34	762-75-4	
1,2-Dichloroethane	ND	ug/L	1250	515	250		06/18/21 05:34	107-06-2	
Diisopropyl ether	ND	ug/L	1250	872	250		06/18/21 05:34	108-20-3	
Ethanol	ND	ug/L	50000	36000	250		06/18/21 05:34	64-17-5	
Ethylbenzene	**1990**	ug/L	1250	460	250		06/18/21 05:34	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2500	2120	250		06/18/21 05:34	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1250	775	250		06/18/21 05:34	1634-04-4	
Naphthalene	ND	ug/L	1250	522	250		06/18/21 05:34	91-20-3	
Toluene	**26200**	ug/L	1250	502	250		06/18/21 05:34	108-88-3	
Xylene (Total)	**12600**	ug/L	1250	1250	250		06/18/21 05:34	1330-20-7	
m&p-Xylene	**8670**	ug/L	2500	1030	250		06/18/21 05:34	179601-23-1	
o-Xylene	**3960**	ug/L	1250	510	250		06/18/21 05:34	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		250		06/18/21 05:34	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		250		06/18/21 05:34	17060-07-0	
Toluene-d8 (S)	102	%	70-130		250		06/18/21 05:34	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TFR-12 **Lab ID: 92544803045** Collected: 06/14/21 15:39 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**8.1**	ug/L	0.21	0.10	10	06/18/21 14:43	06/22/21 12:21	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		10	06/18/21 14:43	06/22/21 12:21	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**355J**	ug/L	400	262	4		06/19/21 04:38	75-85-4	
tert-Amylmethyl ether	ND	ug/L	40.0	12.2	4		06/19/21 04:38	994-05-8	
Benzene	**141**	ug/L	20.0	7.0	4		06/19/21 04:38	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	400	216	4		06/19/21 04:38	624-95-3	
tert-Butyl Alcohol	ND	ug/L	400	364	4		06/19/21 04:38	75-65-0	
tert-Butyl Formate	ND	ug/L	200	96.4	4		06/19/21 04:38	762-75-4	
1,2-Dichloroethane	ND	ug/L	20.0	8.2	4		06/19/21 04:38	107-06-2	
Diisopropyl ether	ND	ug/L	20.0	14.0	4		06/19/21 04:38	108-20-3	
Ethanol	ND	ug/L	800	576	4		06/19/21 04:38	64-17-5	
Ethylbenzene	**35.9**	ug/L	20.0	7.4	4		06/19/21 04:38	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	40.0	33.8	4		06/19/21 04:38	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	20.0	12.4	4		06/19/21 04:38	1634-04-4	
Naphthalene	**24.1**	ug/L	20.0	8.4	4		06/19/21 04:38	91-20-3	
Toluene	**517**	ug/L	20.0	8.0	4		06/19/21 04:38	108-88-3	
Xylene (Total)	**611**	ug/L	20.0	20.0	4		06/19/21 04:38	1330-20-7	
m&p-Xylene	**430**	ug/L	40.0	16.4	4		06/19/21 04:38	179601-23-1	
o-Xylene	**181**	ug/L	20.0	8.2	4		06/19/21 04:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		4		06/19/21 04:38	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		4		06/19/21 04:38	17060-07-0	
Toluene-d8 (S)	103	%	70-130		4		06/19/21 04:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: SW-1 **Lab ID: 92544803046** Collected: 06/14/21 10:24 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.010	1	06/18/21 14:43	06/18/21 18:32	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	98	%	60-140		1	06/18/21 14:43	06/18/21 18:32	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 16:03	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 16:03	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		06/17/21 16:03	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 16:03	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 16:03	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 16:03	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		06/17/21 16:03	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 16:03	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 16:03	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/17/21 16:03	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 16:03	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		06/17/21 16:03	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		06/17/21 16:03	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		06/17/21 16:03	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		06/17/21 16:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		06/17/21 16:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		06/17/21 16:03	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/17/21 16:03	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		06/17/21 16:03	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 16:03	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: SW-2 **Lab ID: 92544803047** Collected: 06/14/21 10:17 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0098	1	06/18/21 14:43	06/18/21 18:43	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	92	%	60-140		1	06/18/21 14:43	06/18/21 18:43	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 16:22	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 16:22	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		06/17/21 16:22	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 16:22	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 16:22	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 16:22	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		06/17/21 16:22	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 16:22	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 16:22	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/17/21 16:22	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 16:22	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		06/17/21 16:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		06/17/21 16:22	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		06/17/21 16:22	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		06/17/21 16:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		06/17/21 16:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		06/17/21 16:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/17/21 16:22	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130		1		06/17/21 16:22	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		06/17/21 16:22	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: SW-3 **Lab ID: 92544803048** Collected: 06/14/21 10:13 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.019	0.0095	1	06/18/21 14:43	06/18/21 18:55	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	91	%	60-140		1	06/18/21 14:43	06/18/21 18:55	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 16:40	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 16:40	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		06/17/21 16:40	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 16:40	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 16:40	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 16:40	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		06/17/21 16:40	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 16:40	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 16:40	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/17/21 16:40	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 16:40	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		06/17/21 16:40	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		06/17/21 16:40	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		06/17/21 16:40	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		06/17/21 16:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		06/17/21 16:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		06/17/21 16:40	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/17/21 16:40	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		06/17/21 16:40	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/17/21 16:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: SW-4 **Lab ID: 92544803049** Collected: 06/14/21 10:04 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0096	1	06/18/21 14:43	06/18/21 19:07	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	98	%	60-140		1	06/18/21 14:43	06/18/21 19:07	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 16:58	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 16:58	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		06/17/21 16:58	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 16:58	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 16:58	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 16:58	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		06/17/21 16:58	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 16:58	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 16:58	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/17/21 16:58	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 16:58	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		06/17/21 16:58	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		06/17/21 16:58	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		06/17/21 16:58	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		06/17/21 16:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		06/17/21 16:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		06/17/21 16:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/17/21 16:58	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		06/17/21 16:58	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		06/17/21 16:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: SW-5 **Lab ID: 92544803050** Collected: 06/14/21 10:09 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0099	1	06/18/21 14:43	06/18/21 19:19	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	96	%	60-140		1	06/18/21 14:43	06/18/21 19:19	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 17:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 17:17	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		06/17/21 17:17	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 17:17	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 17:17	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 17:17	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		06/17/21 17:17	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 17:17	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 17:17	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/17/21 17:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 17:17	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		06/17/21 17:17	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		06/17/21 17:17	91-20-3	
Toluene	**21.8**	ug/L	1.0	0.48	1		06/17/21 17:17	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		06/17/21 17:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		06/17/21 17:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		06/17/21 17:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/17/21 17:17	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130		1		06/17/21 17:17	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/17/21 17:17	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: SW-6 **Lab ID: 92544803051** Collected: 06/14/21 12:07 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0096	1	06/18/21 14:43	06/18/21 19:30	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	95	%	60-140		1	06/18/21 14:43	06/18/21 19:30	301-79-56	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 17:35	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 17:35	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		06/17/21 17:35	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 17:35	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 17:35	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 17:35	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		06/17/21 17:35	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 17:35	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 17:35	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/17/21 17:35	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 17:35	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		06/17/21 17:35	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		06/17/21 17:35	91-20-3	
Toluene	1.2	ug/L	1.0	0.48	1		06/17/21 17:35	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		06/17/21 17:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		06/17/21 17:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		06/17/21 17:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		06/17/21 17:35	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130		1		06/17/21 17:35	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 17:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: DUP-1 **Lab ID: 92544803052** Collected: 06/15/21 10:59 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**12.8**	ug/L	0.48	0.24	25	06/18/21 14:43	06/22/21 12:37	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		25	06/18/21 14:43	06/22/21 12:37	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	20000	13100	200		06/19/21 08:53	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	608	200		06/19/21 08:53	994-05-8	
Benzene	**2720**	ug/L	1000	348	200		06/19/21 08:53	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10800	200		06/19/21 08:53	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	18200	200		06/19/21 08:53	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	4820	200		06/19/21 08:53	762-75-4	
1,2-Dichloroethane	ND	ug/L	1000	412	200		06/19/21 08:53	107-06-2	
Diisopropyl ether	ND	ug/L	1000	698	200		06/19/21 08:53	108-20-3	
Ethanol	ND	ug/L	40000	28800	200		06/19/21 08:53	64-17-5	
Ethylbenzene	**2180**	ug/L	1000	368	200		06/19/21 08:53	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2000	1690	200		06/19/21 08:53	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1000	620	200		06/19/21 08:53	1634-04-4	
Naphthalene	**519J**	ug/L	1000	418	200		06/19/21 08:53	91-20-3	
Toluene	**21800**	ug/L	1000	402	200		06/19/21 08:53	108-88-3	
Xylene (Total)	**15800**	ug/L	1000	1000	200		06/19/21 08:53	1330-20-7	
m&p-Xylene	**10600**	ug/L	2000	822	200		06/19/21 08:53	179601-23-1	
o-Xylene	**5180**	ug/L	1000	408	200		06/19/21 08:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	101	%	70-130		200		06/19/21 08:53	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		200		06/19/21 08:53	17060-07-0	
Toluene-d8 (S)	103	%	70-130		200		06/19/21 08:53	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: DUP-2 **Lab ID: 92544803053** Collected: 06/15/21 11:30 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
	Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	**50.2**	ug/L	2.0	0.98	100	06/18/21 14:43	06/22/21 12:52	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	0	%	60-140		100	06/18/21 14:43	06/22/21 12:52	301-79-56	S4
8260 MSV	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	20000	13100	200		06/19/21 09:11	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	608	200		06/19/21 09:11	994-05-8	
Benzene	**4630**	ug/L	1000	348	200		06/19/21 09:11	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10800	200		06/19/21 09:11	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	18200	200		06/19/21 09:11	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	4820	200		06/19/21 09:11	762-75-4	
1,2-Dichloroethane	ND	ug/L	1000	412	200		06/19/21 09:11	107-06-2	
Diisopropyl ether	ND	ug/L	1000	698	200		06/19/21 09:11	108-20-3	
Ethanol	ND	ug/L	40000	28800	200		06/19/21 09:11	64-17-5	
Ethylbenzene	**2110**	ug/L	1000	368	200		06/19/21 09:11	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	2000	1690	200		06/19/21 09:11	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1000	620	200		06/19/21 09:11	1634-04-4	
Naphthalene	**677J**	ug/L	1000	418	200		06/19/21 09:11	91-20-3	
Toluene	**24200**	ug/L	1000	402	200		06/19/21 09:11	108-88-3	
Xylene (Total)	**16600**	ug/L	1000	1000	200		06/19/21 09:11	1330-20-7	
m&p-Xylene	**10900**	ug/L	2000	822	200		06/19/21 09:11	179601-23-1	
o-Xylene	**5760**	ug/L	1000	408	200		06/19/21 09:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		200		06/19/21 09:11	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		200		06/19/21 09:11	17060-07-0	
Toluene-d8 (S)	104	%	70-130		200		06/19/21 09:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: DUP-3 **Lab ID: 92544803054** Collected: 06/15/21 13:07 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 20:05	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	104	%	60-140		1	06/18/21 14:43	06/18/21 20:05	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	**277**	ug/L	100	65.6	1		06/19/21 03:25	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/19/21 03:25	994-05-8	
Benzene	**47.4**	ug/L	5.0	1.7	1		06/19/21 03:25	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/19/21 03:25	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/19/21 03:25	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/19/21 03:25	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/19/21 03:25	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/19/21 03:25	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/19/21 03:25	64-17-5	
Ethylbenzene	**3.6J**	ug/L	5.0	1.8	1		06/19/21 03:25	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/19/21 03:25	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/19/21 03:25	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/19/21 03:25	91-20-3	
Toluene	**60.6**	ug/L	5.0	2.0	1		06/19/21 03:25	108-88-3	
Xylene (Total)	**10.2**	ug/L	5.0	5.0	1		06/19/21 03:25	1330-20-7	
m&p-Xylene	**8.0J**	ug/L	10.0	4.1	1		06/19/21 03:25	179601-23-1	
o-Xylene	**2.2J**	ug/L	5.0	2.0	1		06/19/21 03:25	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/19/21 03:25	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		06/19/21 03:25	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/19/21 03:25	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: FB-1 **Lab ID: 92544803055** Collected: 06/14/21 16:11 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0096	1	06/18/21 14:43	06/18/21 20:17	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	99	%	60-140		1	06/18/21 14:43	06/18/21 20:17	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 16:35	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 16:35	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 16:35	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 16:35	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 16:35	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 16:35	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 16:35	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 16:35	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 16:35	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 16:35	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 16:35	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 16:35	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 16:35	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 16:35	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 16:35	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 16:35	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 16:35	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/17/21 16:35	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		06/17/21 16:35	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/17/21 16:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: FB-2 **Lab ID: 92544803056** Collected: 06/15/21 14:30 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0096	1	06/18/21 14:43	06/18/21 20:29	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	97	%	60-140		1	06/18/21 14:43	06/18/21 20:29	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 16:53	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 16:53	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 16:53	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 16:53	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 16:53	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 16:53	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 16:53	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 16:53	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 16:53	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 16:53	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 16:53	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 16:53	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 16:53	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 16:53	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 16:53	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 16:53	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 16:53	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		1		06/17/21 16:53	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		06/17/21 16:53	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/17/21 16:53	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TB-1 **Lab ID: 92544803057** Collected: 06/14/21 08:00 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 15:59	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 15:59	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 15:59	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 15:59	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 15:59	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 15:59	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 15:59	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 15:59	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 15:59	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 15:59	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 15:59	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 15:59	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 15:59	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 15:59	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 15:59	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 15:59	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 15:59	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	106	%	70-130		1		06/17/21 15:59	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130		1		06/17/21 15:59	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/17/21 15:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: TB-2 **Lab ID: 92544803058** Collected: 06/15/21 08:00 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	65.6	1		06/17/21 16:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	3.0	1		06/17/21 16:17	994-05-8	
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 16:17	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	53.9	1		06/17/21 16:17	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	91.0	1		06/17/21 16:17	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	24.1	1		06/17/21 16:17	762-75-4	
1,2-Dichloroethane	ND	ug/L	5.0	2.1	1		06/17/21 16:17	107-06-2	
Diisopropyl ether	ND	ug/L	5.0	3.5	1		06/17/21 16:17	108-20-3	
Ethanol	ND	ug/L	200	144	1		06/17/21 16:17	64-17-5	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 16:17	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	8.5	1		06/17/21 16:17	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 16:17	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 16:17	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 16:17	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 16:17	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 16:17	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 16:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	105	%	70-130		1		06/17/21 16:17	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		06/17/21 16:17	17060-07-0	
Toluene-d8 (S)	104	%	70-130		1		06/17/21 16:17	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-13i **Lab ID: 92544803059** Collected: 06/15/21 12:46 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 20:41	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	96	%	60-140		1	06/18/21 14:43	06/18/21 20:41	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 14:58	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 14:58	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 14:58	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 14:58	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 14:58	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 14:58	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 14:58	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 14:58	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		06/17/21 14:58	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		06/17/21 14:58	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/17/21 14:58	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Sample: MW-13D **Lab ID: 92544803060** Collected: 06/15/21 12:46 Received: 06/16/21 13:23 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0097	1	06/18/21 14:43	06/18/21 20:53	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	91	%	60-140		1	06/18/21 14:43	06/18/21 20:53	301-79-56	
8260 MSV	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	5.0	1.7	1		06/17/21 15:16	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1.8	1		06/17/21 15:16	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	5.0	3.1	1		06/17/21 15:16	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.1	1		06/17/21 15:16	91-20-3	
Toluene	ND	ug/L	5.0	2.0	1		06/17/21 15:16	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		06/17/21 15:16	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	4.1	1		06/17/21 15:16	179601-23-1	
o-Xylene	ND	ug/L	5.0	2.0	1		06/17/21 15:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		06/17/21 15:16	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		06/17/21 15:16	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 15:16	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

QC Batch: 627865
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544803046, 92544803047, 92544803048, 92544803049, 92544803050, 92544803051

METHOD BLANK: 3300641 Matrix: Water
Associated Lab Samples: 92544803046, 92544803047, 92544803048, 92544803049, 92544803050, 92544803051

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	0.32	06/17/21 13:56	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	51.9	06/17/21 13:56	
Benzene	ug/L	ND	1.0	0.34	06/17/21 13:56	
Diisopropyl ether	ug/L	ND	1.0	0.31	06/17/21 13:56	
Ethanol	ug/L	ND	200	72.2	06/17/21 13:56	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	06/17/21 13:56	
Ethylbenzene	ug/L	ND	1.0	0.30	06/17/21 13:56	
m&p-Xylene	ug/L	ND	2.0	0.71	06/17/21 13:56	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	06/17/21 13:56	
Naphthalene	ug/L	ND	1.0	0.64	06/17/21 13:56	
o-Xylene	ug/L	ND	1.0	0.34	06/17/21 13:56	
tert-Amyl Alcohol	ug/L	ND	100	36.4	06/17/21 13:56	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	06/17/21 13:56	
tert-Butyl Alcohol	ug/L	ND	100	26.8	06/17/21 13:56	
tert-Butyl Formate	ug/L	ND	50.0	29.4	06/17/21 13:56	
Toluene	ug/L	ND	1.0	0.48	06/17/21 13:56	
Xylene (Total)	ug/L	ND	1.0	0.34	06/17/21 13:56	
1,2-Dichloroethane-d4 (S)	%	110	70-130		06/17/21 13:56	
4-Bromofluorobenzene (S)	%	95	70-130		06/17/21 13:56	
Toluene-d8 (S)	%	101	70-130		06/17/21 13:56	

LABORATORY CONTROL SAMPLE: 3300642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	44.2	88	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	964	96	70-130	
Benzene	ug/L	50	48.4	97	70-130	
Diisopropyl ether	ug/L	50	46.5	93	70-130	
Ethanol	ug/L	2000	2030	102	70-130	
Ethyl-tert-butyl ether	ug/L	100	95.0	95	70-130	
Ethylbenzene	ug/L	50	54.8	110	70-130	
m&p-Xylene	ug/L	100	110	110	70-130	
Methyl-tert-butyl ether	ug/L	50	43.3	87	70-130	
Naphthalene	ug/L	50	50.9	102	70-130	
o-Xylene	ug/L	50	52.9	106	70-130	
tert-Amyl Alcohol	ug/L	1000	995	99	70-130	
tert-Amylmethyl ether	ug/L	100	95.1	95	70-130	
tert-Butyl Alcohol	ug/L	500	482	96	70-130	
tert-Butyl Formate	ug/L	400	342	86	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

LABORATORY CONTROL SAMPLE: 3300642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	47.9	96	70-130	
Xylene (Total)	ug/L	150	163	109	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3300643 3300644

Parameter	Units	92544144006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	80	80	82.1	81.0	103	101	70-137	1	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	1600	1600	1290	1270	81	79	39-157	2	30	
Benzene	ug/L	1.8J	80	80	82.1	84.1	100	103	70-151	2	30	
Diisopropyl ether	ug/L	ND	80	80	80.5	77.4	101	97	63-144	4	30	
Ethanol	ug/L	ND	3200	3200	4550	4490	142	140	39-176	1	30	
Ethyl-tert-butyl ether	ug/L	ND	160	160	164	154	103	96	66-137	7	30	
Ethylbenzene	ug/L	ND	80	80	92.9	90.2	116	113	66-153	3	30	
m&p-Xylene	ug/L	ND	160	160	185	180	115	113	69-152	2	30	
Methyl-tert-butyl ether	ug/L	ND	80	80	72.8	69.5	91	87	54-156	5	30	
Naphthalene	ug/L	ND	80	80	74.6	76.2	93	95	61-148	2	30	
o-Xylene	ug/L	ND	80	80	88.8	87.1	111	109	70-148	2	30	
tert-Amyl Alcohol	ug/L	ND	1600	1600	1450	1410	91	88	54-153	3	30	
tert-Amylmethyl ether	ug/L	ND	160	160	147	145	92	91	69-139	1	30	
tert-Butyl Alcohol	ug/L	ND	800	800	1060	1040	132	130	43-188	1	30	
tert-Butyl Formate	ug/L	ND	640	640	121J	ND	19	17	10-170		30	
Toluene	ug/L	ND	80	80	80.7	79.2	101	99	59-148	2	30	
Xylene (Total)	ug/L	ND	240	240	273	267	114	111	63-158	2	30	
1,2-Dichloroethane-d4 (S)	%						109	105	70-130			
4-Bromofluorobenzene (S)	%						96	93	70-130			
Toluene-d8 (S)	%						98	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

QC Batch: 627877
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544803002, 92544803003, 92544803005, 92544803007, 92544803010, 92544803012, 92544803013, 92544803014, 92544803015, 92544803017, 92544803019, 92544803022, 92544803023, 92544803024, 92544803025, 92544803027, 92544803055, 92544803056, 92544803057, 92544803058

METHOD BLANK: 3300717
Matrix: Water
Associated Lab Samples: 92544803002, 92544803003, 92544803005, 92544803007, 92544803010, 92544803012, 92544803013, 92544803014, 92544803015, 92544803017, 92544803019, 92544803022, 92544803023, 92544803024, 92544803025, 92544803027, 92544803055, 92544803056, 92544803057, 92544803058

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	06/17/21 15:22	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	06/17/21 15:22	
Benzene	ug/L	ND	5.0	1.7	06/17/21 15:22	
Diisopropyl ether	ug/L	ND	5.0	3.5	06/17/21 15:22	
Ethanol	ug/L	ND	200	144	06/17/21 15:22	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	06/17/21 15:22	
Ethylbenzene	ug/L	ND	5.0	1.8	06/17/21 15:22	
m&p-Xylene	ug/L	ND	10.0	4.1	06/17/21 15:22	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	06/17/21 15:22	
Naphthalene	ug/L	ND	5.0	2.1	06/17/21 15:22	
o-Xylene	ug/L	ND	5.0	2.0	06/17/21 15:22	
tert-Amyl Alcohol	ug/L	ND	100	65.6	06/17/21 15:22	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	06/17/21 15:22	
tert-Butyl Alcohol	ug/L	ND	100	91.0	06/17/21 15:22	
tert-Butyl Formate	ug/L	ND	50.0	24.1	06/17/21 15:22	
Toluene	ug/L	ND	5.0	2.0	06/17/21 15:22	
Xylene (Total)	ug/L	ND	5.0	5.0	06/17/21 15:22	
1,2-Dichloroethane-d4 (S)	%	98	70-130		06/17/21 15:22	
4-Bromofluorobenzene (S)	%	100	70-130		06/17/21 15:22	
Toluene-d8 (S)	%	102	70-130		06/17/21 15:22	

LABORATORY CONTROL SAMPLE: 3300718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	49.3	99	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1000	100	70-130	
Benzene	ug/L	50	48.9	98	70-130	
Diisopropyl ether	ug/L	50	50.1	100	70-130	
Ethanol	ug/L	2000	1880	94	70-130	
Ethyl-tert-butyl ether	ug/L	100	105	105	70-130	
Ethylbenzene	ug/L	50	49.4	99	70-130	
m&p-Xylene	ug/L	100	97.0	97	70-130	
Methyl-tert-butyl ether	ug/L	50	51.5	103	70-130	
Naphthalene	ug/L	50	52.6	105	70-130	
o-Xylene	ug/L	50	48.9	98	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

LABORATORY CONTROL SAMPLE: 3300718

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amyl Alcohol	ug/L	1000	1010	101	70-130	
tert-Amylmethyl ether	ug/L	100	96.3	96	70-130	
tert-Butyl Alcohol	ug/L	500	489	98	70-130	
tert-Butyl Formate	ug/L	400	430	107	70-130	
Toluene	ug/L	50	47.4	95	70-130	
Xylene (Total)	ug/L	150	146	97	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3300719 3300720

Parameter	Units	92544803007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	14.5	20.2	72	101	70-137	33	30	R1
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	309	436	77	109	39-157	34	30	R1
Benzene	ug/L	ND	20	20	15.0	21.3	75	106	70-151	34	30	R1
Diisopropyl ether	ug/L	ND	20	20	12.9	18.8	64	94	63-144	37	30	R1
Ethanol	ug/L	ND	800	800	597	810	75	101	39-176	30	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	27.3	39.4	68	98	66-137	36	30	R1
Ethylbenzene	ug/L	ND	20	20	14.3	20.4	71	102	66-153	35	30	R1
m&p-Xylene	ug/L	ND	40	40	29.5	42.0	74	105	69-152	35	30	R1
Methyl-tert-butyl ether	ug/L	ND	20	20	13.5	20.1	67	101	54-156	40	30	R1
Naphthalene	ug/L	ND	20	20	14.0	20.3	70	102	61-148	37	30	R1
o-Xylene	ug/L	ND	20	20	14.0	20.8	70	104	70-148	39	30	R1
tert-Amyl Alcohol	ug/L	ND	400	400	283	422	71	106	54-153	40	30	R1
tert-Amylmethyl ether	ug/L	ND	40	40	28.5	40.8	71	102	69-139	35	30	R1
tert-Butyl Alcohol	ug/L	ND	200	200	206	297	103	148	43-188	36	30	R1
tert-Butyl Formate	ug/L	ND	160	160	ND	ND	4	8	10-170		30	P5
Toluene	ug/L	ND	20	20	15.1	20.9	76	105	59-148	32	30	R1
Xylene (Total)	ug/L	ND	60	60	43.5	62.8	73	105	63-158	36	30	RS
1,2-Dichloroethane-d4 (S)	%						98	98	70-130			
4-Bromofluorobenzene (S)	%						99	97	70-130			
Toluene-d8 (S)	%						102	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

QC Batch: 627885
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544803001, 92544803008, 92544803011, 92544803028, 92544803036, 92544803041, 92544803044

METHOD BLANK: 3300747 Matrix: Water
Associated Lab Samples: 92544803001, 92544803008, 92544803011, 92544803028, 92544803036, 92544803041, 92544803044

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	06/18/21 00:07	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	06/18/21 00:07	
Benzene	ug/L	ND	5.0	1.7	06/18/21 00:07	
Diisopropyl ether	ug/L	ND	5.0	3.5	06/18/21 00:07	
Ethanol	ug/L	ND	200	144	06/18/21 00:07	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	06/18/21 00:07	
Ethylbenzene	ug/L	ND	5.0	1.8	06/18/21 00:07	
m&p-Xylene	ug/L	ND	10.0	4.1	06/18/21 00:07	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	06/18/21 00:07	
Naphthalene	ug/L	ND	5.0	2.1	06/18/21 00:07	
o-Xylene	ug/L	ND	5.0	2.0	06/18/21 00:07	
tert-Amyl Alcohol	ug/L	ND	100	65.6	06/18/21 00:07	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	06/18/21 00:07	
tert-Butyl Alcohol	ug/L	ND	100	91.0	06/18/21 00:07	
tert-Butyl Formate	ug/L	ND	50.0	24.1	06/18/21 00:07	
Toluene	ug/L	ND	5.0	2.0	06/18/21 00:07	
Xylene (Total)	ug/L	ND	5.0	5.0	06/18/21 00:07	
1,2-Dichloroethane-d4 (S)	%	97	70-130		06/18/21 00:07	
4-Bromofluorobenzene (S)	%	105	70-130		06/18/21 00:07	
Toluene-d8 (S)	%	104	70-130		06/18/21 00:07	

LABORATORY CONTROL SAMPLE: 3300748

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	50.2	100	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1040	104	70-130	
Benzene	ug/L	50	50.3	101	70-130	
Diisopropyl ether	ug/L	50	49.7	99	70-130	
Ethanol	ug/L	2000	1950	97	70-130	
Ethyl-tert-butyl ether	ug/L	100	106	106	70-130	
Ethylbenzene	ug/L	50	50.2	100	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	52.6	105	70-130	
Naphthalene	ug/L	50	52.8	106	70-130	
o-Xylene	ug/L	50	49.9	100	70-130	
tert-Amyl Alcohol	ug/L	1000	1090	109	70-130	
tert-Amylmethyl ether	ug/L	100	102	102	70-130	
tert-Butyl Alcohol	ug/L	500	520	104	70-130	
tert-Butyl Formate	ug/L	400	430	107	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

LABORATORY CONTROL SAMPLE: 3300748

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	49.4	99	70-130	
Xylene (Total)	ug/L	150	150	100	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3300749 3300750

Parameter	Units	92544803028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	945J	8000	8000	8440	8540	94	95	70-137	1	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	160000	160000	158000	166000	99	103	39-157	4	30	
Benzene	ug/L	16600	8000	8000	25000	25200	105	108	70-151	1	30	
Diisopropyl ether	ug/L	ND	8000	8000	7300	7420	91	93	63-144	2	30	
Ethanol	ug/L	ND	320000	320000	317000	330000	99	103	39-176	4	30	
Ethyl-tert-butyl ether	ug/L	ND	16000	16000	15400	15300	96	96	66-137	1	30	
Ethylbenzene	ug/L	3130	8000	8000	11300	11100	102	99	66-153	2	30	
m&p-Xylene	ug/L	11000	16000	16000	27200	27100	101	101	69-152	0	30	
Methyl-tert-butyl ether	ug/L	ND	8000	8000	9020	9140	103	104	54-156	1	30	
Naphthalene	ug/L	ND	8000	8000	8340	8860	98	105	61-148	6	30	
o-Xylene	ug/L	4850	8000	8000	12600	12800	97	99	70-148	1	30	
tert-Amyl Alcohol	ug/L	ND	160000	160000	181000	183000	113	115	54-153	1	30	
tert-Amylmethyl ether	ug/L	ND	16000	16000	15500	15400	97	96	69-139	1	30	
tert-Butyl Alcohol	ug/L	ND	80000	80000	79000	81500	99	102	43-188	3	30	
tert-Butyl Formate	ug/L	ND	64000	64000	63700	64900	99	101	10-170	2	30	
Toluene	ug/L	39700	8000	8000	45900	46800	78	89	59-148	2	30	
Xylene (Total)	ug/L	15800	24000	24000	39800	39900	100	101	63-158	0	30	
1,2-Dichloroethane-d4 (S)	%						99	99	70-130			
4-Bromofluorobenzene (S)	%						98	99	70-130			
Toluene-d8 (S)	%						99	98	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

QC Batch: 627892
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544803006, 92544803016, 92544803020, 92544803021, 92544803026, 92544803029, 92544803030, 92544803032, 92544803059, 92544803060

METHOD BLANK: 3300775 Matrix: Water
Associated Lab Samples: 92544803006, 92544803016, 92544803020, 92544803021, 92544803026, 92544803029, 92544803030, 92544803032, 92544803059, 92544803060

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	06/17/21 14:22	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	06/17/21 14:22	
Benzene	ug/L	ND	5.0	1.7	06/17/21 14:22	
Diisopropyl ether	ug/L	ND	5.0	3.5	06/17/21 14:22	
Ethanol	ug/L	ND	200	144	06/17/21 14:22	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	06/17/21 14:22	
Ethylbenzene	ug/L	ND	5.0	1.8	06/17/21 14:22	
m&p-Xylene	ug/L	ND	10.0	4.1	06/17/21 14:22	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	06/17/21 14:22	
Naphthalene	ug/L	ND	5.0	2.1	06/17/21 14:22	
o-Xylene	ug/L	ND	5.0	2.0	06/17/21 14:22	
tert-Amyl Alcohol	ug/L	ND	100	65.6	06/17/21 14:22	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	06/17/21 14:22	
tert-Butyl Alcohol	ug/L	ND	100	91.0	06/17/21 14:22	
tert-Butyl Formate	ug/L	ND	50.0	24.1	06/17/21 14:22	
Toluene	ug/L	ND	5.0	2.0	06/17/21 14:22	
Xylene (Total)	ug/L	ND	5.0	5.0	06/17/21 14:22	
1,2-Dichloroethane-d4 (S)	%	103	70-130		06/17/21 14:22	
4-Bromofluorobenzene (S)	%	100	70-130		06/17/21 14:22	
Toluene-d8 (S)	%	102	70-130		06/17/21 14:22	

LABORATORY CONTROL SAMPLE: 3300776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	53.0	106	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	977	98	70-130	
Benzene	ug/L	50	48.5	97	70-130	
Diisopropyl ether	ug/L	50	46.6	93	70-130	
Ethanol	ug/L	2000	1960	98	70-130	
Ethyl-tert-butyl ether	ug/L	100	99.8	100	70-130	
Ethylbenzene	ug/L	50	50.9	102	70-130	
m&p-Xylene	ug/L	100	103	103	70-130	
Methyl-tert-butyl ether	ug/L	50	48.3	97	70-130	
Naphthalene	ug/L	50	49.2	98	70-130	
o-Xylene	ug/L	50	51.2	102	70-130	
tert-Amyl Alcohol	ug/L	1000	970	97	70-130	
tert-Amylmethyl ether	ug/L	100	99.0	99	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

LABORATORY CONTROL SAMPLE: 3300776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butyl Alcohol	ug/L	500	479	96	70-130	
tert-Butyl Formate	ug/L	400	410	103	70-130	
Toluene	ug/L	50	48.1	96	70-130	
Xylene (Total)	ug/L	150	154	103	70-130	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3300777 3300778

Parameter	Units	92544803059 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	23.2	22.8	116	114	70-137	2	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	416	421	104	105	39-157	1	30	
Benzene	ug/L	ND	20	20	23.1	21.7	115	108	70-151	6	30	
Diisopropyl ether	ug/L	ND	20	20	20.8	20.1	104	101	63-144	3	30	
Ethanol	ug/L	ND	800	800	869	784	109	98	39-176	10	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	44.4	42.8	111	107	66-137	4	30	
Ethylbenzene	ug/L	ND	20	20	23.8	22.8	119	114	66-153	4	30	
m&p-Xylene	ug/L	ND	40	40	47.5	44.7	119	112	69-152	6	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.2	20.7	106	104	54-156	2	30	
Naphthalene	ug/L	ND	20	20	21.0	20.6	105	103	61-148	2	30	
o-Xylene	ug/L	ND	20	20	23.1	22.1	116	110	70-148	5	30	
tert-Amyl Alcohol	ug/L	ND	400	400	428	430	107	107	54-153	0	30	
tert-Amylmethyl ether	ug/L	ND	40	40	44.8	43.0	112	107	69-139	4	30	
tert-Butyl Alcohol	ug/L	ND	200	200	222	240	111	120	43-188	8	30	
tert-Butyl Formate	ug/L	ND	160	160	161	138	100	86	10-170	15	30	
Toluene	ug/L	ND	20	20	22.6	21.6	113	108	59-148	4	30	
Xylene (Total)	ug/L	ND	60	60	70.6	66.8	118	111	63-158	6	30	
1,2-Dichloroethane-d4 (S)	%						102	103	70-130			
4-Bromofluorobenzene (S)	%						102	100	70-130			
Toluene-d8 (S)	%						100	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

QC Batch: 628143
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544803004, 92544803009, 92544803018, 92544803031, 92544803033, 92544803034, 92544803035, 92544803037, 92544803038, 92544803039, 92544803040, 92544803043, 92544803045, 92544803052, 92544803053, 92544803054

METHOD BLANK: 3302050
Matrix: Water
Associated Lab Samples: 92544803004, 92544803009, 92544803018, 92544803031, 92544803033, 92544803034, 92544803035, 92544803037, 92544803038, 92544803039, 92544803040, 92544803043, 92544803045, 92544803052, 92544803053, 92544803054

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	06/19/21 01:55	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	06/19/21 01:55	
Benzene	ug/L	ND	5.0	1.7	06/19/21 01:55	
Diisopropyl ether	ug/L	ND	5.0	3.5	06/19/21 01:55	
Ethanol	ug/L	ND	200	144	06/19/21 01:55	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	06/19/21 01:55	
Ethylbenzene	ug/L	ND	5.0	1.8	06/19/21 01:55	
m&p-Xylene	ug/L	ND	10.0	4.1	06/19/21 01:55	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	06/19/21 01:55	
Naphthalene	ug/L	ND	5.0	2.1	06/19/21 01:55	
o-Xylene	ug/L	ND	5.0	2.0	06/19/21 01:55	
tert-Amyl Alcohol	ug/L	ND	100	65.6	06/19/21 01:55	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	06/19/21 01:55	
tert-Butyl Alcohol	ug/L	ND	100	91.0	06/19/21 01:55	
tert-Butyl Formate	ug/L	ND	50.0	24.1	06/19/21 01:55	
Toluene	ug/L	ND	5.0	2.0	06/19/21 01:55	
Xylene (Total)	ug/L	ND	5.0	5.0	06/19/21 01:55	
1,2-Dichloroethane-d4 (S)	%	97	70-130		06/19/21 01:55	
4-Bromofluorobenzene (S)	%	101	70-130		06/19/21 01:55	
Toluene-d8 (S)	%	102	70-130		06/19/21 01:55	

LABORATORY CONTROL SAMPLE: 3302051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	52.0	104	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1160	116	70-130	
Benzene	ug/L	50	52.6	105	70-130	
Diisopropyl ether	ug/L	50	52.3	105	70-130	
Ethanol	ug/L	2000	2110	105	70-130	
Ethyl-tert-butyl ether	ug/L	100	113	113	70-130	
Ethylbenzene	ug/L	50	53.7	107	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	55.6	111	70-130	
Naphthalene	ug/L	50	56.3	113	70-130	
o-Xylene	ug/L	50	51.9	104	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

LABORATORY CONTROL SAMPLE: 3302051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Amyl Alcohol	ug/L	1000	1200	120	70-130	
tert-Amylmethyl ether	ug/L	100	108	108	70-130	
tert-Butyl Alcohol	ug/L	500	582	116	70-130	
tert-Butyl Formate	ug/L	400	457	114	70-130	
Toluene	ug/L	50	51.5	103	70-130	
Xylene (Total)	ug/L	150	158	106	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3302052 3302053

Parameter	Units	92544803053 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	4000	4000	4180	4100	104	102	70-137	2	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	80000	80000	94100	90200	118	113	39-157	4	30	
Benzene	ug/L	4630	4000	4000	9240	9390	115	119	70-151	2	30	
Diisopropyl ether	ug/L	ND	4000	4000	3930	3880	98	97	63-144	1	30	
Ethanol	ug/L	ND	160000	160000	166000	172000	104	108	39-176	4	30	
Ethyl-tert-butyl ether	ug/L	ND	8000	8000	8400	8310	105	104	66-137	1	30	
Ethylbenzene	ug/L	2110	4000	4000	6550	6500	111	110	66-153	1	30	
m&p-Xylene	ug/L	10900	8000	8000	20000	19500	114	108	69-152	2	30	
Methyl-tert-butyl ether	ug/L	ND	4000	4000	4660	4630	110	110	54-156	1	30	
Naphthalene	ug/L	677J	4000	4000	5010	5210	108	113	61-148	4	30	
o-Xylene	ug/L	5760	4000	4000	10000	10100	106	109	70-148	1	30	
tert-Amyl Alcohol	ug/L	ND	80000	80000	101000	98700	113	110	54-153	3	30	
tert-Amylmethyl ether	ug/L	ND	8000	8000	8550	8610	107	108	69-139	1	30	
tert-Butyl Alcohol	ug/L	ND	40000	40000	44600	43700	107	104	43-188	2	30	
tert-Butyl Formate	ug/L	ND	32000	32000	34000	33500	106	105	10-170	1	30	
Toluene	ug/L	24200	4000	4000	27600	27400	85	80	59-148	1	30	
Xylene (Total)	ug/L	16600	12000	12000	30000	29600	111	108	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						97	99	70-130			
4-Bromofluorobenzene (S)	%						101	98	70-130			
Toluene-d8 (S)	%						101	99	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

QC Batch: 628512
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92544803042

METHOD BLANK: 3303750 Matrix: Water
Associated Lab Samples: 92544803042

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	5.0	2.1	06/22/21 22:04	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	53.9	06/22/21 22:04	
Benzene	ug/L	ND	5.0	1.7	06/22/21 22:04	IK
Diisopropyl ether	ug/L	ND	5.0	3.5	06/22/21 22:04	IK
Ethanol	ug/L	ND	200	144	06/22/21 22:04	
Ethyl-tert-butyl ether	ug/L	ND	10.0	8.5	06/22/21 22:04	
Ethylbenzene	ug/L	ND	5.0	1.8	06/22/21 22:04	
m&p-Xylene	ug/L	ND	10.0	4.1	06/22/21 22:04	
Methyl-tert-butyl ether	ug/L	ND	5.0	3.1	06/22/21 22:04	
Naphthalene	ug/L	ND	5.0	2.1	06/22/21 22:04	
o-Xylene	ug/L	ND	5.0	2.0	06/22/21 22:04	
tert-Amyl Alcohol	ug/L	ND	100	65.6	06/22/21 22:04	
tert-Amylmethyl ether	ug/L	ND	10.0	3.0	06/22/21 22:04	
tert-Butyl Alcohol	ug/L	ND	100	91.0	06/22/21 22:04	
tert-Butyl Formate	ug/L	ND	50.0	24.1	06/22/21 22:04	
Toluene	ug/L	ND	5.0	2.0	06/22/21 22:04	
Xylene (Total)	ug/L	ND	5.0	5.0	06/22/21 22:04	
1,2-Dichloroethane-d4 (S)	%	92	70-130		06/22/21 22:04	
4-Bromofluorobenzene (S)	%	98	70-130		06/22/21 22:04	
Toluene-d8 (S)	%	101	70-130		06/22/21 22:04	

LABORATORY CONTROL SAMPLE: 3303751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	44.4	89	70-130	
3,3-Dimethyl-1-Butanol	ug/L	1000	1010	101	70-130	
Benzene	ug/L	50	48.0	96	70-130	IK
Diisopropyl ether	ug/L	50	44.6	89	70-130	IK
Ethanol	ug/L	2000	2240	112	70-130	
Ethyl-tert-butyl ether	ug/L	100	94.5	94	70-130	
Ethylbenzene	ug/L	50	47.7	95	70-130	
m&p-Xylene	ug/L	100	96.3	96	70-130	
Methyl-tert-butyl ether	ug/L	50	44.8	90	70-130	
Naphthalene	ug/L	50	51.4	103	70-130	
o-Xylene	ug/L	50	48.8	98	70-130	
tert-Amyl Alcohol	ug/L	1000	952	95	70-130	
tert-Amylmethyl ether	ug/L	100	94.6	95	70-130	
tert-Butyl Alcohol	ug/L	500	488	98	70-130	
tert-Butyl Formate	ug/L	400	389	97	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

LABORATORY CONTROL SAMPLE: 3303751

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	46.5	93	70-130	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichloroethane-d4 (S)	%			87	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3303752 3303753

Parameter	Units	92545339008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	23.0	23.5	115	117	70-137	2	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	409	396	102	99	39-157	3	30	
Benzene	ug/L	ND	20	20	21.6	21.8	108	109	70-151	1	30	
Diisopropyl ether	ug/L	ND	20	20	20.0	20.4	100	102	63-144	2	30	
Ethanol	ug/L	ND	800	800	808	839	101	105	39-176	4	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	42.5	44.1	106	110	66-137	4	30	
Ethylbenzene	ug/L	ND	20	20	22.5	22.4	113	112	66-153	1	30	
m&p-Xylene	ug/L	ND	40	40	45.9	45.0	115	113	69-152	2	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	20.3	21.2	101	106	54-156	4	30	
Naphthalene	ug/L	ND	20	20	19.7	19.6	98	98	61-148	1	30	
o-Xylene	ug/L	ND	20	20	22.2	22.1	111	110	70-148	0	30	
tert-Amyl Alcohol	ug/L	ND	400	400	433	421	108	105	54-153	3	30	
tert-Amylmethyl ether	ug/L	ND	40	40	42.9	43.7	107	109	69-139	2	30	
tert-Butyl Alcohol	ug/L	ND	200	200	248	255	124	127	43-188	3	30	
tert-Butyl Formate	ug/L	ND	160	160	114	103	71	65	10-170	10	30	
Toluene	ug/L	ND	20	20	21.6	21.5	108	108	59-148	0	30	
Xylene (Total)	ug/L	ND	60	60	68.0	67.1	113	112	63-158	1	30	
1,2-Dichloroethane-d4 (S)	%						105	111	70-130			
4-Bromofluorobenzene (S)	%						105	106	70-130			
Toluene-d8 (S)	%						101	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

QC Batch: 628130
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544803001, 92544803002, 92544803003, 92544803004, 92544803005, 92544803006, 92544803007, 92544803008, 92544803009, 92544803010, 92544803011, 92544803012, 92544803013, 92544803014, 92544803015, 92544803016, 92544803017, 92544803018, 92544803019, 92544803020

METHOD BLANK: 3301916 Matrix: Water
Associated Lab Samples: 92544803001, 92544803002, 92544803003, 92544803004, 92544803005, 92544803006, 92544803007, 92544803008, 92544803009, 92544803010, 92544803011, 92544803012, 92544803013, 92544803014, 92544803015, 92544803016, 92544803017, 92544803018, 92544803019, 92544803020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.0096	06/18/21 16:14	
1-Chloro-2-bromopropane (S)	%	89	60-140		06/18/21 16:14	

LABORATORY CONTROL SAMPLE & LCSD: 3301917 3301918

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.22	0.22	88	86	60-140	1	20	
1-Chloro-2-bromopropane (S)	%				94	95	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3301919 3301920

Parameter	Units	92544803001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	0.82	0.26	0.26	1.1	1.1	115	115	60-140	0	20	
1-Chloro-2-bromopropane (S)	%						93	93	60-140			

SAMPLE DUPLICATE: 3301921

Parameter	Units	92544803002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	96	87			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

QC Batch: 628132
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544803021, 92544803022, 92544803023, 92544803024, 92544803025, 92544803026, 92544803027, 92544803028, 92544803029, 92544803030, 92544803031, 92544803032, 92544803033, 92544803034, 92544803035, 92544803036, 92544803037, 92544803038, 92544803039, 92544803040

METHOD BLANK: 3301924 Matrix: Water
Associated Lab Samples: 92544803021, 92544803022, 92544803023, 92544803024, 92544803025, 92544803026, 92544803027, 92544803028, 92544803029, 92544803030, 92544803031, 92544803032, 92544803033, 92544803034, 92544803035, 92544803036, 92544803037, 92544803038, 92544803039, 92544803040

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.0098	06/18/21 23:11	
1-Chloro-2-bromopropane (S)	%	95	60-140		06/18/21 23:11	

LABORATORY CONTROL SAMPLE & LCSD: 3301925 3301926

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.26	0.23	0.21	88	85	60-140	7	20	
1-Chloro-2-bromopropane (S)	%				96	93	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3301927 3301928

Parameter	Units	92544803021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.25	0.25	0.22	0.22	88	89	60-140	1	20	
1-Chloro-2-bromopropane (S)	%						98	100	60-140			

SAMPLE DUPLICATE: 3301929

Parameter	Units	92544803022 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	90	90			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

QC Batch: 628133
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544803041, 92544803042, 92544803043, 92544803044, 92544803045, 92544803046, 92544803047, 92544803048, 92544803049, 92544803050, 92544803051, 92544803052, 92544803053, 92544803054, 92544803055, 92544803056, 92544803059, 92544803060

METHOD BLANK: 3301931 Matrix: Water
Associated Lab Samples: 92544803041, 92544803042, 92544803043, 92544803044, 92544803045, 92544803046, 92544803047, 92544803048, 92544803049, 92544803050, 92544803051, 92544803052, 92544803053, 92544803054, 92544803055, 92544803056, 92544803059, 92544803060

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.020	0.0097	06/18/21 16:23	
1-Chloro-2-bromopropane (S)	%	97	60-140		06/18/21 16:23	

LABORATORY CONTROL SAMPLE & LCSD: 3301932 3301933

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.25	0.25	0.24	101	95	60-140	3	20	
1-Chloro-2-bromopropane (S)	%				101	95	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3301934 3301935

Parameter	Units	92544803041 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	13.8	0.24	0.24	16.8	16.9	1230	1250	60-140	0	20	M1
1-Chloro-2-bromopropane (S)	%						111	107	60-140			

SAMPLE DUPLICATE: 3301936

Parameter	Units	92544803042 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.26	0.25	3	20	
1-Chloro-2-bromopropane (S)	%	99	96			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
P5	The EPA or method required sample preservation degrades this compound, therefore acceptable recoveries may not be achieved in sample matrix spikes.
R1	RPD value was outside control limits.
RS	The RPD value in one of the constituent analytes was outside the control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92544803001	MW-1R	EPA 8011	628130	EPA 8011	628236
92544803002	MW-2	EPA 8011	628130	EPA 8011	628236
92544803003	MW-3	EPA 8011	628130	EPA 8011	628236
92544803004	MW-4R	EPA 8011	628130	EPA 8011	628236
92544803005	MW-4D	EPA 8011	628130	EPA 8011	628236
92544803006	MW-5i	EPA 8011	628130	EPA 8011	628236
92544803007	MW-6	EPA 8011	628130	EPA 8011	628236
92544803008	MW-7	EPA 8011	628130	EPA 8011	628236
92544803009	MW-8	EPA 8011	628130	EPA 8011	628236
92544803010	MW-11R	EPA 8011	628130	EPA 8011	628236
92544803011	MW-12	EPA 8011	628130	EPA 8011	628236
92544803012	MW-13	EPA 8011	628130	EPA 8011	628236
92544803013	MW-14	EPA 8011	628130	EPA 8011	628236
92544803014	MW-15	EPA 8011	628130	EPA 8011	628236
92544803015	MW-16	EPA 8011	628130	EPA 8011	628236
92544803016	MW-16i	EPA 8011	628130	EPA 8011	628236
92544803017	MW-16D	EPA 8011	628130	EPA 8011	628236
92544803018	MW-17R	EPA 8011	628130	EPA 8011	628236
92544803019	MW-18	EPA 8011	628130	EPA 8011	628236
92544803020	MW-19	EPA 8011	628130	EPA 8011	628236
92544803021	MW-20	EPA 8011	628132	EPA 8011	628237
92544803022	MW-22	EPA 8011	628132	EPA 8011	628237
92544803023	MW-23	EPA 8011	628132	EPA 8011	628237
92544803024	MW-25	EPA 8011	628132	EPA 8011	628237
92544803025	MW-26	EPA 8011	628132	EPA 8011	628237
92544803026	MW-27	EPA 8011	628132	EPA 8011	628237
92544803027	MW-28	EPA 8011	628132	EPA 8011	628237
92544803028	MW-29	EPA 8011	628132	EPA 8011	628237
92544803029	MW-29i	EPA 8011	628132	EPA 8011	628237
92544803030	MW-29D	EPA 8011	628132	EPA 8011	628237
92544803031	MW-30	EPA 8011	628132	EPA 8011	628237
92544803032	MW-31	EPA 8011	628132	EPA 8011	628237
92544803033	MW-32	EPA 8011	628132	EPA 8011	628237
92544803034	MW-33	EPA 8011	628132	EPA 8011	628237
92544803035	MW-34	EPA 8011	628132	EPA 8011	628237
92544803036	MW-35	EPA 8011	628132	EPA 8011	628237
92544803037	TFR-1	EPA 8011	628132	EPA 8011	628237
92544803038	TFR-2	EPA 8011	628132	EPA 8011	628237
92544803039	TFR-3	EPA 8011	628132	EPA 8011	628237
92544803040	TFR-4	EPA 8011	628132	EPA 8011	628237
92544803041	TFR-6	EPA 8011	628133	EPA 8011	628239
92544803042	TFR-9	EPA 8011	628133	EPA 8011	628239
92544803043	TFR-10	EPA 8011	628133	EPA 8011	628239
92544803044	TFR-11	EPA 8011	628133	EPA 8011	628239
92544803045	TFR-12	EPA 8011	628133	EPA 8011	628239
92544803046	SW-1	EPA 8011	628133	EPA 8011	628239
92544803047	SW-2	EPA 8011	628133	EPA 8011	628239
92544803048	SW-3	EPA 8011	628133	EPA 8011	628239

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92544803049	SW-4	EPA 8011	628133	EPA 8011	628239
92544803050	SW-5	EPA 8011	628133	EPA 8011	628239
92544803051	SW-6	EPA 8011	628133	EPA 8011	628239
92544803052	DUP-1	EPA 8011	628133	EPA 8011	628239
92544803053	DUP-2	EPA 8011	628133	EPA 8011	628239
92544803054	DUP-3	EPA 8011	628133	EPA 8011	628239
92544803055	FB-1	EPA 8011	628133	EPA 8011	628239
92544803056	FB-2	EPA 8011	628133	EPA 8011	628239
92544803059	MW-13i	EPA 8011	628133	EPA 8011	628239
92544803060	MW-13D	EPA 8011	628133	EPA 8011	628239
92544803046	SW-1	EPA 8260D	627865		
92544803047	SW-2	EPA 8260D	627865		
92544803048	SW-3	EPA 8260D	627865		
92544803049	SW-4	EPA 8260D	627865		
92544803050	SW-5	EPA 8260D	627865		
92544803051	SW-6	EPA 8260D	627865		
92544803001	MW-1R	EPA 8260D	627885		
92544803002	MW-2	EPA 8260D	627877		
92544803003	MW-3	EPA 8260D	627877		
92544803004	MW-4R	EPA 8260D	628143		
92544803005	MW-4D	EPA 8260D	627877		
92544803006	MW-5i	EPA 8260D	627892		
92544803007	MW-6	EPA 8260D	627877		
92544803008	MW-7	EPA 8260D	627885		
92544803009	MW-8	EPA 8260D	628143		
92544803010	MW-11R	EPA 8260D	627877		
92544803011	MW-12	EPA 8260D	627885		
92544803012	MW-13	EPA 8260D	627877		
92544803013	MW-14	EPA 8260D	627877		
92544803014	MW-15	EPA 8260D	627877		
92544803015	MW-16	EPA 8260D	627877		
92544803016	MW-16i	EPA 8260D	627892		
92544803017	MW-16D	EPA 8260D	627877		
92544803018	MW-17R	EPA 8260D	628143		
92544803019	MW-18	EPA 8260D	627877		
92544803020	MW-19	EPA 8260D	627892		
92544803021	MW-20	EPA 8260D	627892		
92544803022	MW-22	EPA 8260D	627877		
92544803023	MW-23	EPA 8260D	627877		
92544803024	MW-25	EPA 8260D	627877		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 08932 HQ HEALTH SELF SERVE 2
Pace Project No.: 92544803

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92544803025	MW-26	EPA 8260D	627877		
92544803026	MW-27	EPA 8260D	627892		
92544803027	MW-28	EPA 8260D	627877		
92544803028	MW-29	EPA 8260D	627885		
92544803029	MW-29i	EPA 8260D	627892		
92544803030	MW-29D	EPA 8260D	627892		
92544803031	MW-30	EPA 8260D	628143		
92544803032	MW-31	EPA 8260D	627892		
92544803033	MW-32	EPA 8260D	628143		
92544803034	MW-33	EPA 8260D	628143		
92544803035	MW-34	EPA 8260D	628143		
92544803036	MW-35	EPA 8260D	627885		
92544803037	TFR-1	EPA 8260D	628143		
92544803038	TFR-2	EPA 8260D	628143		
92544803039	TFR-3	EPA 8260D	628143		
92544803040	TFR-4	EPA 8260D	628143		
92544803041	TFR-6	EPA 8260D	627885		
92544803042	TFR-9	EPA 8260D	628512		
92544803043	TFR-10	EPA 8260D	628143		
92544803044	TFR-11	EPA 8260D	627885		
92544803045	TFR-12	EPA 8260D	628143		
92544803052	DUP-1	EPA 8260D	628143		
92544803053	DUP-2	EPA 8260D	628143		
92544803054	DUP-3	EPA 8260D	628143		
92544803055	FB-1	EPA 8260D	627877		
92544803056	FB-2	EPA 8260D	627877		
92544803057	TB-1	EPA 8260D	627877		
92544803058	TB-2	EPA 8260D	627877		
92544803059	MW-13i	EPA 8260D	627892		
92544803060	MW-13D	EPA 8260D	627892		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix W

92544803

ALL SHA 92544803

WO# : 92544803

Company: MECI	Billing Information:
Address: 231 Rodeo Rd	
Report To: B. Shope	Email To: JLC@meci.net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: I-Q Beam Self-serve 2	State: SC County/City: Sumter Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: us8-089326 Job-24-Dec7 Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Hunter Jolley	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 3 | 3

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Analyses: BTEX MN 1,2-DCA & EDB 8011

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
MW-1R	GW	G	6/15/21	14:19				6	odor 001
MW-2				13:07					odor 002
MW-3				14:28					no odor 003
MW-4R				13:42					slight odor 004
MW-4D				13:37					no odor 005
MW-5				13:36					no odor 006
MW-6				13:04					no odor 007
MW-7				11:30					odor 008
MW-8				12:01					no odor 009
MW-11R			6/14/21	14:01					no odor 010

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: bb

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632066

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92704
Cooler 1 Temp Upon Receipt: 35.8C
Cooler 1 Therm Corr. Factor: 0.1 oC
Cooler 1 Corrected Temp: 34.6C
Comments:

	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) MECI	6/16/21 1:23	Josh Mallas	6/16/21 1323
Relinquished by/Company: (Signature) Josh Mallas	6/16/21 1753	Pace HM	6/16/21 1753
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES NO

Page: ____ of: ____

008

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company:		Billing Information:	
Address:			
Report To:		Email To:	
Copy To:		Site Collection Info/Address:	
Customer Project Name/Number:		State: County/City:	Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #:	Compliance Monitoring? [ ] Yes [ ] No	
Collected By (print):	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:	
Collected By (signature):	Turnaround Date Required:	Immediately Packed on Ice: [ ] Yes [ ] No	
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____	

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632066

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: _____ oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- **WO# : 92544803**

PM: LNW Due Date: 06/23/21

CLIENT: 92-MIDLAND

AL

Company: MECT	Billing Information:
Address: 231 Doolet Rd	
Report To: B. Shone	Email To: JLC@Mect.net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: HQ Heath Selfserve 2	State: SC County/City: Sumter Time Zone Collected: [ ]PT [ ]MT [ ]CT [MET]
Phone: Email:	Site/Facility ID #: UST-08932 Dep 10-21-2020 Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Hunter Sloan	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature): Hunter Sloan	Turnaround Date Required: Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 3 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Lab Project Manager:

Analyses: BTEX w/ 1,2-DCA by 8260B; EDB by 8011

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns			Lab Sample # / Comments
MW-12	GW	G	6/15/21	14:24				6	X	X	Slight odor 011
MW-13				12:50							no odor 012
MW-14			6/14/21	12:34							no odor 013
MW-15				12:53							no odor 014
MW-16				13:25							no odor 015
MW-16i				13:36							no odor 016
MW-16D				13:51							no odor 017
MW-17R				12:40							no odor 018
MW-18				12:46							no odor 019
MW-19			6/15/21	15:02							no odor 020

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: b.b.

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2632065

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: T206
Cooler 1 Temp Upon Receipt: 3.5 °C
Cooler 1 Therm Corr. Factor: -0.1 °C
Cooler 1 Corrected Temp: 3.4 °C
Comments:

	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) MECT	6/16 1:27	Josh Mallas	6/16/21 1323
Relinquished by/Company: (Signature) Josh Mallas	6/16/21 1753	TO Pace HK	6/16/21 1753
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non-Conformance(s): (YES) NO

Page: ____ of: ____

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company:	Billing Information:	Container Preservative Type ** / Lab Project Manager:
Address:		
Report To:	Email To:	
Copy To:	Site Collection Info/Address:	
Customer Project Name/Number:	State: County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET	Analyses
Phone: Email:	Site/Facility ID #:	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required:	Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: bubble

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632065

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: T2 TC 44
Cooler 1 Temp Upon Receipt: 3.1 oC
Cooler 1 Therm Corr. Factor: 2.1 oC
Cooler 1 Corrected Temp: 3.4 oC
Comments:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	8/16/21 1237	Josh Mallo	8/16/21 1237
Relinquished by/Company: (Signature) Josh Mallo	8/16/21 1703	FC to CLIENT	8/16/21 1703
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix 1

92544803

ALL SH

WO# : 92544803

PM: LNW Due Date: 06/23/21

CLIENT: 92-MIDLAND

Company: MECI

Address: 231 Wooley Rd

Report To: B. Shane

Copy To:

Billing Information:

Email To: JLC@Meci.net

Site Collection Info/Address:

Customer Project Name/Number: HQ Health Self Serve 2

State: SC County/City: Sumter

Time Zone Collected: [ ]PT [ ]MT [ ]CT [X]ET

Phone:

Email:

Site/Facility ID #: 467-0893 2

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Hunter Sloan

Collected By (signature):

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____

Turnaround Date Required: Job-21-9607

Immediately Packed on Ice: [X] Yes [ ] No

Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservativ: 3 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses: BTEX MNN, 1,2 DCA, EDB 8011

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns			Lab Profile/Line:
MW-20	GW	G	6/14/21	11:32				6	X	X	Slight odor 021
MW-21											DNS
MW-22	GW	G	6/14/21	11:02				6	X	X	no odor 022
MW-23				10:40				1	1	1	no odor 023
MW-24											DNS
MW-25	GW	G	6/14/21	12:21				6	X	X	no odor 024
MW-26				11:36							no odor 025
MW-27			6/15/21	10:17							no odor 026
MW-28			6/14/21	11:23							no odor 027
MW-29				14:26							Slight odor 028

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: b.b.

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632064

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92[illegible]
Cooler 1 Temp Upon Receipt: 3.5 oC
Cooler 1 Therm Corr. Factor: 0.1 oC
Cooler 1 Corrected Temp: 3.6 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
[signature] MECI	6/16 1:23	Josh Mallas	6/16/21 1323
Josh Mallas	6/16/21 1753	To Pace Hu	6/16/21 1753

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES NO

Page: _____ of: _____

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company:		Billing Information:	
Address:			
Report To:		Email To:	
Copy To:		Site Collection Info/Address:	
Customer Project Name/Number:		State: County/City:	Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #:		Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #:		DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required:		Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)		Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2632064

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: _____ oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Table #: Acctnum: Template: Prelogin: PM: PB:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Trip Blank Received: (Y) N NA
(HCL) MeOH TSP Other

Non Conformance(s): (YES) / NO

Page: _____ of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

WO# : 92544803

PM: LNW Due Date: 06/23/21

CLIENT: 92-MIDLAND

LAB USE ONLY- Affix Workc

ALL SHADE

Company: MEET	Billing Information:
Address: 231 Dooley Rd	
Report To: B. Shaw	Email To: JLC@MEET.Net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: HQ Hearth Self-serve 2	State: SC County/City: Sumter Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Job 21-609 932
Collected By (print): Hunter Slaw	Purchase Order #: Quote #:
Collected By (signature):	Turnaround Date Required:
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

Container Preservative Type **: 3 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

Analyses: BTEX MN 1,2 -DCA, EDB 8260 ; EDB 504.1

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns			Lab Sample # / Comments
MW-29	GW	G	6/14/21	14:56				6	X	X	no odor 029
MW-29D				15:01							no odor 030
MW-30				14:21							no odor 031
MW-31				12:56							no odor 032
MW-32				13:07							Slight odor 033
MW-33				14:13							no odor 034
MW-34			6/15/21	10:34							Slight odor 035
MW-35				11:05							Slight odor 036
TFR-1				14:15							no odor 037
TFR-2				14:16							no odor 038

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: bb

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632063

Samples received via: FEDEX UPS Client Courier Race Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: 92700464
Cooler 1 Temp Upon Receipt: 3.5 °C
Cooler 1 Therm Corr. Factor: 0.1 °C
Cooler 1 Corrected Temp: 3.4 °C
Comments:

Relinquished by/Company: (Signature)	Date/Time: 6/16 1:27	Received by/Company: (Signature) Josh Mallas
Relinquished by/Company: (Signature) Josh Mallas	Date/Time: 6/16/21 1753	Received by/Company: (Signature) Pace FM
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)

Date/Time: 6/16/21 1323

Date/Time: 6/16/21 1753

Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCl MeOH TSP Other

Non Conformance(s): YES NO

Page: of:

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company:

Billing Information:

Address:

Report To:

Email To:

Copy To:

Site Collection Info/Address:

Customer Project Name/Number:

State: County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET

Phone:
Email:

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print):

Purchase Order #:
Quote #:

DW PWS ID #:
DW Location Code:

Collected By (signature):

Turnaround Date Required:

Immediately Packed on Ice: [ ] Yes [ ] No

Sample Disposal:
[ ] Dispose as appropriate [ ] Return
[ ] Archive: _____
[ ] Hold: _____

Rush:
[ ] Same Day [ ] Next Day
[ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632063

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: _____ oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT | Complete all relevent fields

WO#: 92544803

LAB USE ONLY- Affix

PM: LNW Due Date: 06/23/21

CLIENT: 92-MIDLAND

ALL SH

Company: MECT	Billing Information:
Address: 231 Dooley Rd	
Report To: B. Shane	Email To: JLC@meci.Net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: Itg Heath Solfsenz	State: TX County/City: Sumner Time Zone Collected: [ ]PT [ ]MT [ ]CT [✓]ET
Phone: Email:	Site/Facility ID #: WF-0593Z Job-21-7669
Collected By (print): Hunter Sloan	Purchase Order #: Quote #:
Collected By (signature): Hunter Sloan	Turnaround Date Required:
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)

Compliance Monitoring? [ ] Yes [ ] No

DW PWS ID #:

DW Location Code:

Immediately Packed on Ice: [✓] Yes [ ] No

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type **: 3 | 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:

Analyses: BTEXnm 1, 2-DCA 8260 | EDB 8011

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Profile/Line:
TER-3	GW	G	6/15/21	12:14				6	no odor 039
TER-4				11:39					slight odor 040
TER-6				10:59					odor 041
TER-9				11:09					no odor 042
TER-10			6/14/21	16:09					slight odor 043
TER-11				15:44					no odor 044
TER-12				15:39					slight odor 045
SW-1				10:24					LDL 046
SW-2				10:17					LDL 047
SW-3				10:13					LDL 048

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used:

Packing Material Used:

Radchem sample(s) scr

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2632062

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: T220,4
Cooler 1 Temp Upon Receipt: 3.5 °C
Cooler 1 Therm Corr. Factor: 0.1 °C
Cooler 1 Corrected Temp: 3.4 °C
Comments:

Relinquished by/Company: (Signature)	Date/Time: 6/16 1:23	Received by/Company: (Signature) Josh Mallas	
Relinquished by/Company: (Signature) Josh Mallas	Date/Time: 6/16/21 1753	Received by/Company: (Signature) Pace DM	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	

Date/Time: 6/16/23 1323

Date/Time: 6/16/21 1753

Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: of:

Page 96 of 100

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company:	Billing Information:
Address:	
Report To:	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number:	State: County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____

Container Preservative Type **

Lab Project Manager:

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Analyses

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2632062

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: 3.5 oC
Cooler 1 Therm Corr. Factor: 0.0 oC
Cooler 1 Corrected Temp: 3.5 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time: 6/16 1523	Received by/Company: (Signature) Josh Mallos	Date/Time: 6/16/23 1532
Relinquished by/Company: (Signature) Josh Mallos	Date/Time: 6/16/23 1753	Received by/Company: (Signature)	Date/Time: 6/16/23 1753
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Work

WO#: 92544803

PM: LNW Due Date: 06/23/21

CLIENT: 92-MIDLAND

ALL SH

Company: MECI	Billing Information:
Address: 231 Dodge Rd	
Report To: B. Shane	Email To: JLC@Meci.Net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: HQ Health Self serve 2	State: SC County/City: Sumter Time Zone Collected: [ ]PT [ ]MT [ ]CT [Y]ET
Phone: Email:	Site/Facility ID #: WSH-08932 Job-2-HQ-6007 Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Hunter Sloan	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [Y] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Container Preservative Type**: 3 | 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEX mtbe 1,2-DCA 8260B	Analyses: EDB 504.1	Lab Profile/Line:
SW-4	GW	G	6/14/21	10:04				6	X	X	LDL 049
SW-5	"	"	"	10:09				"	"	"	050
SW-6	"	"	"	12:07				"	"	"	051
Dup-1	"	"	6/15/21	10:59				"	"	"	color 052
Dup-2	"	"	"	11:30				"	"	"	odor 053
Dup-3	"	"	6/15/21	13:09				"	"	"	color 054
FD-1	"	"	6/14/21	16:11				"	"	"	055
FB-2	"	"	6/15/21	14:30				1	"	"	056
TB-1	"	"	6/14/21	8:20				2			No EDB 057
TB-2	"	"	6/15/21	8:00				1			NJ EDB 058

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: bb

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2632061

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: (Y) N NA
Therm ID#: 92106U4
Cooler 1 Temp Upon Receipt: 35.0 oC
Cooler 1 Therm Corr. Factor: 0.1 oC
Cooler 1 Corrected Temp: 34.9 oC
Comments:

Relinquished by/Company: (Signature)	Date/Time: 6/16 1:23	Received by/Company: (Signature) Josh Mallas	Date/Time: 6/16/21 1323
Relinquished by/Company: (Signature) Josh Mallas	Date/Time: 6/16/21 1753	Received by/Company: (Signature) Pace TM	Date/Time: 6/16/21 1753
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: (Y) N NA
(HCl) MeOH TSP Other

Non-Conformance(s): (YES) / NO

Page: of:

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company:	Billing Information:	Container Preservative Type **	Lab Project Manager:
Address:			
Report To:	Email To:		
Copy To:	Site Collection Info/Address:		
Customer Project Name/Number:	State: County/City: Time Zone Collected: [ ]PT [ ]MT [ ]CT [ ]ET	Analyses	Lab Profile/Line:
Phone: Email:	Site/Facility ID #:	Compliance Monitoring? [ ] Yes [ ] No	
Collected By (print):	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:	
Collected By (signature):	Turnaround Date Required:	Immediately Packed on Ice: [ ] Yes [ ] No	
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)	Field Filtered (if applicable): [ ] Yes [ ] No Analysis: _____	

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* Matrix Codes (insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2632061

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: _____ oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	MTJL LAB USE ONLY
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Table #: Acctnum: Template: Prelogin: PM: PB:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

Pace Analytical
www.pacelabs.com

Sample Receiving Non-Conformance Form (NCF)

Date: 6/17/21	Evaluated by: JD Pace HH
Client: MEC	

Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

	Collection date/time missing or incorrect		Analyses or analytes: missing or clarification needed	X	Samples listed on COC do not match samples received (missing, additional, etc.)
	Sample IDs on COC do not match sample labels		Required trip blanks were not received		Required signatures are missing

Comments/Details/Other Issues not listed above:
Received samples MW-13 and MW-13D (6 vials each) (DG9H) without a date/time of collection and are not mentioned on COC.

3. Sample integrity issues: check applicable issues below and add details where appropriate:

	Samples: Past holding time		Samples: Condition needs to be brought to lab personnel's attention (details below)		Preservation: Improper
	Samples: Not field filtered		Containers: Broken or compromised		Temperature: not within acceptance criteria (typically 0-6C)
	Samples: Insufficient volume received		Containers: Incorrect		Temperature: Samples arrived frozen
	Samples: Cooler damaged or compromised		Custody Seals: Missing or compromised on samples, trip blanks or coolers		Vials received with improper headspace
	Samples: contain chlorine or sulfides		Packing Material: Insufficient/Improper		Other:

Comments/Details:

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:	
PM Initials:	Date/Time:	

Client Comments/Instructions:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 23, 2021

Mr. Bryan Shane
Midlands Environmental
PO Box 854
Lexington, SC 29071

RE: Project: HQ Health Self Serve 2
Pace Project No.: 92544789

Dear Mr. Shane:

Enclosed are the analytical results for sample(s) received by the laboratory on June 16, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lindsey N Wooten
lindsey.wooten@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Mr. Jeff Coleman, Midlands Environmental
Mr. Kyle Pudney, Midlands Environmental

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92544789001	WSW-3	Water	06/15/21 15:20	06/16/21 17:53
92544789002	WSW-DUP	Water	06/15/21 15:20	06/16/21 17:53
92544789003	WSW-FB	Water	06/15/21 15:23	06/16/21 17:53
92544789004	WSW-TB	Water	06/15/21 08:00	06/16/21 17:53

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92544789001	WSW-3	EPA 504.1	HH	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	CL	11	PASI-C
92544789002	WSW-DUP	EPA 504.1	HH	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	CL	11	PASI-C
92544789003	WSW-FB	EPA 504.1	HH	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	CL	11	PASI-C
92544789004	WSW-TB	EPA 524.2	LMB	11	PASI-C
		EPA 8260D	CL	11	PASI-C

PASI-C = Pace Analytical Services - Charlotte

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

Sample: WSW-3 **Lab ID: 92544789001** Collected: 06/15/21 15:20 Received: 06/16/21 17:53 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
	Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.013	1	06/22/21 15:32	06/22/21 20:18	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	101	%	70-130		1	06/22/21 15:32	06/22/21 20:18	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
	Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.21	1		06/17/21 22:00	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.16	1		06/17/21 22:00	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.22	1		06/17/21 22:00	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.14	1		06/17/21 22:00	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.35	1		06/17/21 22:00	91-20-3	
Toluene	ND	ug/L	0.50	0.20	1		06/17/21 22:00	108-88-3	
Xylene (Total)	ND	ug/L	0.50	0.22	1		06/17/21 22:00	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.39	1		06/17/21 22:00	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.22	1		06/17/21 22:00	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	95	%	70-130		1		06/17/21 22:00	2199-69-1	
4-Bromofluorobenzene (S)	93	%	70-130		1		06/17/21 22:00	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 19:42	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 19:42	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 19:42	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 19:42	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 19:42	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 19:42	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 19:42	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 19:42	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		06/17/21 19:42	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	70-130		1		06/17/21 19:42	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 19:42	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

Sample: WSW-DUP **Lab ID: 92544789002** Collected: 06/15/21 15:20 Received: 06/16/21 17:53 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1								
	Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.013	1	06/22/21 15:32	06/22/21 20:34	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	100	%	70-130		1	06/22/21 15:32	06/22/21 20:34	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2								
	Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.21	1		06/17/21 22:26	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.16	1		06/17/21 22:26	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.22	1		06/17/21 22:26	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.14	1		06/17/21 22:26	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.35	1		06/17/21 22:26	91-20-3	
Toluene	ND	ug/L	0.50	0.20	1		06/17/21 22:26	108-88-3	
Xylene (Total)	ND	ug/L	0.50	0.22	1		06/17/21 22:26	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.39	1		06/17/21 22:26	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.22	1		06/17/21 22:26	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	96	%	70-130		1		06/17/21 22:26	2199-69-1	
4-Bromofluorobenzene (S)	89	%	70-130		1		06/17/21 22:26	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D								
	Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 22:27	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 22:27	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 22:27	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 22:27	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 22:27	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 22:27	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 22:27	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 22:27	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/17/21 22:27	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		1		06/17/21 22:27	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/17/21 22:27	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

Sample: WSW-FB **Lab ID: 92544789003** Collected: 06/15/21 15:23 Received: 06/16/21 17:53 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.013	1	06/22/21 15:32	06/22/21 20:49	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	103	%	70-130		1	06/22/21 15:32	06/22/21 20:49	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.21	1		06/17/21 16:46	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.16	1		06/17/21 16:46	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.22	1		06/17/21 16:46	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.14	1		06/17/21 16:46	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.35	1		06/17/21 16:46	91-20-3	
Toluene	ND	ug/L	0.50	0.20	1		06/17/21 16:46	108-88-3	
Xylene (Total)	ND	ug/L	0.50	0.22	1		06/17/21 16:46	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.39	1		06/17/21 16:46	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.22	1		06/17/21 16:46	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	91	%	70-130		1		06/17/21 16:46	2199-69-1	
4-Bromofluorobenzene (S)	91	%	70-130		1		06/17/21 16:46	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 21:32	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 21:32	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 21:32	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 21:32	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 21:32	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 21:32	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 21:32	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 21:32	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		1		06/17/21 21:32	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		06/17/21 21:32	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 21:32	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

Sample: WSW-TB **Lab ID: 92544789004** Collected: 06/15/21 08:00 Received: 06/16/21 17:53 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	ug/L	0.50	0.21	1		06/17/21 17:13	71-43-2	
1,2-Dichloroethane	ND	ug/L	0.50	0.16	1		06/17/21 17:13	107-06-2	
Ethylbenzene	ND	ug/L	0.50	0.22	1		06/17/21 17:13	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	0.50	0.14	1		06/17/21 17:13	1634-04-4	
Naphthalene	ND	ug/L	0.50	0.35	1		06/17/21 17:13	91-20-3	
Toluene	ND	ug/L	0.50	0.20	1		06/17/21 17:13	108-88-3	
Xylene (Total)	ND	ug/L	0.50	0.22	1		06/17/21 17:13	1330-20-7	
m&p-Xylene	ND	ug/L	1.0	0.39	1		06/17/21 17:13	179601-23-1	
o-Xylene	ND	ug/L	0.50	0.22	1		06/17/21 17:13	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	93	%	70-130		1		06/17/21 17:13	2199-69-1	
4-Bromofluorobenzene (S)	89	%	70-130		1		06/17/21 17:13	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		06/17/21 21:50	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		06/17/21 21:50	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		06/17/21 21:50	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		06/17/21 21:50	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		06/17/21 21:50	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		06/17/21 21:50	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		06/17/21 21:50	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		06/17/21 21:50	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		06/17/21 21:50	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	70-130		1		06/17/21 21:50	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		06/17/21 21:50	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

QC Batch: 627859 Analysis Method: EPA 524.2
QC Batch Method: EPA 524.2 Analysis Description: 524.2 MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544789001, 92544789002, 92544789003, 92544789004

METHOD BLANK: 3300613 Matrix: Water
Associated Lab Samples: 92544789001, 92544789002, 92544789003, 92544789004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	0.50	0.16	06/17/21 13:44	
Benzene	ug/L	ND	0.50	0.21	06/17/21 13:44	
Ethylbenzene	ug/L	ND	0.50	0.22	06/17/21 13:44	
m&p-Xylene	ug/L	ND	1.0	0.39	06/17/21 13:44	
Methyl-tert-butyl ether	ug/L	ND	0.50	0.14	06/17/21 13:44	
Naphthalene	ug/L	ND	0.50	0.35	06/17/21 13:44	
o-Xylene	ug/L	ND	0.50	0.22	06/17/21 13:44	
Toluene	ug/L	ND	0.50	0.20	06/17/21 13:44	
Xylene (Total)	ug/L	ND	0.50	0.22	06/17/21 13:44	
1,2-Dichlorobenzene-d4 (S)	%	92	70-130		06/17/21 13:44	
4-Bromofluorobenzene (S)	%	91	70-130		06/17/21 13:44	

LABORATORY CONTROL SAMPLE: 3300614

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	18.2	91	70-130	
Benzene	ug/L	20	18.0	90	70-130	
Ethylbenzene	ug/L	20	18.7	93	70-130	
m&p-Xylene	ug/L	40	37.2	93	70-130	
Methyl-tert-butyl ether	ug/L	20	17.9	89	70-130	
Naphthalene	ug/L	20	19.2	96	70-130	
o-Xylene	ug/L	20	18.4	92	70-130	
Toluene	ug/L	20	18.9	94	70-130	
Xylene (Total)	ug/L	60	55.7	93		
1,2-Dichlorobenzene-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

QC Batch: 627865
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544789001

METHOD BLANK: 3300641 Matrix: Water
Associated Lab Samples: 92544789001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	100	51.9	06/17/21 13:56	
Diisopropyl ether	ug/L	ND	1.0	0.31	06/17/21 13:56	
Ethanol	ug/L	ND	200	72.2	06/17/21 13:56	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	06/17/21 13:56	
tert-Amyl Alcohol	ug/L	ND	100	36.4	06/17/21 13:56	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	06/17/21 13:56	
tert-Butyl Alcohol	ug/L	ND	100	26.8	06/17/21 13:56	
tert-Butyl Formate	ug/L	ND	50.0	29.4	06/17/21 13:56	
1,2-Dichloroethane-d4 (S)	%	110	70-130		06/17/21 13:56	
4-Bromofluorobenzene (S)	%	95	70-130		06/17/21 13:56	
Toluene-d8 (S)	%	101	70-130		06/17/21 13:56	

LABORATORY CONTROL SAMPLE: 3300642

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	1000	964	96	70-130	
Diisopropyl ether	ug/L	50	46.5	93	70-130	
Ethanol	ug/L	2000	2030	102	70-130	
Ethyl-tert-butyl ether	ug/L	100	95.0	95	70-130	
tert-Amyl Alcohol	ug/L	1000	995	99	70-130	
tert-Amylmethyl ether	ug/L	100	95.1	95	70-130	
tert-Butyl Alcohol	ug/L	500	482	96	70-130	
tert-Butyl Formate	ug/L	400	342	86	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3300643 3300644

Parameter	Units	92544144006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
3,3-Dimethyl-1-Butanol	ug/L	ND	1600	1600	1290	1270	81	79	39-157	2	30	
Diisopropyl ether	ug/L	ND	80	80	80.5	77.4	101	97	63-144	4	30	
Ethanol	ug/L	ND	3200	3200	4550	4490	142	140	39-176	1	30	
Ethyl-tert-butyl ether	ug/L	ND	160	160	164	154	103	96	66-137	7	30	
tert-Amyl Alcohol	ug/L	ND	1600	1600	1450	1410	91	88	54-153	3	30	
tert-Amylmethyl ether	ug/L	ND	160	160	147	145	92	91	69-139	1	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3300643 3300644

Parameter	Units	92544144006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
tert-Butyl Alcohol	ug/L	ND	800	800	1060	1040	132	130	43-188	1	30	
tert-Butyl Formate	ug/L	ND	640	640	121J	ND	19	17	10-170		30	
1,2-Dichloroethane-d4 (S)	%						109	105	70-130			
4-Bromofluorobenzene (S)	%						96	93	70-130			
Toluene-d8 (S)	%						98	100	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

QC Batch: 627961
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544789002, 92544789003, 92544789004

METHOD BLANK: 3301090 Matrix: Water
Associated Lab Samples: 92544789002, 92544789003, 92544789004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	ND	100	51.9	06/17/21 13:37	
Diisopropyl ether	ug/L	ND	1.0	0.31	06/17/21 13:37	
Ethanol	ug/L	ND	200	72.2	06/17/21 13:37	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	06/17/21 13:37	
tert-Amyl Alcohol	ug/L	ND	100	36.4	06/17/21 13:37	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	06/17/21 13:37	
tert-Butyl Alcohol	ug/L	ND	100	26.8	06/17/21 13:37	
tert-Butyl Formate	ug/L	ND	50.0	29.4	06/17/21 13:37	
1,2-Dichloroethane-d4 (S)	%	103	70-130		06/17/21 13:37	
4-Bromofluorobenzene (S)	%	94	70-130		06/17/21 13:37	
Toluene-d8 (S)	%	100	70-130		06/17/21 13:37	

LABORATORY CONTROL SAMPLE: 3301091

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
3,3-Dimethyl-1-Butanol	ug/L	1000	991	99	70-130	
Diisopropyl ether	ug/L	50	48.4	97	70-130	
Ethanol	ug/L	2000	2240	112	70-130	
Ethyl-tert-butyl ether	ug/L	100	99.8	100	70-130	
tert-Amyl Alcohol	ug/L	1000	1020	102	70-130	
tert-Amylmethyl ether	ug/L	100	97.6	98	70-130	
tert-Butyl Alcohol	ug/L	500	501	100	70-130	
tert-Butyl Formate	ug/L	400	360	90	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			94	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3301092 3301093

Parameter	Units	92544789002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	395	386	99	96	39-157	2	30	
Diisopropyl ether	ug/L	ND	20	20	19.8	18.5	99	92	63-144	7	30	
Ethanol	ug/L	ND	800	800	854	797	107	100	39-176	7	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	41.9	39.6	105	99	66-137	6	30	
tert-Amyl Alcohol	ug/L	ND	400	400	416	410	104	102	54-153	2	30	
tert-Amylmethyl ether	ug/L	ND	40	40	42.0	40.2	105	100	69-139	5	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3301092 3301093

Parameter	Units	92544789002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
tert-Butyl Alcohol	ug/L	ND	200	200	220	224	110	112	43-188	2	30	
tert-Butyl Formate	ug/L	ND	160	160	152	123	95	77	10-170	21	30	
1,2-Dichloroethane-d4 (S)	%						102	102	70-130			
4-Bromofluorobenzene (S)	%						100	101	70-130			
Toluene-d8 (S)	%						102	102	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

QC Batch: 628695
QC Batch Method: EPA 504.1
Analysis Method: EPA 504.1
Analysis Description: GCS 504 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92544789001, 92544789002, 92544789003

METHOD BLANK: 3304539 Matrix: Water
Associated Lab Samples: 92544789001, 92544789002, 92544789003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.021	0.013	06/22/21 16:12	
1-Chloro-2-bromopropane (S)	%	98	70-130		06/22/21 16:12	

LABORATORY CONTROL SAMPLE & LCSD: 3304540 3304541

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.27	0.26	0.26	98	97	70-130	2	20	
1-Chloro-2-bromopropane (S)	%				102	104	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3304542 3304543

Parameter	Units	92544819001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.26	0.26	0.25	0.25	98	99	65-135	1	20	
1-Chloro-2-bromopropane (S)	%						100	101	70-130			

SAMPLE DUPLICATE: 3304544

Parameter	Units	92544819002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	103	117			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: HQ Health Self Serve 2
Pace Project No.: 92544789

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92544789001	WSW-3	EPA 504.1	628695	EPA 504.1	628761
92544789002	WSW-DUP	EPA 504.1	628695	EPA 504.1	628761
92544789003	WSW-FB	EPA 504.1	628695	EPA 504.1	628761
92544789001	WSW-3	EPA 524.2	627859		
92544789002	WSW-DUP	EPA 524.2	627859		
92544789003	WSW-FB	EPA 524.2	627859		
92544789004	WSW-TB	EPA 524.2	627859		
92544789001	WSW-3	EPA 8260D	627865		
92544789002	WSW-DUP	EPA 8260D	627961		
92544789003	WSW-FB	EPA 8260D	627961		
92544789004	WSW-TB	EPA 8260D	627961		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical™

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder Label

WO# : 92544789

92544789

ALL SHADED

Company: MECT	Billing Information:
Address: 231 Dooley Rd.	
Report To: B. Shane	Email To: JL@mect.net
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: HQ Health Self-serve 2	State: SC County/City: Sumter Time Zone Collected: [ ] PT [ ] MT [ ] CT [X] ET
Phone: Email:	Site/Facility ID #: US-08932 Job-21-7607 Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Hunter Sloan	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [ ] No Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	BTEX, Naph, 1-2DCA, SOM.1	EDB SOM.1	6010 & 7196A 2013	Lab Sample # / Comments
WSW-3	DW	G	6/15/21	15:20				9	X	X	X	92544789
WSW-5												LDL 001
WSW-6												DNS
WSW-Dup	DW	G	6/8/21	15:20				9				DNS
WSW-FB				15:23				3				002
WSW-TB				8:20				6				003
												No EDB 004

Container Preservative Type **: 3 3

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other ____

Analyses

Lab Project Manager:

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used: bio

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2632053

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:

Temp Blank Received: Y (N) NA

Therm ID#: 92701241

Cooler 1 Temp Upon Receipt: 4.2 oC

Cooler 1 Therm Corr. Factor: 0.1 oC

Cooler 1 Corrected Temp: 4.1 oC

Comments:

	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) MECT	6/16 1523	Josh Mallas	6/16/21 1323
Relinquished by/Company: (Signature) Josh Mallas	6/16/21 1753	JD Pace Hu	6/16/21 1753
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY

Table #:

Acctnum:

Template:

Prelogin:

PM:

PB:

Trip Blank Received: Y N NA

HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ____ of: ____

Page 17 of 96

Pace Analytical

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevent fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Company:	Billing Information:	Container Preservative Type ** / Lab Project Manager:
Address:		
Report To:	Email To:	** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____
Copy To:	Site Collection Info/Address:	
Customer Project Name/Number:	State: County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET	Analyses / Lab Profile/Line:
Phone: Email:	Site/Facility ID #:	Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #:	DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required:	Immediately Packed on Ice: [ ] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)	Field Filtered (If applicable): [ ] Yes [ ] No Analysis: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips: _____			
Sample pH Acceptable	Y	N	NA
pH Strips: _____			
Sulfide Present	Y	N	NA
Lead Acetate Strips: _____			

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: (Wet) Blue Dry None

Packing Material Used:

Radchem sample(s) screened (<500 cpm): Y N (NA)

SHORT HOLDS PRESENT (<72 hours): Y (N) N/A

Lab Tracking #: 2632053

Samples received via: FEDEX UPS Client Courier (Pace Courier)

Lab Sample Temperature Info:
Temp Blank Received: Y (N) NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____ oC
Cooler 1 Therm Corr. Factor: _____ oC
Cooler 1 Corrected Temp: _____ oC
Comments:

	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	6/16 1523	Josh Mollos	6/16/21 1523
Relinquished by/Company: (Signature) Josh Mollos	6/16/21 1752		
Relinquished by/Company: (Signature)			

MTJL LAB USE ONLY
Table #:
Acctnum:
Template:
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: _____ of: _____

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project **WO#: 92544789**

PM: LNW Due Date: 06/25/21

CLIENT: 92-MIDLAND

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																6	3												
2																6	3												
3																6	3												
4																6													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

APPENDIX C:

TAX MAP

(Not Applicable)

APPENDIX D:

SOIL BORING/FIELD SCREENING LOGS & 1903 FORMS

(Not Applicable)

APPENDIX E:

WELL COMPLETION LOGS & 1903 FORMS

(Not Applicable)

APPENDIX F:

AQUIFER EVALUATION SUMMARY FORMS, DATA, GRAPHS, EQUATIONS

(Not Applicable)

APPENDIX G:

DISPOSAL MANIFEST

Midlands Environmental Consultants, Inc.

June 29, 2021

Re: Treatment of Purge Water
HQ Heath Self Serve #2
Sumter, South Carolina
SCDHEC Site ID Number 08932
MECI Project Number 21-7607

To Whom It May Concern;

Midlands Environmental Consultants, Inc. is providing the following letter as certification that treatment of the referenced purge water complied with the conditions of "Proposed Conditions for Use of Portable Activated Carbon Units for the Treatment of Small Volumes of Petroleum Hydrocarbon Contaminated Groundwater", as described in the following:

Applicability:

Groundwater treated was obtained as a result development of wells and sampling.

Conditions:

1. The purge/bail water from all wells is mixed before usage of the Activated Carbon Unit.
2. No free-product was detected in any of the purge water drums.
3. Analytical results of from well sampling show average concentrations of petroleum hydrocarbon constituents less than 5000 parts per billion (ppb) Benzene and less than 20,000 ppb total BTEX.
4. The existing carbon pack will be replaced/reactivated every 5,000 gallons.
5. Record of usage is maintained by Contractor.
6. Any and all recommendations and conditions issued by the Manufacturer have been adhered to.
7. Any and all recommendations and conditions (even on a site by site basis) issued by the SCDHEC must be adhered to.

All purge waters were treated on-site using an up-flow treatment drum loaded with 80 pounds of activated carbon. Carbon will be loaded to a maximum of 3 pounds of total organic compounds or 5,000 gallons of development/purge water, whichever occurs first.

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

- 628.00 gallons were treated on June 14-15, 2021 during purging and sampling of the monitoring well network.

Midlands Environmental also tracks cumulative organic compounds adsorbed on the activated carbon to ensure the capacity of carbon mass is not over-charged. This data is available upon request.

Should you have any questions or comments, please contact the undersigned.

Sincerely,
Midlands Environmental Consultants, Inc.

Jeff L. Coleman
Senior Scientist

APPENDIX H:

LOCAL ZONING REGULATIONS

(Not Applicable)

APPENDIX I:

FATE AND TRANSPORT MODELING

(Not Applicable)

APPENDIX J:

ACCESS AGREEMENTS

(Not Applicable)

APPENDIX K:

DATA VERIFICATION CHECKLIST

Contractor Checklist

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

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

Domenico Model

UST # 08932
Site Name: HQ Heath Self Serve #2
Modeler: Matt Wykel
Date: 4.28.2022

Groundwater Flow Parameters

K	2500	ft/yr
dh/dx	0.011	
θ	0.25	dec. %
v_x	110	ft/yr

Transport Parameters

x_{max}	882	ft
y_{max}	50	ft
z	0	ft
Source Width	30	ft
Source Thickness	15	ft
Plume Length	882	ft
α_x	23.20762	ft
α_y	2.320762	ft
α_z	1.00E-99	ft

Simulation Time

t_{sim} 35 yrs

Aquifer Characteristics

ρ_d	1.7	kg/L
f_{oc}	0.0002	

Source Area CoC Data

CoC	C_{source} (mg/L)	K_{oc} (L/kg)
Benzene	44.39	81
Toluene	50	133
Ethylbenzene	5.2	176
Xylenes	27.3	639
Naphthalene	6.7	1543
MtBE	1.5	11
EDB	0.636	28
1,2-DCA	1.2	17.5

Retarded Velocity (ft/yr)

CoC	R	v_R
Benzene	1.110	99.08
Toluene	1.181	93.15
Ethylbenzene	1.239	88.76
Xylenes	1.869	58.85
Naphthalene	3.098	35.50
MtBE	1.015	108.38
EDB	1.038	105.96
1,2-DCA	1.024	107.44

Simulation Points for Breakthrough Curves

x		ft	x		ft
y		ft	y		ft
z		ft	z		ft

$$C(x,y,z,t) = \left(\frac{C_0}{8}\right)\exp\left[\left(\frac{x}{2\alpha_x}\right)\left(1-\sqrt{1+\frac{4\lambda\alpha_x}{v}}\right)\right] erfc\left[\frac{x-vt\sqrt{1+\frac{4\lambda\alpha_x}{v}}}{2\sqrt{\alpha_x vt}}\right]\left\{erf\left[\frac{y+\frac{Y}{2}}{2\sqrt{\alpha_y x}}\right]-erf\left[\frac{y-\frac{Y}{2}}{2\sqrt{\alpha_y x}}\right]\right\}\left\{erf\left[\frac{z+Z}{2\sqrt{\alpha_z x}}\right]-erf\left[\frac{z-Z}{2\sqrt{\alpha_z x}}\right]\right\}$$

Model Notes

- calibration line was set up from the source area to MW-20 and then to the creek. However the model includes the highest concentrations (post 2013) from downgradient wells MW-19 and MW-20 to represent the entire plume.
- EDB half life is low compared to normal $t_{\frac{1}{2}}$s. I believe this is due to site specific conditions not allowing to flow through the subsurface at the same rate as constituents such as Benzene. I also did a seperate test model reducing the Vx for just EDB and the SSTLs came out very similar so I believe the model and half life are representative of site conditions.
- Site Goal - Have contractor or ACA contractor clean up the "off site source area" to below solubility.

- Matt Wyhel

Benzene Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	44.39	44.39
88.2		14.007
176.4		6.027
264.6		2.910
352.8	4.7	1.479
441		0.775
529.2		0.413
617.4	0.224	0.223
705.6		0.122
793.8		0.067
882	0.0004	0.037

Temporal Calibration Data

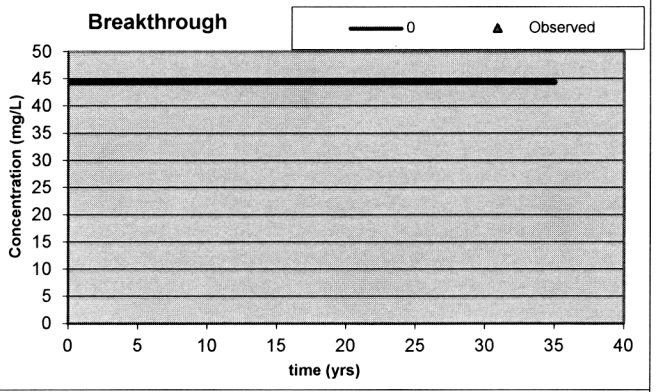
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
	0		0	
0		44.39		44.39
3.5		44.390		44.390
7		44.390		44.390
10.5		44.390		44.390
14		44.390		44.390
17.5		44.390		44.390
21		44.390		44.390
24.5		44.390		44.390
28		44.390		44.390
31.5		44.390		44.390
35		44.390		44.390

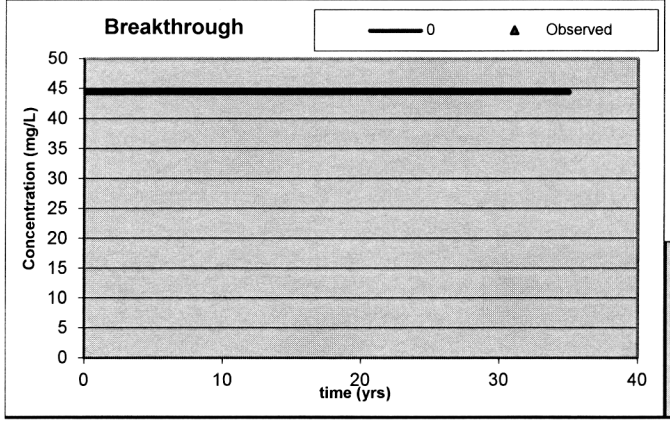
Site ID 08932

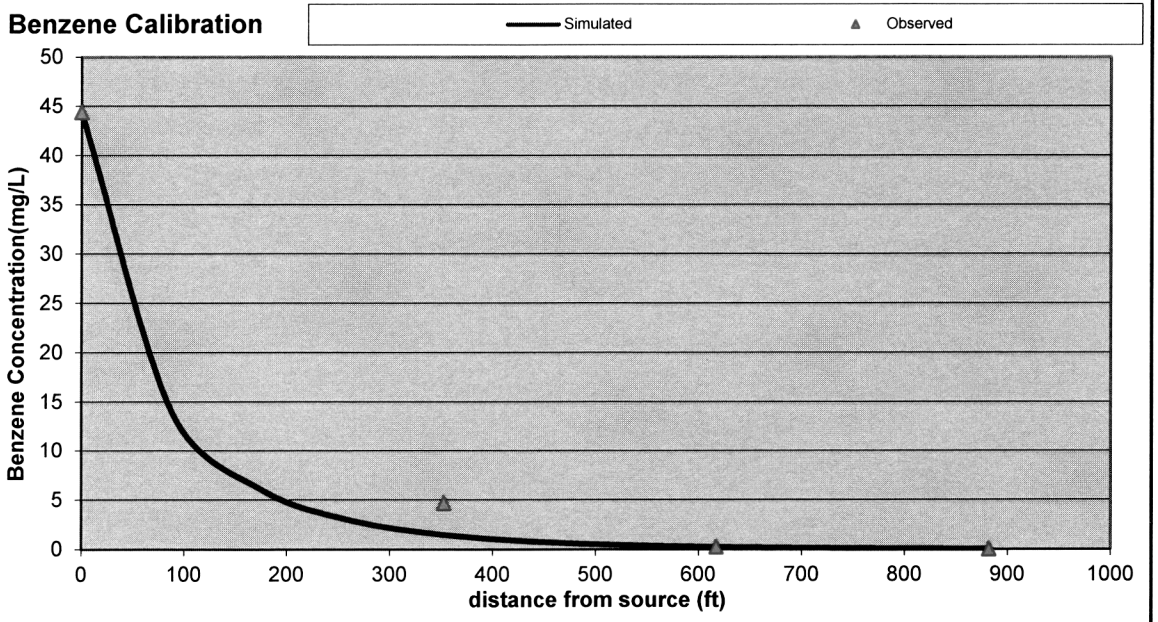
Site Name HQ Heath Self Serve #2

Model Calibration Parameters

$t_{1/2}$	1	yrs	λ	0.693	yr^{-1}
v_x	110	ft/yr			
R	1.110				
v_R	99.085	ft/yr	C_{source}	44.39	mg/L
L_p	882	ft			
α_x	23.20762	ft	t_{sim}	35	yrs
α_y	2.320762	ft			
α_z	1E-99	ft			







Source	88.2	176.4	264.6	352.8	441	529.2	617.4	705.6	793.8	882
50	1.06493834	1.49321274	1.11660614	0.71348897	0.42988359	0.2522403	0.14606	0.083987	0.048111	0.027505
25	7.41158557	4.25454998	2.29059413	1.23292676	0.66852491	0.3652515	0.200882	0.1111	0.061734	0.03444
0	14.006629	6.0265872	2.90996763	1.47943483	0.77451444	0.4132182	0.223396	0.121959	0.067084	0.03712
25	7.41158557	4.25454998	2.29059413	1.23292676	0.66852491	0.3652515	0.200882	0.1111	0.061734	0.03444
50	1.06493834	1.49321274	1.11660614	0.71348897	0.42988359	0.2522403	0.14606	0.083987	0.048111	0.027505

Toluene Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	50	50
88.2		8.967
176.4		2.193
264.6		0.602
352.8	6	0.174
441		0.052
529.2		0.016
617.4	0.005	0.005
705.6		0.001
793.8		0.000
882	0.0004	0.000

Temporal Calibration Data

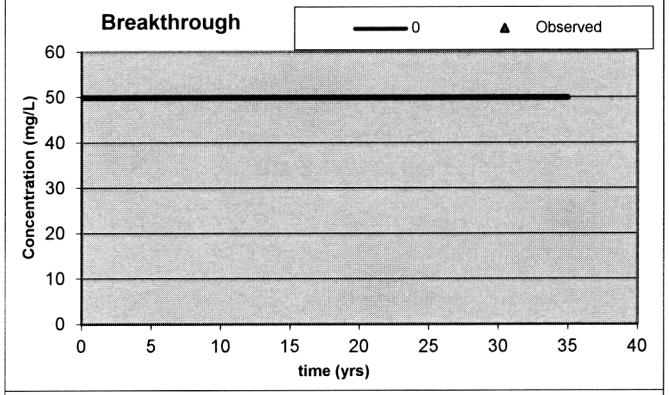
		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		50		50
3.5		50.000		50.000
7		50.000		50.000
10.5		50.000		50.000
14		50.000		50.000
17.5		50.000		50.000
21		50.000		50.000
24.5		50.000		50.000
28		50.000		50.000
31.5		50.000		50.000
35		50.000		50.000

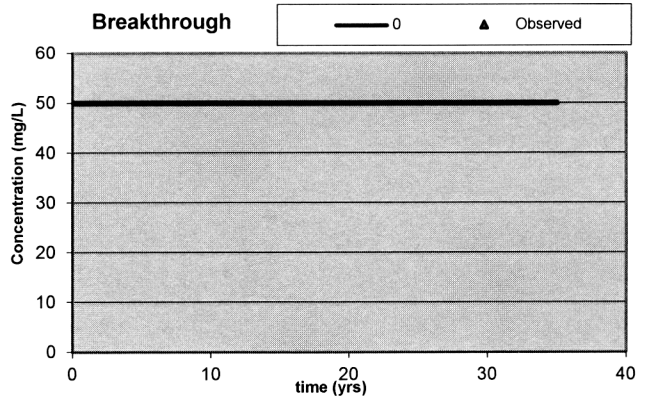
Site ID 08932

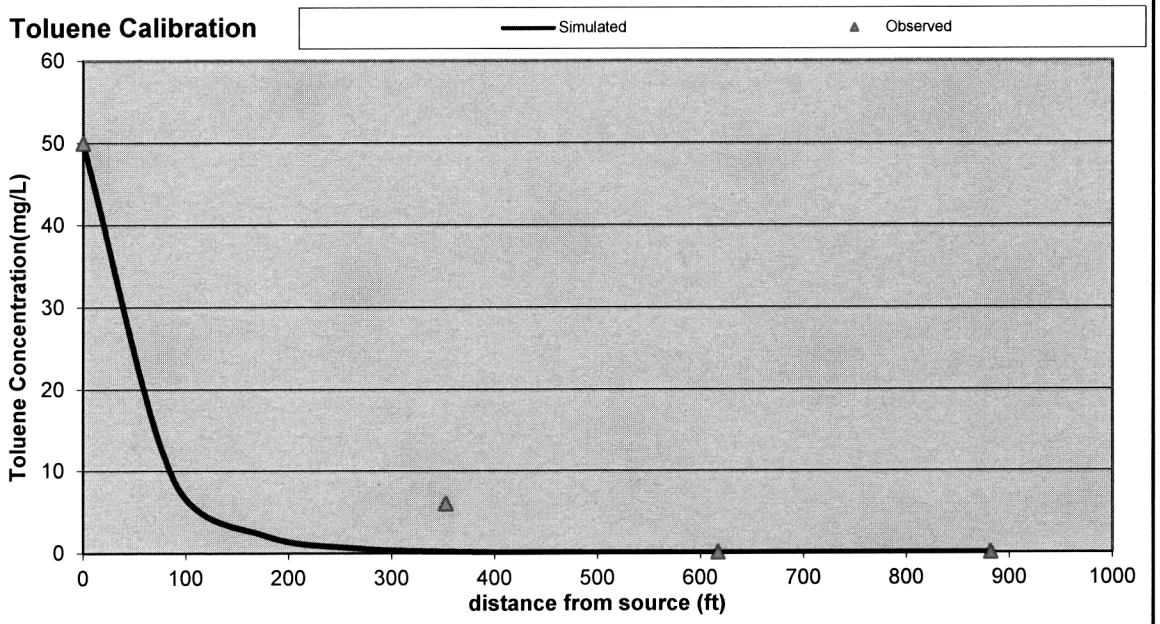
Site Name HQ Heath Self Serve #2

Model Calibration Parameters

$t_{1/2}$	0.46	yrs	λ	1.50652	yr^{-1}
v_x	110	ft/yr			
R	1.181				
v_R	93.151	ft/yr	C_{source}	50	mg/L
L_p	882	ft			
α_x	23.20762	ft	t_{sim}	35	yrs
α_y	2.320762	ft			
α_z	1E-99	ft			







Source	88.2	176.4	264.6	352.8	441	529.2	617.4	705.6	793.8	882
50	0.68176574	0.54332319	0.23092046	0.08386399	0.02871871	0.0095776	0.003152	0.00103	0.000335	0.000109
25	4.74484286	1.54806854	0.47370781	0.14491907	0.04466133	0.0138686	0.004335	0.001363	0.00043	0.000136
0	8.96694141	2.19284533	0.60179775	0.1738938	0.05174205	0.0156899	0.004821	0.001496	0.000468	0.000147
25	4.74484286	1.54806854	0.47370781	0.14491907	0.04466133	0.0138686	0.004335	0.001363	0.00043	0.000136
50	0.68176574	0.54332319	0.23092046	0.08386399	0.02871871	0.0095776	0.003152	0.00103	0.000335	0.000109

Ethylbenzene Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	5.2	5.2
88.2		1.927
176.4		0.973
264.6		0.552
352.8	0.89	0.330
441		0.203
529.2		0.127
617.4	0.0817	0.081
705.6		0.052
793.8		0.033
882	0.0004	0.022

Temporal Calibration Data

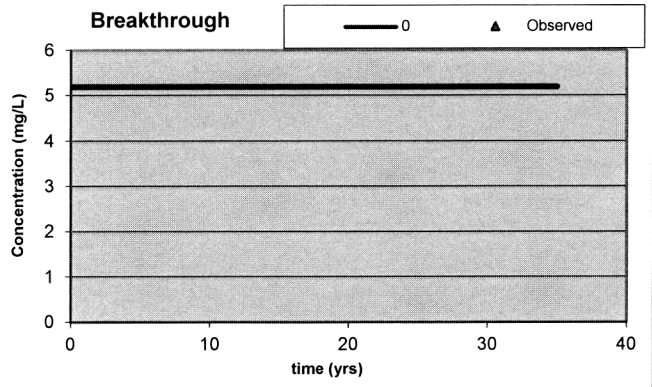
		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		5.2		5.2
3.5		5.200		5.200
7		5.200		5.200
10.5		5.200		5.200
14		5.200		5.200
17.5		5.200		5.200
21		5.200		5.200
24.5		5.200		5.200
28		5.200		5.200
31.5		5.200		5.200
35		5.200		5.200

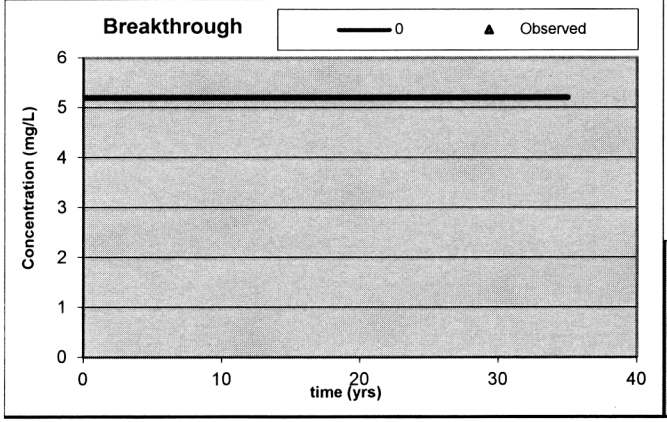
Site ID 08932

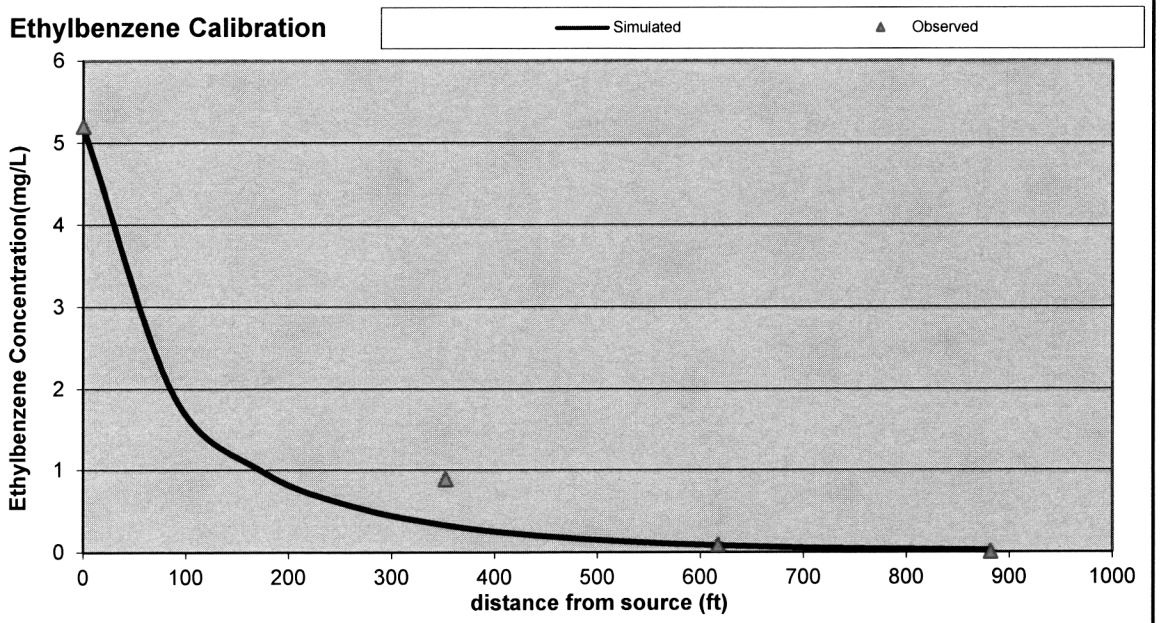
Site Name HQ Heath Self Serve #2

Model Calibration Parameters

$t_{1/2}$	1.65	yrs	λ	0.42	yr^{-1}
v_x	110	ft/yr			
R	1.239				
v_R	88.755	ft/yr	C_{source}	5.2	mg/L
L_p	882	ft			
α_x	23.20762	ft	t_{sim}	35	yrs
α_y	2.320762	ft			
α_z	1E-99	ft			







Source	88.2	176.4	264.6	352.8	441	529.2	617.4	705.6	793.8	882
50	0.14648879	0.24119224	0.21178899	0.15891041	0.11242882	0.0774646	0.052672	0.035565	0.023923	0.01606
25	1.01950896	0.68721917	0.43446171	0.27460115	0.17484145	0.112171	0.072442	0.047046	0.030697	0.020109
0	1.92669754	0.97344873	0.55193955	0.32950417	0.20256123	0.1269018	0.080561	0.051645	0.033357	0.021674
25	1.01950896	0.68721917	0.43446171	0.27460115	0.17484145	0.112171	0.072442	0.047046	0.030697	0.020109
50	0.14648879	0.24119224	0.21178899	0.15891041	0.11242882	0.0774646	0.052672	0.035565	0.023923	0.01606

Xylenes Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	27.3	27.3
88.2		5.481
176.4		1.501
264.6		0.461
352.8	4.4	0.149
441		0.050
529.2		0.017
617.4	0.0065	0.006
705.6		0.002
793.8		0.001
882	0.0005	0.000

Temporal Calibration Data

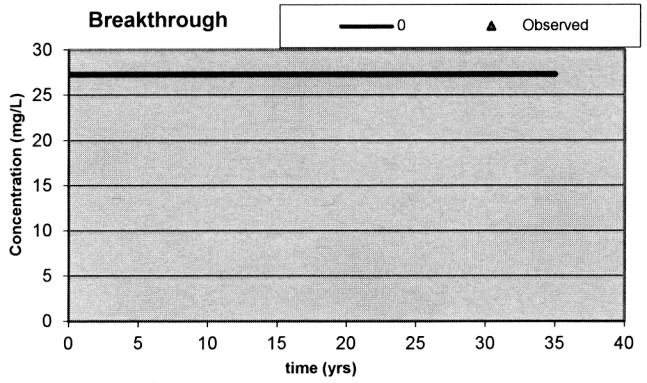
		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		27.3		27.3
3.5		27.300		27.300
7		27.300		27.300
10.5		27.300		27.300
14		27.300		27.300
17.5		27.300		27.300
21		27.300		27.300
24.5		27.300		27.300
28		27.300		27.300
31.5		27.300		27.300
35		27.300		27.300

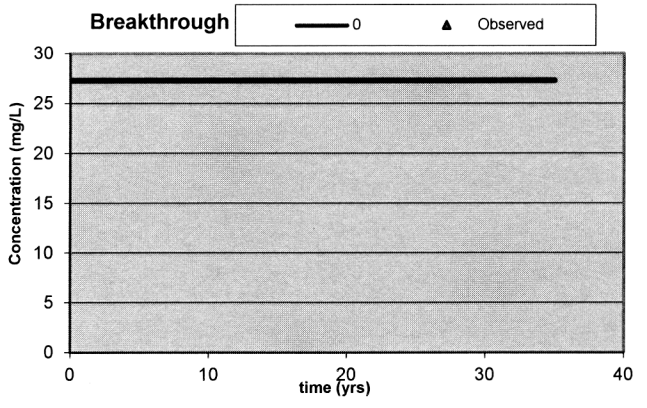
Site ID 08932

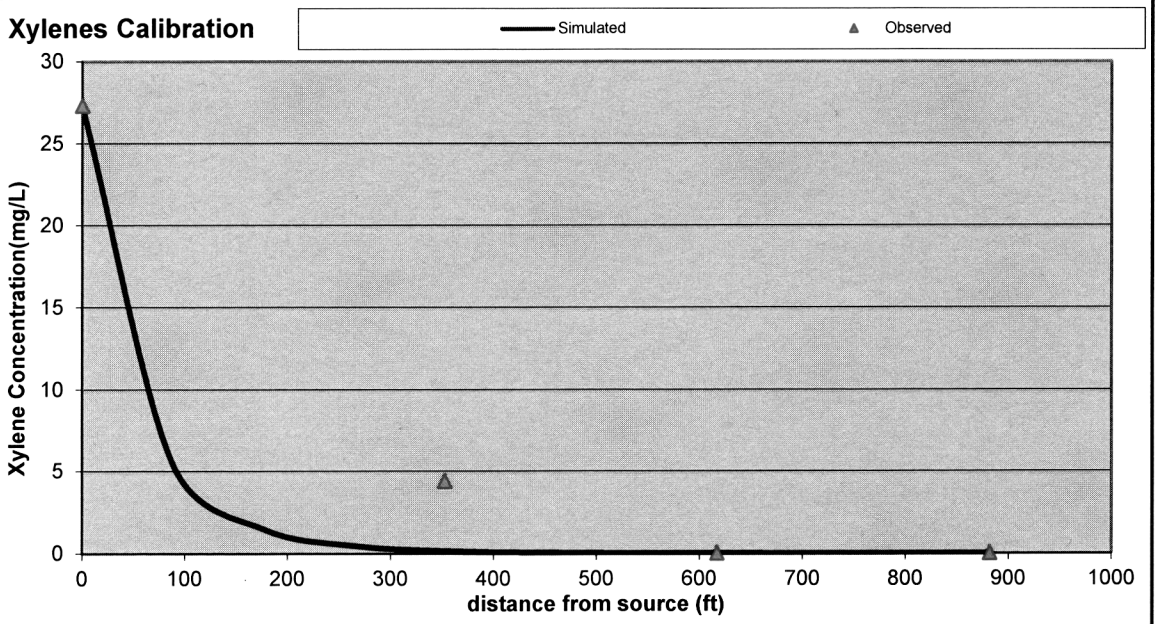
Site Name HQ Heath Self Serve #2

Model Calibration Parameters

$t_{1/2}$	0.83	yrs	λ	0.83494	yr^{-1}
v_x	110	ft/yr			
R	1.869				
v_R	58.854	ft/yr	C_{source}	27.3	mg/L
L_p	882	ft			
α_x	23.20762	ft	t_{sim}	35	yrs
α_y	2.320762	ft			
α_z	1E-99	ft			







Source	88.2	176.4	264.6	352.8	441	529.2	617.4	705.6	793.8	882
50	0.41672955	0.37179526	0.17690272	0.07192404	0.02757338	0.0102945	0.003793	0.001388	0.000506	0.000184
25	2.90028689	1.05934103	0.36289638	0.12428654	0.04288019	0.0149068	0.005217	0.001836	0.000649	0.00023
0	5.48104613	1.50056084	0.46102306	0.14913606	0.04967852	0.0168644	0.005801	0.002015	0.000705	0.000248
25	2.90028689	1.05934103	0.36289638	0.12428654	0.04288019	0.0149068	0.005217	0.001836	0.000649	0.00023
50	0.41672955	0.37179526	0.17690272	0.07192404	0.02757338	0.0102945	0.003793	0.001388	0.000506	0.000184

MtBE Calibration

Spatial Calibration Data (centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	1.5	1.5
88.2		0.624
176.4		0.354
264.6		0.225
352.8	0.14	0.151
441		0.104
529.2		0.073
617.4	0.119	0.052
705.6		0.038
793.8		0.027
882	0.0005	0.020

Temporal Calibration Data

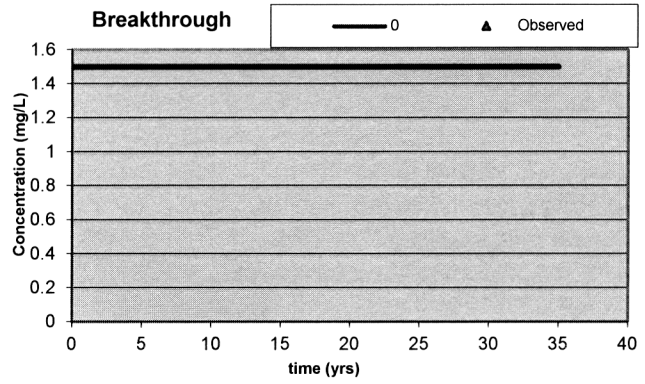
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	0 C_{obs} (mg/L)	0 C_{sim} (mg/L)
0		1.5		1.5
3.5		1.500		1.500
7		1.500		1.500
10.5		1.500		1.500
14		1.500		1.500
17.5		1.500		1.500
21		1.500		1.500
24.5		1.500		1.500
28		1.500		1.500
31.5		1.500		1.500
35		1.500		1.500

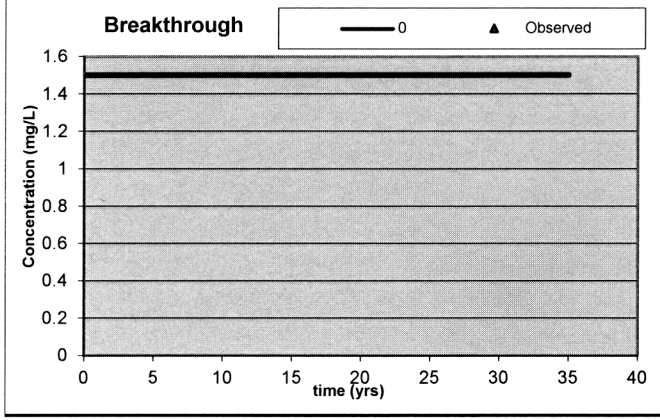
Site ID 08932

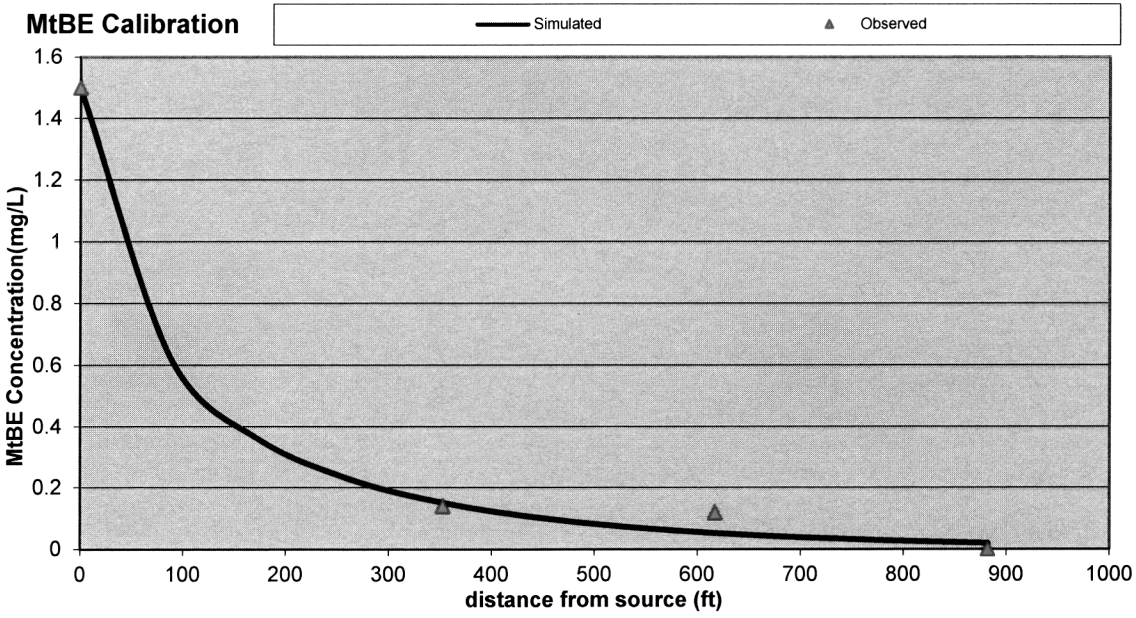
Site Name HQ Heath Self Serve #2

Model Calibration Parameters

$t_{1/2}$	2	yrs	λ	0.3465	yr^{-1}
v_x	110	ft/yr			
R	1.015				
v_R	108.379	ft/yr	C_{source}	1.5	mg/L
L_p	882	ft			
α_x	23.20762	ft	t_{sim}	35	yrs
α_y	2.320762	ft			
α_z	1E-99	ft			







Source	88.2	176.4	264.6	352.8	441	529.2	617.4	705.6	793.8	882
50	0.04744375	0.08770507	0.08646722	0.0728429	0.05786278	0.0447622	0.034173	0.025906	0.019565	0.014747
25	0.33019136	0.24989448	0.17737795	0.12587435	0.08998415	0.064817	0.046999	0.03427	0.025105	0.018465
0	0.62400519	0.35397654	0.22534071	0.15104133	0.10425045	0.0733291	0.052266	0.037619	0.027281	0.019902
25	0.33019136	0.24989448	0.17737795	0.12587435	0.08998415	0.064817	0.046999	0.03427	0.025105	0.018465
50	0.04744375	0.08770507	0.08646722	0.0728429	0.05786278	0.0447622	0.034173	0.025906	0.019565	0.014747

Naphthalene Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	6.7	6.7
88.2		2.238
176.4		1.019
264.6		0.521
352.8	0.2	0.280
441		0.155
529.2		0.088
617.4	0.0503	0.050
705.6		0.029
793.8		0.017
882	0.0005	0.010

Temporal Calibration Data

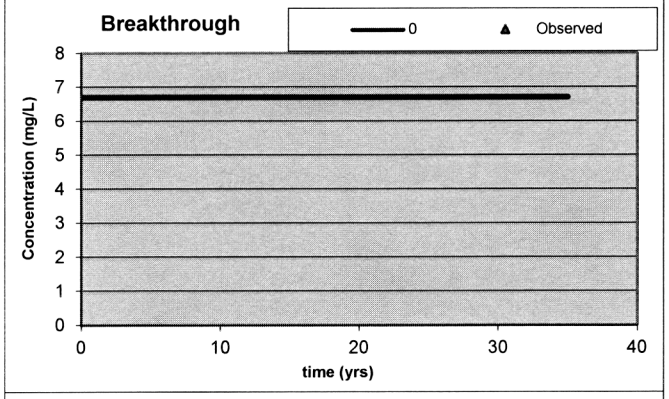
		0		0
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		6.7		6.7
3.5		6.700		6.700
7		6.700		6.700
10.5		6.700		6.700
14		6.700		6.700
17.5		6.700		6.700
21		6.700		6.700
24.5		6.700		6.700
28		6.700		6.700
31.5		6.700		6.700
35		6.700		6.700

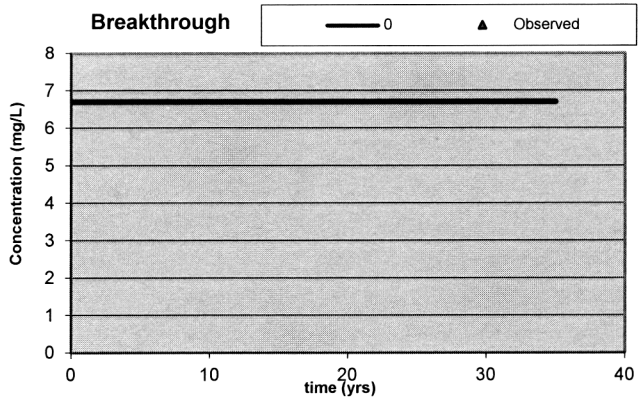
Site ID 08932

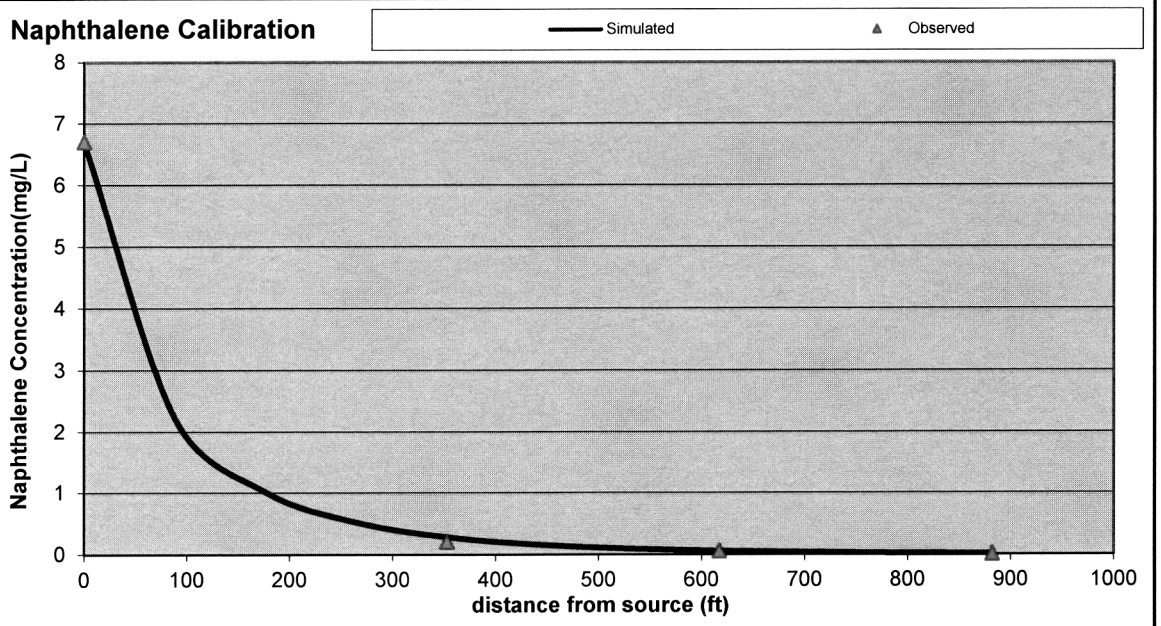
Site Name HQ Heath Self Serve #2

Model Calibration Parameters

$t_{1/2}$	3.16	yrs	λ	0.2193	yr^{-1}
v_x	110	ft/yr			
R	3.098				
v_R	35.501	ft/yr	C_{source}	6.7	mg/L
L_p	882	ft			
α_x	23.20762	ft	t_{sim}	35	yrs
α_y	2.320762	ft			
α_z	1E-99	ft			







Source	88.2	176.4	264.6	352.8	441	529.2	617.4	705.6	793.8	882
50	0.17012146	0.25246506	0.19981338	0.13513153	0.0861717	0.0535143	0.032796	0.019956	0.012093	0.007305
25	1.18398379	0.71933837	0.40989508	0.23351066	0.13400821	0.0774903	0.045105	0.026399	0.015517	0.009146
0	2.23752684	1.01894571	0.52073014	0.28019815	0.15525419	0.0876668	0.05016	0.028979	0.016862	0.009858
25	1.18398379	0.71933837	0.40989508	0.23351066	0.13400821	0.0774903	0.045105	0.026399	0.015517	0.009146
50	0.17012146	0.25246506	0.19981338	0.13513153	0.0861717	0.0535143	0.032796	0.019956	0.012093	0.007305

EDB Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	0.636	0.63600
88.2		0.10226
176.4		0.02242
264.6		0.00552
352.8		0.00143
441		0.00038
529.2		0.00010
617.4	0.00003	0.00003
705.6		0.00001
793.8		0.00000
882		0.00000

Temporal Calibration Data

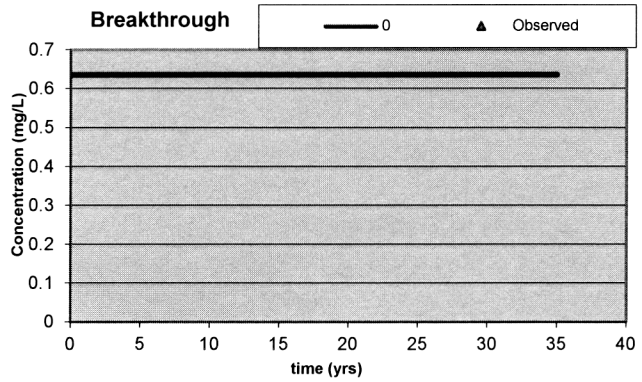
	0		0	
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		0.63600		0.63600
3.5		0.63600		0.63600
7		0.63600		0.63600
10.5		0.63600		0.63600
14		0.63600		0.63600
17.5		0.63600		0.63600
21		0.63600		0.63600
24.5		0.63600		0.63600
28		0.63600		0.63600
31.5		0.63600		0.63600
35		0.63600		0.63600

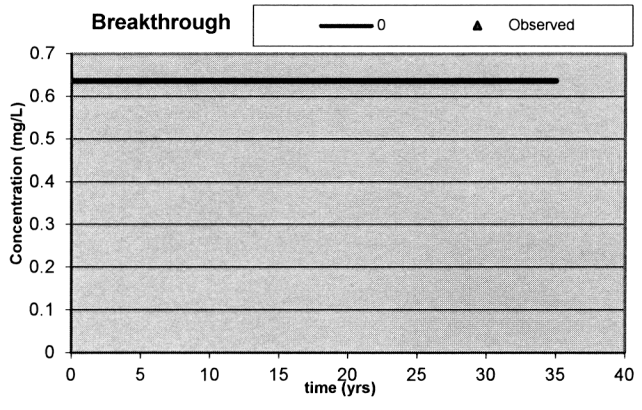
Site ID 08932

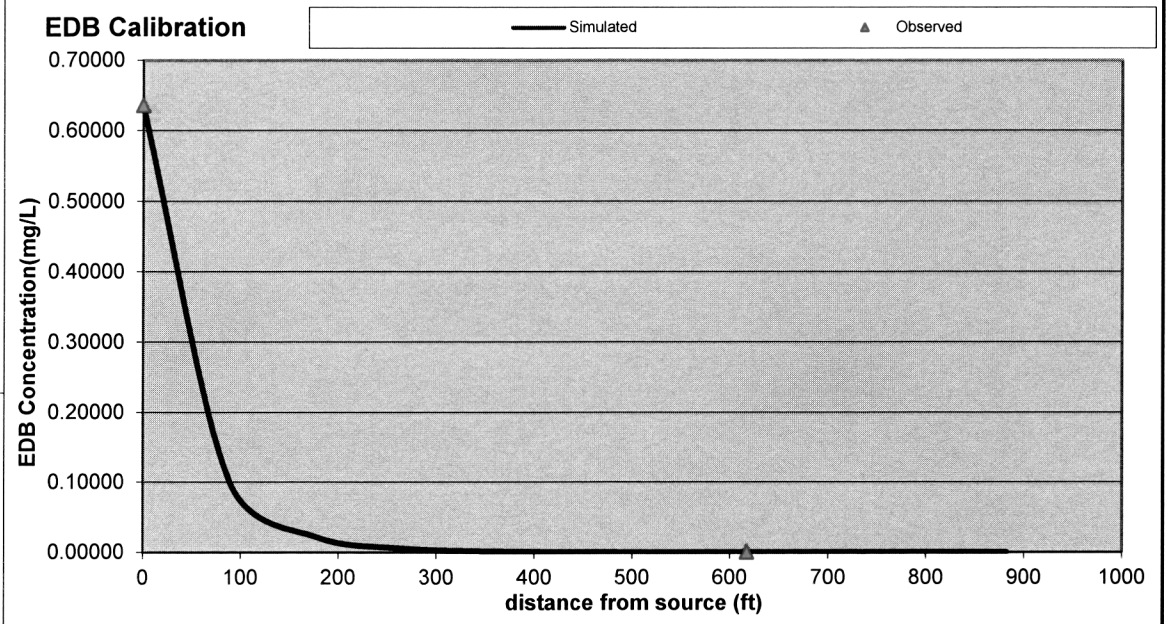
Site Name HQ Heath Self Serve #2

Model Calibration Parameters

$t_{1/2}$	**0.36**	yrs	λ	1.925	yr^{-1}
v_x	110	ft/yr			
R	1.038				
v_R	105.965	ft/yr	C_{source}	0.636	mg/L
L_p	882	ft			
α_x	23.20762	ft	t_{sim}	35	yrs
α_y	2.320762	ft			
α_z	1E-99	ft			







Source	88.2	176.4	264.6	352.8	441	529.2	617.4	705.6	793.8	882
50	0.00777504	0.00555528	0.00211685	0.00068926	0.00021162	6.327E-05	1.87E-05	5.47E-06	1.6E-06	4.65E-07
25	0.05411145	0.01582843	0.00434248	0.00119106	0.00032909	9.162E-05	2.57E-05	7.24E-06	2.05E-06	5.82E-07
0	0.10226138	0.02242103	0.00551669	0.0014292	0.00038127	0.0001037	2.86E-05	7.94E-06	2.23E-06	6.28E-07
25	0.05411145	0.01582843	0.00434248	0.00119106	0.00032909	9.162E-05	2.57E-05	7.24E-06	2.05E-06	5.82E-07
50	0.00777504	0.00555528	0.00211685	0.00068926	0.00021162	6.327E-05	1.87E-05	5.47E-06	1.6E-06	4.65E-07

1,2-DCA Calibration

Spatial Calibration Data

(centerline)

x	C_{obs} (mg/L)	C_{sim} (mg/L)
0	1.2	1.2
88.2		0.481
176.4		0.263
264.6		0.161
352.8	0.21	0.104
441		0.069
529.2		0.047
617.4	0.032	0.032
705.6		0.022
793.8		0.016
882	0.0004	0.011

Temporal Calibration Data

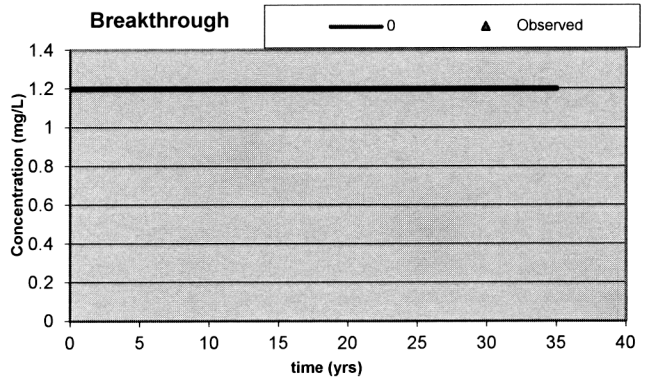
	0		0	
t (yrs)	C_{obs} (mg/L)	C_{sim} (mg/L)	C_{obs} (mg/L)	C_{sim} (mg/L)
0		1.2		1.2
3.5		1.200		1.200
7		1.200		1.200
10.5		1.200		1.200
14		1.200		1.200
17.5		1.200		1.200
21		1.200		1.200
24.5		1.200		1.200
28		1.200		1.200
31.5		1.200		1.200
35		1.200		1.200

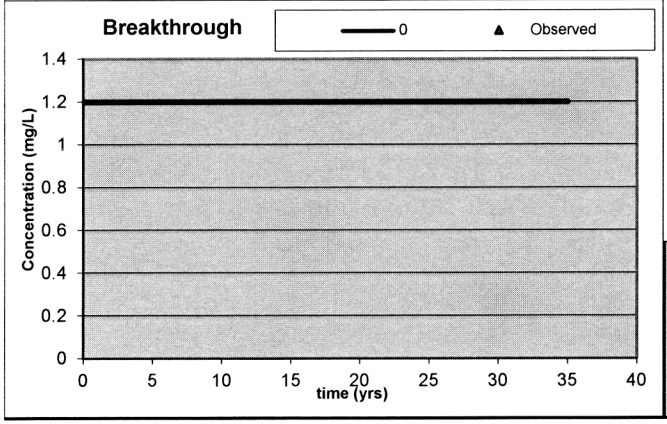
Site ID 08932

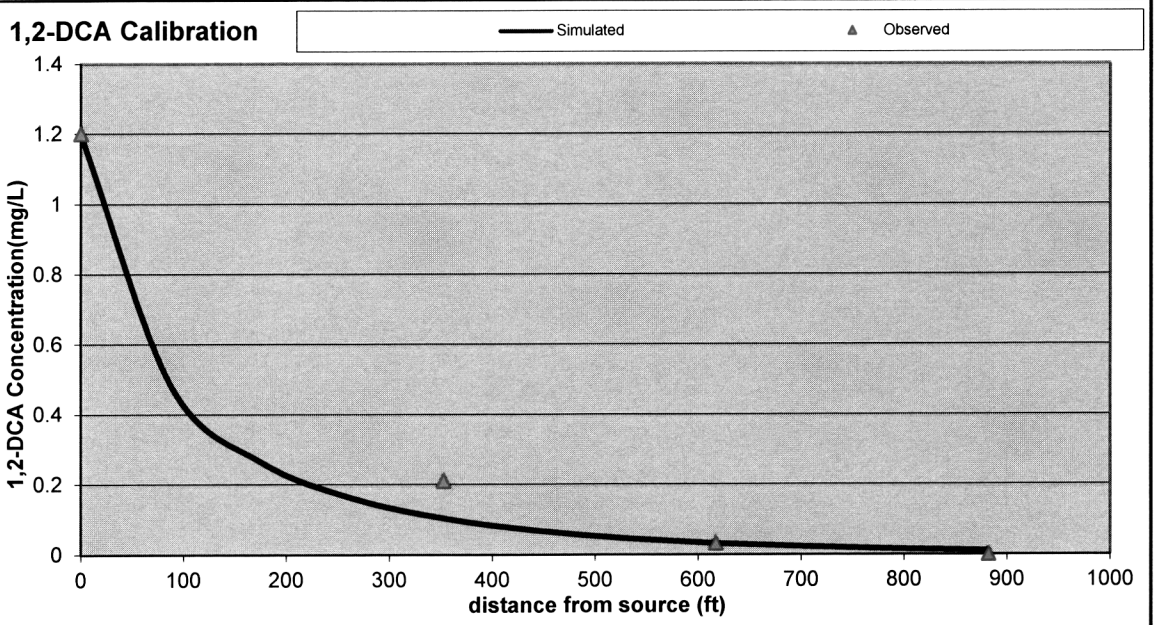
Site Name HQ Heath Self Serve #2

Model Calibration Parameters

$t_{1/2}$	**1.75**	yrs	λ	0.396	yr^{-1}
v_x	110	ft/yr			
R	1.024				
v_R	107.443	ft/yr	C_{source}	1.2	mg/L
L_p	882	ft			
α_x	23.20762	ft	t_{sim}	35	yrs
α_y	2.320762	ft			
α_z	1E-99	ft			







Source	88.2	176.4	264.6	352.8	441	529.2	617.4	705.6	793.8	882
50	0.03655751	0.06509236	0.06181081	0.05015425	0.03837315	0.0285922	0.021024	0.015352	0.011167	0.008107
25	0.25442708	0.18546499	0.12679804	0.0866678	0.05967524	0.0414023	0.028915	0.020308	0.014329	0.010151
0	0.48082365	0.2627119	0.16108406	0.10399593	0.0691363	0.0468395	0.032156	0.022293	0.015571	0.010941
25	0.25442708	0.18546499	0.12679804	0.0866678	0.05967524	0.0414023	0.028915	0.020308	0.014329	0.010151
50	0.03655751	0.06509236	0.06181081	0.05015425	0.03837315	0.0285922	0.021024	0.015352	0.011167	0.008107

SSTLs t 1000 yrs

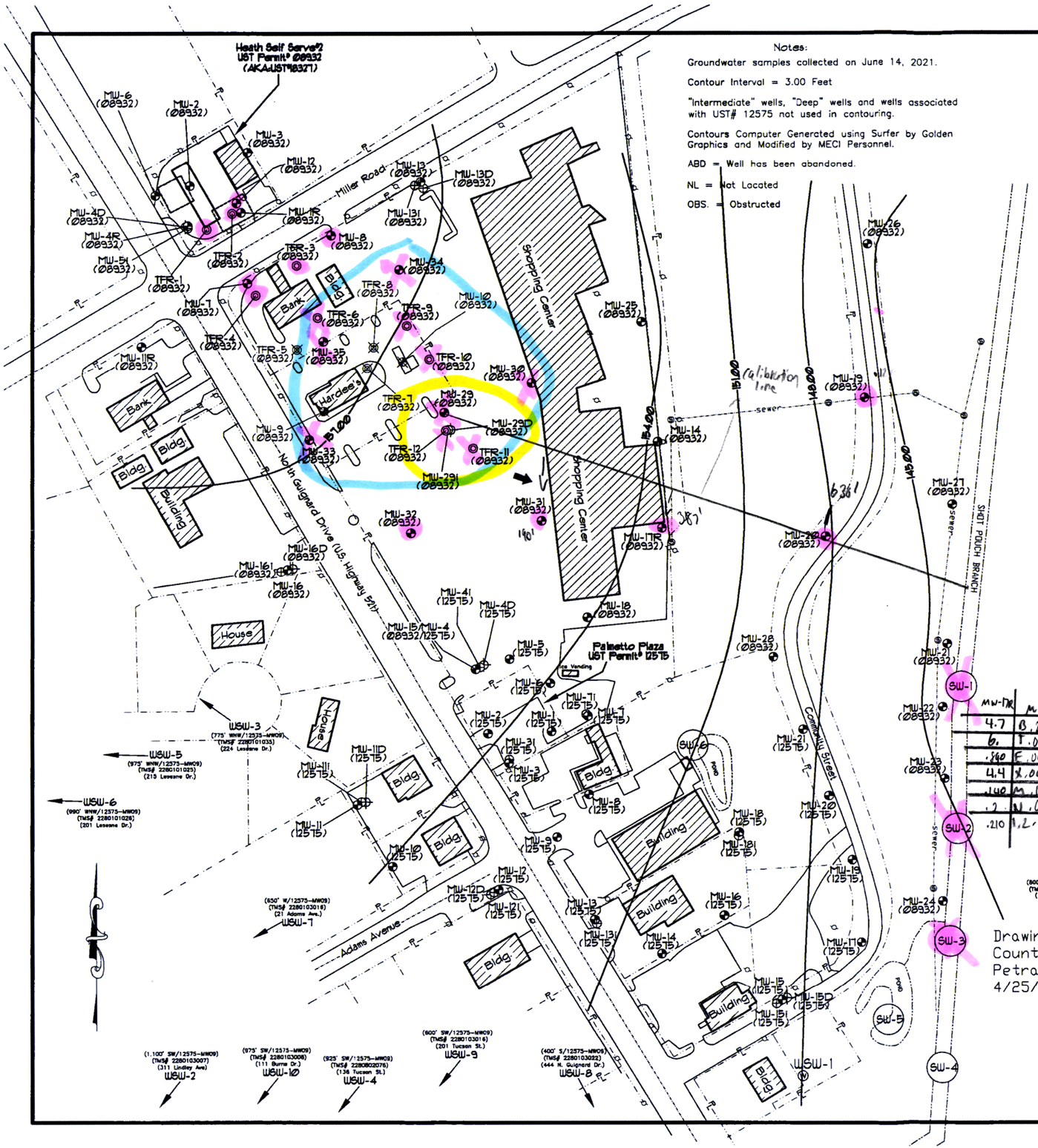
UST Permit # 08932
Site Name: HQ Heath Self Serve #2

SSTLs in mg/L		RBSLs (mg/L):		0.005	1.000	0.700	10.000	0.040	0.025	0.00005	0.005
MW #	x (ft)	y (ft)	z (ft)	Benzene SSTL	Toluene SSTL	Ethylbenzene SSTL	Xylenes SSTL	MtBE SSTL	Naphthalene SSTL	EDB SSTL	1,2-DCA SSTL
MW-1R	1260		0	72.144	>99999	1017.964	>99999	11.125	160.361	10989.32729	2.377
MW-2	1361.25	0	0	139.332	>99999	1634.936	>99999	15.644	290.175	46019.13315	3.489
MW-4R	1350	0	0	129.525	>99999	1551.311	>99999	15.065	271.709	39254.75042	3.344
MW-5I	1350	0	0	129.525	>99999	1551.311	>99999	15.065	271.709	39254.75042	3.344
MW-7	1237.5	0	0	62.302	>99999	915.858	>99999	10.309	140.503	7990.56983	2.181
MW-8	1125	0	0	29.846	>99999	538.520	>99999	7.027	72.362	1619.97423	1.417
MW-9	1091.25	0	0	23.912	>99999	458.796	>99999	6.258	59.247	1002.75142	1.244
MW-12	1282.5	0	0	83.528	>99999	1131.279	>99999	12.004	182.998	15111.13108	2.589
MW-16I	1136.25	0	0	32.132	>99999	568.006	>99999	7.303	77.343	1900.65642	1.480
MW-17R	517.5	0	0	0.495	2722.565	26.981	14038.568	0.782	1.773	0.25833	0.122
MW-19	202.5	0	0	0.046	33.688	4.457	259.963	0.195	0.202	0.00216	0.027
MW-20	22.5	0	0	0.007	1.545	0.899	15.015	0.050	0.033	0.00008	0.006
MW-30	562.5	0	0	0.678	4982.149	34.097	24252.012	0.931	2.362	0.49981	0.148
MW-32	933.75	0	0	8.442	>99999	215.782	>99999	3.619	23.147	106.21062	0.673
MW-33	1113.75	0	0	27.722	>99999	510.540	>99999	6.761	67.700	1380.67511	1.357
MW-34	1035	0	0	16.508	>99999	350.910	>99999	5.153	42.410	450.34710	1.000
MW-35	900	0	0	6.743	>99999	183.273	>99999	3.213	18.894	65.54163	0.589
TFR-1	1068.75	0	0	20.621	>99999	412.212	>99999	5.791	51.839	728.12417	1.140
TFR-2	1023.75	0	0	15.327	>99999	332.536	>99999	4.956	39.660	383.65923	0.957
TFR-3	922.5	0	0	7.833	>99999	204.366	>99999	3.479	21.634	90.43068	0.644
			λ (yr^{-1}):	0.693	1.507	0.420	0.835	0.347	0.219	1.925	0.396
			R:	1.110	1.181	1.239	1.869	1.015	3.098	1.038	1.024
			Pure Substance Solubility:	1750	526	169	175	5110	31	4321	8520
			Effective Solubility:	44.39	26.54	3.7	21.68	173	6.7	1.9	3.7

SSTLs t 1000 yrs

UST Permit # 08932
Site Name: HQ Heath Self Serve #2

SSTLs in mg/L			RBSLs (mg/L):	0.005	1.000	0.700	10.000	0.040	0.025	0.00005	0.005
MW #	x (ft)	y (ft)	z (ft)	Benzene	Toluene	Ethylbenzene	Xylenes	MtBE	Naphthalene	EDB	1,2-DCA
TFR-4	1001.25		0	13.209	>99999	298.570	>99999	4.583	34.678	278.39756	0.877
TFR-6	900	0	0	6.743	>99999	183.273	>99999	3.213	18.894	65.54163	0.589
TFR-9	753.75	0	0	2.524	63109.195	89.550	>99999	1.902	7.771	8.02247	0.328
TFR-10	731.25	0	0	2.167	46905.064	80.091	>99999	1.752	6.768	5.79880	0.299
TFR-11	663.75	0	0	1.367	19203.040	57.136	82114.659	1.366	4.459	2.18373	0.226
TFR-12	708.75	0	0	1.859	34845.775	71.599	>99999	1.614	5.892	4.18959	0.273
MW-29I	708.75	0	0	1.859	34845.775	71.599	>99999	1.614	5.892	4.18959	0.273
			λ (yr^{-1}):	0.693	1.507	0.420	0.835	0.347	0.219	1.925	0.396
			R:	1.110	1.181	1.239	1.869	1.015	3.098	1.038	1.024
			Pure Substance Solubility:	1750	526	169	175	5110	31	4321	8520
			Effective Solubility:	44.39	26.54	3.7	21.68	173	6.7	1.9	3.7


Heath Self Serve #2
UST Permit# 08932
(AKA-UST#16371)
Miller Road
Shopping Center
Bank
Hardee's
Bldg
Building
House
N. Guignard Drive (U.S. Highway 521)
Palmetto Plaza
UST Permit# 12515
Ice Vending
Shopping Center
Calibration Line
-1500
-1400
-1450
-1400
-1350
-1300
-1250
-1200
-1150
-1100
-1050
-1000
-950
-900
-850
-800
-750
-700
-650
-600
-550
-500
-450
-400
-350
-300
-250
-200
-150
-100
-50
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950

SSTLs t 1000 yrs

UST Permit # 08932
Site Name: HQ Heath Self Serve #2



SSTLs in mg/L			RBSLs (mg/L):	0.005	1.000	0.700	10.000	0.040	0.025	0.00005	0.005
MW #	x (ft)	y (ft)	z (ft)	Benzene SSTL	Toluene SSTL	Ethylbenzene SSTL	Xylenes SSTL	MtBE SSTL	Naphthalene SSTL	EDB SSTL	1,2-DCA SSTL
MW-31	692		0	1.659	27920.933	65.847	>99999	1.517	5.313	3.28811	0.255

dhec
Healthy People. Healthy Communities.

JUN 02 2022



COCO COLA BOTTLING CO CONSOLIDATED
PO BOX 31487
CHARLOTTE NC 28231

Re: **Site-Specific Work Plan Request for Groundwater Sampling**
H Q Heath Self Serve 2, 501 N Guignard Drive, Sumter, SC
UST Permit #08932
Release reported July 31, 1996
Monitoring Report received June 30, 2021
Sumter County

To Whom It May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and groundwater above Risk-Based Screening Levels.

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations R.61-92, implementation of groundwater sampling is necessary. The groundwater sampling must be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan, and all applicable regulations. The QAPP is available at scdhec.gov/Environment/Land-Waste/Underground-Storage-Tanks/Release-Assessment-Clean/Quality-Assurance.

Groundwater samples should be collected from all monitoring wells associated with this release along with all water supply wells and surface waters within a 1,000-foot radius of the site. Samples should be analyzed for BTEX, Naphthalene, MTBE, 1,2-DCA, the 8 oxygenates, and EDB. All wells should be purged prior to sampling. Please also repair all wells per your contractor's recommendations.

Your contractor must complete the SSWP and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from DHEC must be issued before work begins.**

On all correspondence concerning this site, please reference UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-7705, by fax at (803) 898-0673, or by email at wykeljm@dhec.sc.gov.

Sincerely,

Matt Wykel, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Midlands, PO Box 854, Lexington, SC 29071
Technical file

Midlands
Environmental
Consultants, Inc.

June 22, 2022

UST 129 DOCKETING

RECEIVED
JUN 24 2022
SC Department of
Health & Environmental Control

Ms. Matt Wykel, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Subject: Site-Specific Work Plan
HQ Heath Self Serve 2
Sumter, South Carolina
SCDHEC Site ID Number 08932
MECI Project Number 22-7889
Certified Site Rehabilitation Contractor UCC-0009

RECEIVED
JUN 24 2022
UST DIVISION

Dear Mr. Wykel,

Midlands Environmental Consultants Inc. (MECI) is pleased to submit the attached Site-Specific Work Plan for the referenced site.

On June 20, 2022, MECI personnel performed a site visit to the subject site to evaluate site conditions, locate monitoring wells and identify potential problems for future groundwater sampling activities.

Please feel free to contact us at 803-808-2043, if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.

Kyle V. Pudney
Project Biologist

Jeff L. Coleman
Senior Scientist

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

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

To: Mr. Matt Wykel (SCDHEC Project Manager)
From: Jeff L. Coleman (Contractor Project Manager)
Contractor: Midlands Environmental Consultants, Inc. UST Contractor Certification Number: 009

Facility Name: HQ Heath Self Serv 2 UST Permit #: 08932
Facility Address: 501 N Guignard Drive, Sumter, SC 29150
Responsible Party: Coca Cola Bottling Company Consolidated Phone: 704-557-4023
RP Address: 4115 Coca-Cola Plaza, Charlotte, NC 28211
Property Owner (if different): JJ & P Properties LLC
Property Owner Address: 206 Tucson Drive, Sumter, SC 29150
Current Use of Property: Active Station

Scope of Work (Please check all that apply)

- ☐ IGWA
- ☐ Tier I
- ☐ Tier II
- ☐ Monitoring Well Installation
- ☑ Groundwater Sampling
- ☑ Other Well Repair
- ☐ 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)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☑ EDB (504.1)

Soil:

- ☐ BTEXNM
- ☐ Lead
- ☐ RCRA Metals
- ☐ PAH
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☐ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

____ Soil	3 Water Supply Wells	____ Air	2 Field Blank
49 Monitoring Wells	6 Surface Water	4 Duplicate	4 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 #: 08932 Facility Name: HQ Heath Self Serv 2

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 6/22/2022 Field Work Completion: 7/22/2022

Report Submittal: 8/22/2022 # of Copies Provided to Property Owners: _____

Aquifer Characterization

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

Investigation Derived Waste Disposal

Soil: _____ Tons Purge Water: 700.0 Gallons

Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.

-During the initial site visit, monitoring wells MW-19, MW-21, MW-22, MW-23, MW-24, and MW-27 were unable to be located. MECI will send extra personnel in order to locate any existing wells.

-Only wells with screens that do not bracket the water table will be purged prior to sampling.

-MECI will attempt to sample three water supply wells (WSW-3, WSW-5, and WSW-6) and six surface water features (SW-1 through SW-6).

-Monitoring well and surface water samples collected will be analyzed for BTEXNM, 1-2 DCA, 8 Oxy's (8260D) & EDB (8011).

-Water supply well samples collected will be analyzed for BTEXNM, 1-2 DCA (524.2), 8 Oxy's (8260D), and EDB (504.1).

-MECI recommends fixing 9 wells labeled "TFR" and converting several wells to Stick-Up Vaults (MW-19, MW-21, MW-22, MW-23, MW-24, and MW-27)

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: _____

N/A Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

Name of Well Driller: _____

SCLLR Certification Number: _____

None 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

Healthy People. Healthy Communities.

ASSESSMENT COMPONENT COST AGREEMENT
SOUTH CAROLINA
Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
January 1, 2020

Facility Name: HQ Heath Self Serve

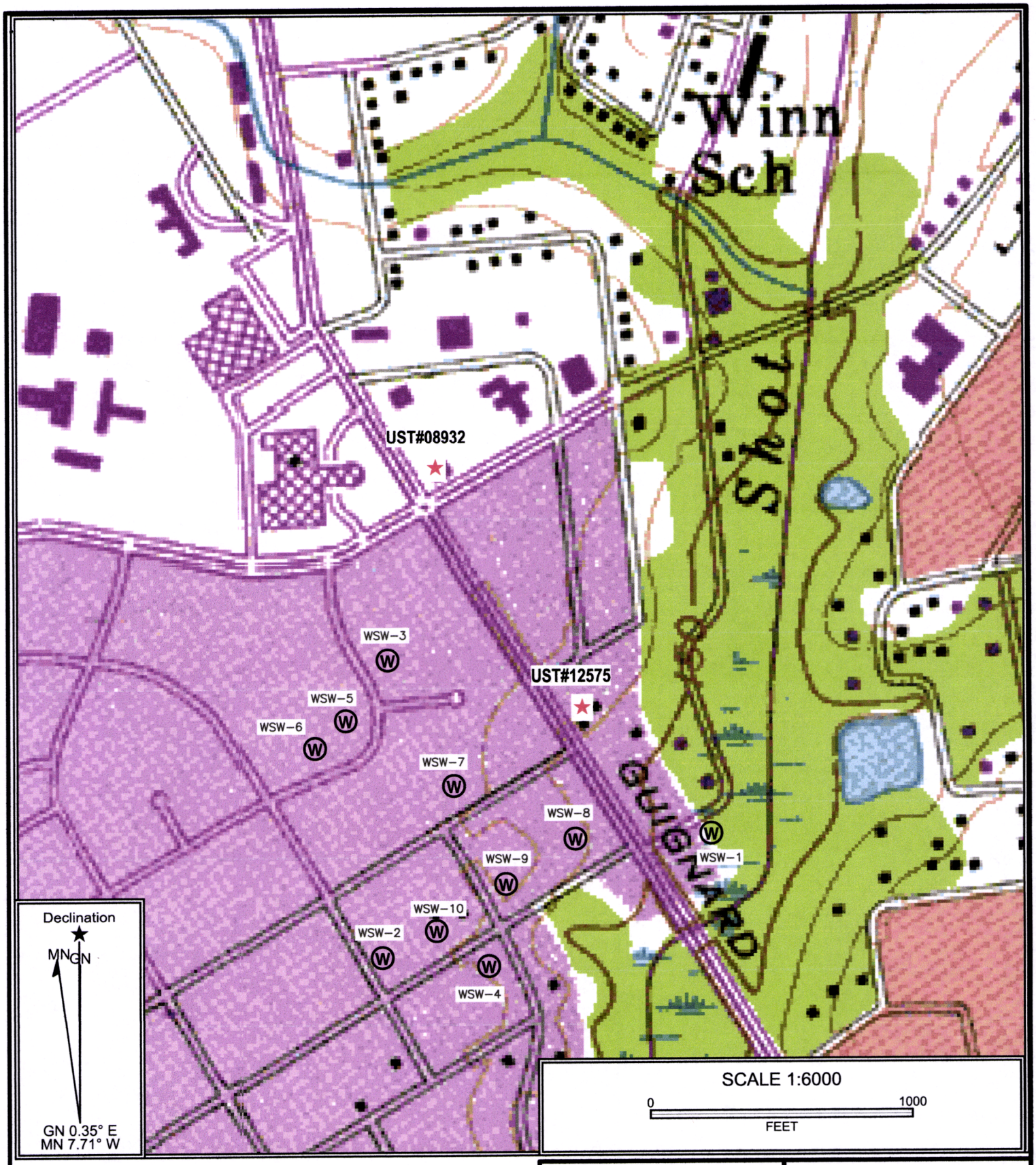
UST Permit #: 08932 **Cost Agreement #:** Proposal

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. **Plan Preparation**					
1. Site-specific Work Plan	1	each	$160.05		$160.05
2. Tax Map		each	$74.69		$0.00
3. Tier II or Comp. Plan /QAPP Appendix B		each	$250.00		$0.00
B. **Receptor Survey ***		each	$587.92		$0.00
C. **Survey (500 ft x 500 ft)**					
1. Comprehensive Survey		each	$1,109.68		$0.00
Subsurface Geophysical Survey					
2. < 10 meters below grade		each	$1,387.10		$0.00
3. > 10 meters below grade		each	$2,464.77		$0.00
4. Geophysical UST or Drum Survey		each	$970.97		$0.00
D. **Mob/Demob**					
1. Equipment	1	each	$1,088.34		$1,088.34
2. Personnel	4	each	$451.34		$1,805.36
3. Adverse Terrain Vehicle		each	$533.50		$0.00
E.. **Soil Borings (hand auger)***		foot	$5.34		$0.00
F. **Soil Borings (requiring equipment, push technology, etc) or Field Screening (including water ssample, soil sample, soil gas sample, etc.)***					
1. Standard		per foot	$16.01		$0.00
2. Fractured Rock		per foot	$21.55		$0.00
G. **Soil Leachability Model**		each	$64.02		$0.00
H. **Abandonment (per foot)***					
1. 2" diameter or less		per foot	$3.31		$0.00
2. Greater than 2" to 6" diameter		per foot	$4.80		$0.00
3. Dug/Bored well (up to 6 feet diameter)		per foot	$16.00		$0.00
I. **Well Installation (per foot)***					
1. Water Table (hand augered)		per foot	$11.31		$0.00
2. Water Table (drill rig) 2" Diameter		per foot	$40.55		$0.00
3. Telescoping		per foot	$53.35		$0.00
4. Rock Drilling		per foot	$61.89		$0.00
5. 2" Rock Coring		per foot	$32.97		$0.00
6. Rock Multi-sampling ports/screens		per foot	$35.64		$0.00
7. Recovery Well (4" diameter)		per foot	$48.02		$0.00
8. Pushed Pre-packed screen (1.25" dia)		per foot	$16.01		$0.00
9. Rotosonic (2" diameter)		per foot	$46.95		$0.00
10. Re-develop Existing Well		per foot	$11.74		$0.00
J. **Groundwater Sample Collection / Gauge Depth to Water or Product ***					
1. Groundwater Purge	10	per well	$64.02		$640.20
2. Air or Vapors		sample	$12.80		$0.00
3. Water Supply Sample or Duplicate	4	sample	$23.47		$93.88
4. Groundwater No Purge or Duplicate or Grab	48	sample	$29.88		$1,434.24
5. Gauge Well only		sample	$7.47		$0.00
6. Sample Below Product		sample	$12.80		$0.00
7. Passive Diffusion Bag		sample	$27.74		$0.00
8. Field Blank	3	sample	$26.25		$78.75
9. Groundwater (low flow purge)		sample	$97.10		$0.00
10. Equipment Blank		sample	$26.25		$0.00

K. Laboratory Analyses-Groundwater					
1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)	62	per sample	$130.17		$8,070.54
2. Lead, Filtered		per sample	$14.72		$0.00
3. Rush EPA Method 8260B		per sample	$163.89		$0.00
4. Trimethal, Butyl, and Isopropyl Benzenes		per sample	$29.88		$0.00
5. PAH's		per sample	$64.66		$0.00
6. Lead		per sample	$17.07		$0.00
7. EDB by EPA 8011	59	per sample	$48.23		$2,845.57
8. EDB by EPA Method 8011 Rush		per sample	$72.77		$0.00
9. 8 RCRA Metals		per sample	$67.65		$0.00
10. TPH (9070)		per sample	$43.75		$0.00
11. PH		per sample	$5.55		$0.00
12. BOD		per sample	$21.34		$0.00
13. Ethanol		per sample	$15.79		$0.00
K. Analyses-Drinking Water					
14. BTEXNM+1,2 DCA (524.2)	6	per sample	$132.36		$794.16
15. 7-OXYGENATES & ETHANOL (8260B)	6	per sample	$97.90		$587.40
16. EDB (504.1)	5	per sample	$84.83		$424.15
17. RCRA METALS (200.8)		per sample	$106.70		$0.00
K. **Analyses-Soil**					
18. BTEX + Naphth.		per sample	$68.29		$0.00
19. PAH's		per sample	$68.33		$0.00
20. 8 RCRA Metals		per sample	$60.18		$0.00
21. TPH-DRO (3550C/8015C)		per sample	$42.68		$0.00
22. TPH- GRO (5035B/8015C)		per sample	$38.37		$0.00
23. Grain size/hydrometer		per sample	$110.97		$0.00
24. Total Organic Carbon		per sample	$32.65		$0.00
K. **Analyses-Air**					
25. BTEX + Naphthalene		per sample	$230.47		$0.00
K. **Analyses-Free Phase Product**					
26. Hydrocarbon Fuel Identification		per sample	$380.92		$0.00
L. **Aquifer Characterization***					
1. Pumping Test		per hour	$24.54		$0.00
2. Slug Test		per test	$203.80		$0.00
3. Fractured Rock		per test	$106.70		$0.00
M. **Free Product Recovery Rate Test***		each	$40.55		$0.00
N. **Fate/Transport Modeling**					
1. Mathematical Model		each	$106.70		$0.00
2. Computer Model		each	$106.70		$0.00
O. **Risk Evaluation**					
1. Tier I Risk Evaluation		each	$320.10		$0.00
2. Tier II Risk Evaluation		each	$106.70		$0.00
P. **Subsequent Survey***	1	each	$260.00		$260.00
Q. **Disposal (gallons or tons)***					
1. Wastewater	700	gallon	$0.60		$420.00
2. Free Product		gallon	$0.53		$0.00
3. Soil Treatment/Disposal		ton	$64.02		$0.00
4. Drilling fluids		gallon	$0.45		$0.00
R. **Miscellaneous (attach receipts)**					
		each	$0.00		$0.00
		each	$0.00		$0.00
		each	$0.00		$0.00
T. **Tier I Assessment (Use DHEC 3665 form)**					
1. Southeast Region		standard	$11,026.00		$0.00
2. All Other Counties		standard	$12,093.00		$0.00
U. IGWA (Use DHEC 3666 form)					
1. Southeast Region		standard	$3,803.00		$0.00
2. All Other Counties		standard	$4,123.00		$0.00

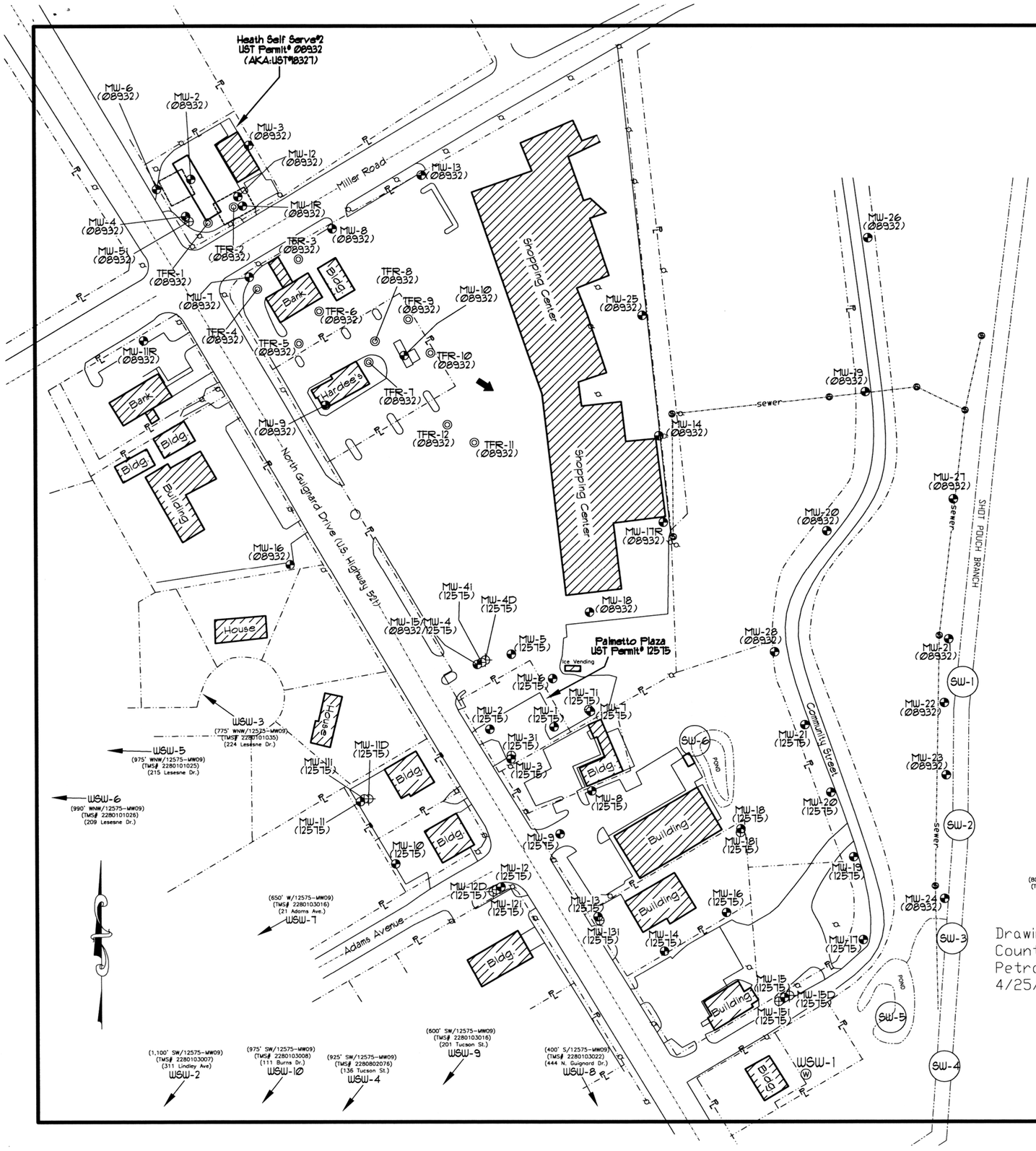
22. **Corrective Action (Use DHEC 3667 form)**		PFP Bid			$0.00
W. **Aggressive Fluid & Vapor Recovery (AFVR)**					
1. 8-hour Event*		per event	$1,467.13		$0.00
2. 24-hour Event*		per event	$4,081.28		$0.00
3. 48-hour Event*		per event	$6,706.10		$0.00
4. 96-hour Event*		per event	$13,409.52		$0.00
5. Off-gas Treatment 8 hour		per event	$130.71		$0.00
6. Off-gas Treatment 24 hour		per event	$257.68		$0.00
7. Off-gas Treatment 48 hour		per event	$348.91		$0.00
8. Off-gas Treatment 96 hour		per event	$832.26		$0.00
9. Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$430.00		$0.00
10. Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$500.00		$0.00
11. Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,000.00		$0.00
12. Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,000.00		$0.00
13. AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.50		$0.00
14. AFVR Site Reconnaissance		each	$216.87		$0.00
15. Additional Hook-ups		each	$27.48		$0.00
16. AFVR Effluent Disposal		gallon	$0.47		$0.00
17. AFVR Mobilization/Demobilization		each	$417.73		$0.00
X. **Granulated Activated Carbon (GAC) filter system installation & service:**					
1. New GAC System Installation*		each	$2,027.30		$0.00
2. Refurbished GAC Sys. Install*		each	$960.30		$0.00
3. Filter replacement/removal*		each	$373.45		$0.00
4. GAC System removal, cleaning, & refurbishment*		each	$293.43		$0.00
5. GAC System housing*		each	$266.75		$0.00
6. In-line particulate filter		each	$160.05		$0.00
7. Additional piping & fittings		foot	$1.60		$0.00
Y. **Well Repair**					
1. Additional Copies of the Report Delivered		each	$53.35		$0.00
2. Repair 2x2 MW pad*	9	each	$53.35		$480.15
3. Repair 4x4 MW pad*		each	$93.90		$0.00
4. Replace well vault*	9	each	$125.91		$1,133.19
5. Replace well cover bolts		each	$2.77		$0.00
6. Replace locking well cap & lock	9	each	$16.00		$144.00
7. Replace/Repair stick-up*		each	$142.98		$0.00
8. Convert Flush-mount to Stick-up*	6	each	$160.05		$960.30
9. Convert Stick-up to Flush-mount*		each	$138.71		$0.00
10. Replace missing/illegible well ID plate		each	$12.80		$0.00
S. Report Prep & Project Management	12%	percent	$21,420.28		$2,570.43
TOTAL					$23,990.71

DHEC D-4074 (1-2020) *The appropriate mobilization cost can be added to complete these tasks, as necessary



Reference: Sumter East, South Carolina
USGS 7.5 Min. Quad
Contour Interval – 10 Feet

Midlands Environmental Consultants, Inc.	Site Location
Heath Self Serve 2 501 North Guignard Drive, Sumter, SC SCDHEC Site ID# 08932	
Figure 1	MECI 22-7889



Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of Double Cased "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Water Supply Well
- (SW) Location of Surface Water Sample Collection
- Estimated Groundwater Flow Direction

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Site Base Map

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
SCDHEC Site ID 08932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889
DATE June 22, 2022
FIGURE 2

dhec
Healthy People. Healthy Communities.

JUL 14 2022



COCA COLA BOTTLING CO CONSOLIDATED
PO BOX 31487
CHARLOTTE NC 28231

Re: **Site Specific Work Plan Approval and Groundwater Sampling Notice to Proceed**
H Q Heath Self Serve 2, 501 N Guignard Dr., Sumter, SC
UST Permit #08932; CA #65757
Release #1 reported July 31, 1996
Site Specific Work Plan received June 24, 2022
Sumter County

To Whom It May Concern:

The Underground Storage Tank Management Division (UST Division) of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed 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.

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.

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. **The Monitoring Report, contractor checklist (QAPP Appendix K), and invoice should be submitted to the UST Division within sixty (60) days of the date of this correspondence.** If the invoice is not submitted within 120 days from the date of this letter, monies allocated to pay this invoice will be uncommitted. This means that the invoice will not be processed for payment until all other committed funds are paid or monies become available.

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 $430,280.53 has been expended from the SUPERB Account to date. This scope of work, as recommended by your contractor, is anticipated to cost approximately $23,990.71.

Please note that sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that the SUPERB Account cannot compensate any costs that are not pre-approved. If for any reason additional tasks will be completed, these additional tasks, and the associated cost, must be pre-approved by the UST Division for the cost to be paid. The UST Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the UST Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a DHEC-certified site rehabilitation contractor as required by the SUPERB Site Rehabilitation and Fund Access Regulation, R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis is below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below RBSLs.

On all correspondence regarding this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-7705, by fax at (803) 898-0673, or by email at wykeljm@dhec.sc.gov.

Sincerely,



Matt Wykel, Hydrogeologist
Corrective Action & Quality Assurance Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement

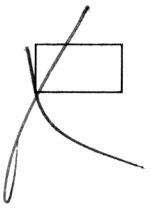
cc: Midlands, PO Box 854, Lexington, SC 29071 (w/ enc)
Technical file (w/ enc)

Approved Cost Agreement 65757

Facility: 08932 H Q HEATH SELF SERV 2
WYKELJM
PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
A PLAN PREPARATION						
		1	SITE SPECIFIC WORK PLAN	1.0000	$160.050	160.05
D MOB/DEMOB						
		1	EQUIPMENT	1.0000	$1,088.340	1,088.34
		2	PERSONNEL	4.0000	$451.340	1,805.36
J SAMPLE COLLECTION						
		1	GROUND WATER PURGE	10.0000	$64.020	640.20
		3	WATER SUPPLY SAMPLE/ DUPLICATE	4.0000	$23.470	93.88
		4	GROUNDWATER NO-PURGE/DUPL/GRAB	48.0000	$29.880	1,434.24
		8	FIELD BLANK	3.0000	$26.250	78.75
K ANALYSES						
	DW DRINKING WATER	14	BTEXNM+1,2 DCA (524.2) WSW	6.0000	$132.360	794.16
		15	OXYGENATES & ETHANOL 8260B WSW	6.0000	$97.900	587.40
		16	EDB (504.1) WSW	5.0000	$84.830	424.15
	GW GROUNDWATER	1	BTEXNM+OXYGS+1,2-DCA+ETH-8260B	62.0000	$130.170	8,070.54
		7	EDB BY EPA 8011	59.0000	$48.230	2,845.57
P SUBSEQUENT SURVEY						
		1	SUBSEQUENT SURVEY	1.0000	$260.000	260.00
Q DISPOSAL						
		1	WASTEWATER	700.0000	$0.600	420.00
S REPORT PROJECT MANAGEMENT						
		S	REPORT PREP & PROJ. MANAGEMENT	0.1200	$21,420.280	2,570.43
Y WELL REPAIR						
		2	REPAIR 2X2 MONITORING WELL PAD	9.0000	$53.350	480.15
		4	REPLACE WELL VAULT	9.0000	$125.910	1,133.19
		6	REPLACE LOCKING WELL CAP & LOC	9.0000	$16.000	144.00
		8	CONVERT FLUSH-MOUNT TO STICKUP	6.0000	$160.050	960.30
				Total Amount		23,990.71

Document Receipt Information



Hard Copy ■ CD

Date Received 8-29-22

Permit Number 08932

Project Manager Matt Wykel

Name of Contractor MEC-T

Docket Title GWS / Chemical Analysis

Document Number 131 Tech

Scanned _____

REPORT OF GROUNDWATER SAMPLING & CHEMICAL ANALYSES

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932
CA # 65757

Prepared By:

Midlands Environmental Consultants, Inc.
231 Dooley Road, Lexington, SC 29073
(803) 808-2043 fax: 808-2048

August 16, 2022

MECI Project No. 22-7889

Midlands Environmental Consultants, Inc.

August 16, 2022

Mr. Matt Wykel, Hydrogeologist
Corrective Action Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Subject: Report of Groundwater Sampling & Chemical Analyses
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932, CA# 65757
MECI Project Number 22-7889
Certified Site Rehabilitation Contractor UCC-0009

Dear Mr. Wykel,

On behalf of Coca Cola Bottling Company Consolidated, Midlands Environmental Consultants Inc. (MECI) is pleased to submit the attached Report of Groundwater Sampling & Chemical Analyses for the referenced site. This report describes assessment activities conducted at the site and results of those activities in general accordance with South Carolina Department of Health and Environmental Control (SCDHEC) guidelines, including adherence to the UST Division Programmatic Quality Assurance Program Plan (QAPP).

Midlands Environmental appreciates the opportunity to offer our professional environmental services to you on this project. Please feel free to contact us at 803-808-2043 if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.

Jeff L. Coleman
Senior Scientist

SOUTH CAROLINA REGISTERED PROFESSIONAL GEOLOGIST No. 1102 BRYAN T. SHANE

Bryan T. Shane, P.G.
Principal Geologist

Post Office Box 854, Lexington, SC 29071 • 231 Dooley Road, Lexington, SC 29073
Telephone: (803) 808-2043 • Fax: (803) 808-2048

TABLE OF CONTENTS

1.0 INTRODUCTION **1**

1.1 PROJECT INFORMATION 1

2.0 SURROUNDING PROPERTY USAGE **3**

3.0 AREA GEOLOGY AND HYDROGEOLOGY **4**

3.1 LOCAL SUBSURFACE CONDITIONS 5

4.0 FIELD EXPLORATION **5**

4.1 SAMPLING AND CHEMICAL ANALYSES 5

4.2 MONITORING WELL REPAIR 8

5.0 TEST RESULTS AND EVALUATION **9**

5.1 ANALYTICAL RESULTS 9

6.0 ASSESSMENT SUMMARY & RECOMMENDATIONS **10**

7.0 QUALIFICATIONS OF REPORT **11**

TABLE OF CONTENTS (cont.)

TABLES:
Table 1 – GROUNDWATER ANALYTICAL COC CONCENTRATION DATA
Table 2 – POTENTIOMETRIC DATA
**Table 3 – SOIL ANALYTICAL COC CONCENTRATION DATA
**Table 4 – AQUIFER CHARACTERISTICS
**Table 5 – SITE CONCEPTUAL MODEL

FIGURES:
Figure 1 – TOPOGRAPHIC MAP
Figure 2 – SITE BASE MAP
**Figure 3 – SOIL COC SITE MAP
Figure 4 – GROUNDWATER COC SITE MAP (Benzene Isopleth)
Figure 4A – GROUNDWATER COC SITE MAP (Toluene Isopleth)
Figure 4B – GROUNDWATER COC SITE MAP (Ethylbenzene Isopleth)
Figure 4C – GROUNDWATER COC SITE MAP (Total Xylenes Isopleth)
Figure 4D – GROUNDWATER COC SITE MAP (EDB Isopleth)
Figure 4E – GROUNDWATER COC SITE MAP (Oxygenates)
Figure 5 – POTENTIOMETRIC DATA SITE MAP (Groundwater Contour- "Shallow" Zone)
Figure 5A – POTENTIOMETRIC DATA SITE MAP (Groundwater Contour- "Deep" Zone)
**Figure 6 – GEOLOGIC CROSS SECTIONS

**APPENDIX A – SITE SURVEY
APPENDIX B – SAMPLING LOGS, LABORATORY DATA SHEETS AND CHAIN OF CUSTODY FORMS
**APPENDIX C – TAX MAP DATA
**APPENDIX D – SOIL BORING/FIELD SCREENING LOGS & 1903 FORMS
**APPENDIX E – WELL LOGS & 1903 FORMS
**APPENDIX F – AQUIFER EVALUATION SUMMARY FORMS, DATA, GRAPHS, EQUATIONS
APPENDIX G – DISPOSAL MANIFESTS
**APPENDIX H – LOCAL ZONING REGULATIONS
**APPENDIX I – FATE & TRANSPORT MODELING
**APPENDIX J – ACCESS AGREEMENTS
APPENDIX K – DATA VERIFICATION CHECKLIST

NOTE: ITEMS LISTED WITH AN ** BESIDE IT WERE NOT NEEDED AS A PART OF THIS SCOPE OF WORK

1.0 INTRODUCTION

A. **Owner/Operator Information**

Facility Name:	HQ Heath Self Serve #2	UST Permit #:	08932
Facility Address:	100 Lafayette Drive, Sumter, South Carolina		
Name:	Coca-Cola Bottling Company Consolidated		
Address:	4115 Coca-Cola Plaza, Charlotte, NC 28211		
Telephone #:	(404) 386-8544 (Ms. Ana Fernandez)		

B. **Property Owner Information**

Name	JJ & P Properties, LLC.
Tax Map #:	Sumter County Tax Map #: 2291603037
Address	206 Tucson Drive, Sumter, SC 29150
Telephone #	Contact: (803) 934-6750 (Mr. John M. Sutton, Jr.)

C. **Contractor Information**

Name:	Midlands Environmental Consultants, Inc.
Certification #:	009
Address:	P.O. Box 854, Lexington, SC 29071
Telephone #:	(803) 808-2043

D. **SCDHEC Certified Well Driller**

Name:	Environmental Drilling and Probing Services, LLC.
Driller:	Mr. Jared Pawless
Certification #:	D 2100
Address:	17538 Greenhill Road, Charlotte, NC 28278
Telephone #:	(704) 607-7529

E. **SCDHEC Certified Laboratory**

Name:	Eurofins TestAmerica-Savannah
Certification #:	98001
Address:	5102 LaRoche Avenue, Savannah, GA 31404
Telephone #:	(912) 354-7858

1.1 PROJECT INFORMATION

The subject site (HQ Heath Self Serve #2) is located at the intersection of 501 North Guignard Drive in Sumter, Sumter County, South Carolina (See Figure 1). The site is currently operated by an active gasoline service station (Corner Pantry 137/UST# 18327) which operates four active underground storage tanks (UST's). The following table presents Underground Storage Tanks (UST's) which are associated with UST # 08932:

Tank #	Capacity/Product	In Use/Abandoned	Tank Status
1	10,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)
2	6,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)
3	3,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)
4	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
5	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
6	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
7	3,000 Gal. Gasoline	Abandoned	Removed (Unknown)
8	3,000 Gal. Multi-Hydrocarbons	Abandoned	Removed (Unknown)
9	3,000 Gal. Gasoline	Abandoned	Removed (5/11/1999)

Tank #	Capacity/Product	In Use/Abandoned	Tank Status
10	1,000 Gal. Naphtha/Mineral Spirits/Stoddard	Abandoned	Pre-1974 & Empty
11	550 Gal. Waste Oil	Abandoned	Removed (5/11/1999)

Two separate releases of petroleum product have been reported to the South Carolina Department of Health and Environmental Control (SCDHEC). Release #1 was reported in July of 1996 and confirmed in August of 1996. Release #2 was reported and confirmed in October of 1999. Release #2 was issued "no further action" status in December of 1999. Release #1 remains active and has been ranked a Class 2BB, due to the presence of a water supply wells being located less than 1,000 feet from the site.

The following table presents previous site activities performed at the site:

Date	Assessment Type	Notes:
May, 1998	Initial Groundwater Assessment (IGWA)	Completed by Kleen Sites Geoservices (KSG) of West Columbia, SC. This assessment included the installation of one groundwater monitoring well (MW-1) and collection of soil and groundwater samples. Analytical results from both the soil and groundwater collected from MW-1 indicated petroleum impact above risk-based screening levels (RBSL's).
December, 1998	Standard Limited Assessment (Tier I)	A Standard Limited Assessment (SLA) was performed at the site by KSG and included the installation of three additional groundwater monitoring wells (MW-2, MW-3, MW-4). Based on the results of the SLA, SCDHEC directed a Rapid Assessment be performed to define the horizontal and vertically extent of the contaminant plume.
November, 1999	Initial Rapid Assessment (Tier II)	An initial Rapid Assessment was completed by KSG in November of 1999 and included the installation of twelve additional monitoring wells (MW-5i, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15 and MW-16).
December, 2000	Rapid Assessment Addendum #1	To better define the vertical extent of the contaminant plume an addendum to the Rapid Assessment report was submitted to SCDHEC in December of 2000 outlining the installation of four additional groundwater monitoring wells (MW-17, MW-18, MW-19 and MW-20).
September, 2001	Rapid Assessment Addendum #2	In September of 2001, a secondary addendum to the Rapid Assessment was completed by KSG. The secondary addendum report outlined additional field screening conducted at the site and the installation of four additional monitoring wells (MW-21, MW-22, MW-23 and MW-24).
July, 2003	Rapid Assessment Addendum #3	In July of 2003, a third and final addendum to the Rapid Assessment was completed by Emerald, Inc. This final addendum report outlined additional field screening conducted at the site and the installation of three additional monitoring wells (MW-25, MW-26 and MW-27).
2004-2009	Active Corrective Action	From 2004 to 2009, remediation efforts were conducted at the site by Consultech Environmental, LLC. Remediation efforts appear to have included the installation of twelve groundwater recovery wells (TFR-1, TFR-2, TFR-3, TFR-4, TFR-5, TFR-6, TFR-7, TFR-8, TFR-9, TFR-10, TFR-11 and TFR-12) and pump and treat techniques. Remediation efforts failed to clean the site to Site Specific Target Levels (SSTL's) and remediation efforts appear to have halted in 2009.

Date	Assessment Type	Notes:
April, 2010	Monitoring Well Installation	In April of 2010, MECI submitted an additional assessment report to SCDHEC outlining the installation of four groundwater monitoring wells (MW-1R, MW-11R, MW-17R and MW-28).
August, 2011	Monitoring Well Abandonment	Due to redevelopment of a Hardee's Restaurant located within the contaminant plume emanating from the subject site, wells MW-9, MW-10, TFR-5, TFR-7 and TFR-8 were abandoned in August of 2011.
April, 2011	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
August, 2013	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
January, 2015	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
February, 2016	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
June, 2018	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
February, 2020	Monitoring Well Installation	In February of 2020, MECI submitted an additional assessment report to SCDHEC outlining the installation of four groundwater monitoring wells (MW-4R, MW-4D, MW-13i, MW-13D, MW-16i, MW-16D, MW-29, MW-29i, MW-29D, MW-30, MW-31, MW-32, MW-33, MW-34, MW-35). In addition to the well installation, a comprehensive groundwater sampling event was also completed.
October, 2020	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
March, 2021	96-Hour AFVR Event	MECI completed a 96-Hour AFVR event on MW-29 & TFR-12.
June, 2021	Groundwater Sampling Event (GWS)	MECI completed a groundwater sampling event at subject site.
In addition to the above referenced groundwater sampling events, numerous Aggressive Fluid and Vapor Recovery (AFVR) events have been performed at the site in order to remove free phase petroleum product.		

The above project information is based on MECI field notes and SCDHEC files. Further information pertaining to the site may be accessed through SCDHEC's Freedom of Information Office.

2.0 SURROUNDING PROPERTY USAGE

The site is located in a commercial area within the city limits of Sumter, South Carolina. North Guignard Drive (U.S. Highway 521) forms the western property boundary, beyond which is Central Carolina Technical College. Miller Road forms the southern property boundary beyond which is a bank, Hardee's Restaurant and Palmetto Plaza. It should be noted that a release of petroleum product has been reported to SCDHEC from the Palmetto Plaza property under UST# 12575. East of the site a church and north of the site are commercial properties.

Potential receptors surrounding the site include; ten water supply wells and two surface water locales. The following matrix contains well status, owner(s), and tax map identification numbers:

ID#	Well Owner	Sumter County Tax Map Number:	Address:
WSW-1	Lyde & Bertha McCaskill	2280104003	433 N. Guignard Drive
WSW-2	Lee & Patricia Holloway	2280103007	311 Lindley Avenue
WSW-3	Betty Elmore	2280101035	224 Lesesne Drive

WSW-4	William & Erline Cromer	2280802076	136 Tucson Street
WSW-5	Carolyn Elliott	2280101025	215 Lesesne Drive
WSW-6	Ronal & Sonia Spivey	2280101020	201 Lesesne Drive
WSW-7	Marilyn Weathersbee	2280103016	21 Adams Avenue
WSW-8	C&M Properties	2280103022	444 N. Guignard Drive
WSW-9	Eliza Lewis	2280103016	201 Tucson Street
WSW-10	Elijah & Essine Johnson	2280103008	111 Burns Drive
Stream	N/A	Shot Pouch Branch	See Map
Pond	David & Leanne Lovice	2280201008	14 Crowson Street

3.0 AREA GEOLOGY AND HYDROGEOLOGY

The mean elevation of the property as depicted on the local USGS quadrangle (Sumter East, SC) appears to be between 180 feet above sea level. The site is located in the Coastal Plain Physiographic Province, which is generally comprised of Upper Cretaceous to present aged, wedge-shaped formations that begin at the "Fall Line" and dip towards the Atlantic Ocean with ground surface elevations typically less than 300 feet. The sedimentary soils of these formations consist of unconsolidated sand, clay, gravel, marl, cemented sands, and limestone that were deposited unconformably over Mesozoic/Paleozoic age basement rock consisting of granite, schist, and gneiss similar to the rocks of the Piedmont Physiographic Province. The thickness of the Coastal Plain sediments varies from zero at the "Fall Line" to more than 4,000 feet at the southern tip of South Carolina near Hilton Head Island.

The Coastal Plain province was formed during Quaternary, Tertiary, and late Cretaceous geologic periods and can be divided generally into three subunits: Upper Coastal Plain, Middle Coastal Plain, and Lower Coastal Plain. The Lower Coastal Plain comprises approximately one-half of the entire Atlantic Coastal Plain of South Carolina and is separated from the middle coastal plain by the Surry Scarp, a seaward facing scarp with a toe elevation of 90 to 100 feet. The Middle Coastal Plain and the Upper Coastal Plain each compose approximately one fourth of the Coastal Plain area and are separated by the Orangeburg Scarp, a seaward facing scarp with a toe elevation of 250 to 270 feet.

The Lower Coastal Plain is typically identified as the area east of the Surry Scarp below elevation 100 feet, with a vertical stratigraphic sequence overlying the basement rock consisting of unconsolidated Cretaceous, Tertiary, and Quaternary sedimentary deposits. The surface deposits of the Lower Coastal Plain were formed during the Quaternary period which was characterized by the formation of the Carolina Bays and scarps throughout the east coast due to sea level rise and fall, the formation of the barrier islands, and the formation of flood plains from major rivers. Preceding the Quaternary period, limestone was deposited in the Lower Coastal Plain.

The Middle Coastal Plain is typically identified as the area between the Orangeburg Scarp and the Surry Scarp and falls between elevation 100 feet and 270 feet. The vertical stratigraphic sequence overlying the basement rock consists of unconsolidated Cretaceous and Tertiary sedimentary deposits formed as a result of scouring from the regressive cycles of the Ocean as it retreated. During the Eocene epoch of the Tertiary period, limestone was deposited in the Middle Coastal Plain.

The Upper Coastal Plain is typically identified as the area between the "Fall Line" and the Orangeburg Scarp and falls between elevations 270 feet and 300 feet. The Upper Coastal Plain was formed during the Tertiary and late Cretaceous periods and is marked by the formation of the

Sandhills dunes as a result of fluvial deposits over the Coastal Plain consisting of marine sediments, limestone, and sand.

3.1 LOCAL SUBSURFACE CONDITIONS

The subject site is located in the Middle Coastal Plain. According to Newell et al. (In Review), the site is located within the Duplin Formation, a Pliocene aged unit. The Duplin Formation is characterized as a secondary unit consisting of sands, sandy and silty clays and very shelly sands which frequently overlie a phosphatic basal conglomerate.

Coastal plain sediments were encountered during drilling activities conducted at the site. A generalized vertical profile to the investigated depth of 60' feet below ground surface (BGS) is as follows:

Depth (Feet BGS)	Generalized Soil Description
0.0'-15.0'	Brown/Red, Silty Fine SAND
15.0'-25.0'	Brown, Fine to Medium SAND
25.0'-50.0'	Tan, Silty Fine SAND
50.0'-55.0'	Tan, Medium to Coarse SANDS
55.0'-60.0'	Blue, Fine Sandy SILT

On July 26-27, 2022, stabilized groundwater levels were measured in the monitoring wells. Depth to groundwater ranged from 5.69 to 20.12 feet below top of casing in the wells measured. The groundwater measurements are summarized in tabular form in Table 2 and on Figure 5/5A. Groundwater levels may fluctuate several feet with seasonal and rainfall variations and with change in the water level of adjacent drainage features. Normally, the highest groundwater levels occur in late winter and spring. The lowest levels occur in late summer and fall.

Locally, in the surficial aquifer, groundwater discharges into streams, lakes or springs where the groundwater table intersects lows occupied by these water bodies. The apparent direction (based on hydraulic gradient) of groundwater flow from the release is to southeast toward the Shot Pouch Branch.

4.0 FIELD EXPLORATION

Field exploration conducted at the site included:

- sampling of the monitoring well network and nearby receptors;
- chemical analyses of water samples;
- repair of several monitoring wells; and,
- a subsequent survey.

4.1 SAMPLING AND CHEMICAL ANALYSES

On July 26-27, 2021, MECI personnel collected groundwater samples from forty-six (46) monitoring wells, six (6) surface water locations and three (3) water supply wells at the subject site. One (1) monitoring well (MW-6) was gauged and found to dry and obstructed. As discussed in section 1.1, monitoring wells MW-9, MW-10, TFR-5, TFR-7 and TFR-8 have been previously abandoned at the site. In addition, monitoring wells MW-21 and MW-24 were unable to be located during sampling

activities. As directed by SCDHEC, only monitoring wells which did not bracket the watertable were to be purged prior to sample collection. Sixteen (16) monitoring wells were purged prior to sampling.

Prior to sampling, MECI personnel utilized an electronic water level indicator for water level measurements and an oil/water interface probe for free phase petroleum product level measurements. Where applicable, purging was completed by bailing at least five well volumes of water from the well, or until all water was evacuated from the well, whichever occurred first. Sampling/purging was completed utilizing a prepackaged, clear, disposable polyethylene bailer and nylon rope. A new set of nitrile gloves were worn at each monitoring well, and at all time samples were handled. Field measurements of pH, conductivity, dissolved oxygen, and water temperature were obtained before well sampling process. MECI utilized YSIPro20 meter for DO (mg/L) and temperature readings (°C) and YSI Pro 1030 meters for pH and conductivity (uS) readings and a MicroTPI turbidimeter for turbidity readings (NTU). The attached Field Data Information Sheets presents the results of the field measurements obtained. The wells were sampled in accordance with the most recent revision of SCDHEC's Quality Assurance Program Plan for the Underground Storage Tank Management Division and the most recent revision of MECI's Standard Operating Procedures.

Groundwater samples obtained were sent to Pace Analytical Services, Inc. of Huntersville, NC (SCDHEC Laboratory Certification #99006001) for analysis.

The following sampling matrix contains well development and requested analyses for each well:

Sample ID	Purge	No Purge	Gauge Only	Abandoned	Not Sampled	Not Located	BTEX, Naphthalene, MTBE (EPA Method 8260-D)	EDB (EPA Method 8011)	1,2 DCA (EPA Method 8260-D)	8 Oxygenates (EPA Method 8260-D)	Total Lead (EPA Method 6010)	BTEX, Naphthalene, MTBE, 1,2 DCA (EPA Method 524.2)	EDB (EPA Method 504.1)
							Analyte Sampled						
MW-1R		X					X	X	X	X			
MW-2		X					X	X	X	X			
MW-3		X					X	X	X	X			
MW-4R		X					X	X	X	X			
MW-4D	X						X	X	X	X			
MW-5i	X						X	X	X	X			
MW-6		X					X	X	X	X			
MW-7		X					X	X	X	X			
MW-8		X					X	X	X	X			
MW-9				X									
MW-10				X									
MW-11R		X					X	X	X	X			
MW-12		X					X	X	X	X			
MW-13		X					X	X	X	X			
MW-13i	X						X	X	X	X			
MW-13D	X						X	X	X	X			
MW-14		X					X	X	X	X			
MW-15		X					X	X	X	X			
MW-16		X					X	X	X	X			
MW-16i	X						X	X	X	X			
MW-16D	X						X	X	X	X			

Notes: BTEX = Benzene, Toluene, Ethylbenzene, & Total Xylenes
MTBE=Methyl tertiary butyl ether
1,2 DCA = 1,2 Dicloroethane
EDB = Ethylene Dibromide

Sample ID	Purge	No Purge	Gauge Only	Abandoned	Not Sampled	Not Located	BTEX, Naphthalene, MTBE (EPA Method 8260-D)	EDB (EPA Method 8011)	1,2 DCA (EPA Method 8260-D)	8 Oxygenates (EPA Method 8260-D)	Total Lead (EPA Method 6010)	BTEX, Naphthalene, MTBE, 1,2 DCA (EPA Method 524.2)	EDB (EPA Method 504.1)
							Analyte Sampled						
MW-17R		X					X	X	X	X			
MW-18		X					X	X	X	X			
MW-19		X					X	X	X	X			
MW-20		X					X	X	X	X			
MW-21						X							
MW-22		X					X	X	X	X			
MW-23		X					X	X	X	X			
MW-24						X							
MW-25		X					X	X	X	X			
MW-26		X					X	X	X	X			
MW-27		X					X	X	X	X			
MW-28		X					X	X	X	X			
MW-29		X					X	X	X	X			
MW-29i	X						X	X	X	X			
MW-29D	X						X	X	X	X			
MW-30		X					X	X	X	X			
MW-31		X					X	X	X	X			
MW-32		X					X	X	X	X			
MW-33		X					X	X	X	X			
MW-34		X					X	X	X	X			
MW-35		X					X	X	X	X			
TFR-1	X						X	X	X	X			
TFR-2	X						X	X	X	X			
TFR-3	X						X	X	X	X			
TFR-4	X						X	X	X	X			
TFR-5				X									
TFR-6	X						X	X	X	X			
TFR-7				X									
TFR-8				X									
TFR-9	X						X	X	X	X			
TFR-10	X						X	X	X	X			
TFR-11	X						X	X	X	X			
TFR-12		X					X	X	X	X			
SW-1		X					X	X	X	X			
SW-2		X					X	X	X	X			
SW-3		X					X	X	X	X			
SW-4		X					X	X	X	X			
SW-5		X					X	X	X	X			
SW-6		X					X	X	X	X			
DUP-1(TFR-4)		X					X	X	X	X			
DUP-2(TFR-10)		X					X	X	X	X			
DUP-3(MW-8)		X					X	X	X	X			
Field Blank 1							X	X	X	X			
Field Blank 2							X	X	X	X			
Trip Blank 1							X		X	X			

Notes: BTEX = Benzene, Toluene, Ethylbenzene, & Total Xylenes
MTBE=Methyl tertiary butyl ether
1,2 DCA = 1,2 Dichloroethane
EDB = Ethylene Dibromide

Sample ID	Purge	No Purge	Gauge Only	Abandoned	Not Sampled	Not Located	BTEX, Naphthalene, MTBE (EPA Method 8260-D)	EDB (EPA Method 8011)	1,2 DCA (EPA Method 8260-D)	8 Oxygenates (EPA Method 8260-D)	Total Lead (EPA Method 6010)	BTEX, Naphthalene, MTBE, 1,2 DCA (EPA Method 524.2)	EDB (EPA Method 504.1)
							Analyte Sampled						
Trip Blank 2							X		X	X			
WSW-3										X		X	X
WSW-5										X		X	X
WSW-6										X		X	X
DUP. (WSW-3)		X								X		X	X
Field Blank										X		X	X
Trip Blank										X		X	

Notes: BTEX = Benzene, Toluene, Ethylbenzene, & Total Xylenes
MTBE=Methyl tertiary butyl ether
1,2 DCA = 1,2 Dichloroethane
EDB = Ethylene Dibromide

Purge water produced by the purging process was treated on-site utilizing a granular activated carbon unit. A total of 431.00 gallons of purge water was disposed of in this manner. A disposal manifest for the referenced purge water is presented in Appendix G.

The results of the laboratory analyses are summarized in Table 1 and presented in Appendix B.

4.2 MONITORING WELL REPAIR

On July 25, 2022, repairs were made to fourteen monitoring wells at the site. Repairs were made by Environmental Drilling and Probing Services, LLC. of Charlotte, North Carolina, (S.C. Driller Certification: Jared Pawless # B02100). The following table contains repair activities performed at the site:

Well ID#	Repairs Made
MW-19	Converted monitoring well from flush mount well vault to stick-up well vault, replaced well tag
MW-22	Converted monitoring well from flush mount well vault to stick-up well vault, replaced well tag
MW-23	Converted monitoring well from flush mount well vault to stick-up well vault, replaced well tag
MW-26	Converted monitoring well from flush mount well vault to stick-up well vault, replaced well tag
MW-27	Converted monitoring well from flush mount well vault to stick-up well vault, replaced well tag
TFR-1	Replaced well vault and well pad, replaced well tag
TFR-2	Replaced well vault and well pad, replaced well tag
TFR-3	Replaced well vault and well pad, replaced well tag
TFR-4	Replaced well vault and well pad, replaced well tag
TFR-6	Replaced well vault and well pad, replaced well tag
TFR-9	Replaced well vault and well pad, replaced well tag
TFR-10	Replaced well vault and well pad, replaced well tag, added coupling to top of casing
TFR-11	Replaced well vault and well pad, replaced well tag
TFR-12	Replaced well vault and well pad, replaced well tag

4.3 SITE SURVEY

On August 11, 2022, a subsequent survey was conducted by MECI personnel, utilizing a fiberglass rod, level, and tape to determine the horizontal and vertical position of several of the recently repaired monitoring wells. A top of casing (TOC) elevation of 153.24' for MW-20, a TOC elevation of 153.73', a TOC of 168.71' for TFR-11 and a TOC elevation of 169.21' for TFR-12 were used as

benchmarks for surveying purposes. Elevations were based on historical surveyed elevations from UST Permit# 08932.

The following table presents site survey results:

Well Number	Top of Casing (TOC) Elevation
MW-19	153.52’
MW-22	149.81’
MW-23	148.33’
MW-26	154.68’
MW-27	150.28’
TFR-10	169.85’

5.0 TEST RESULTS AND EVALUATION

The following sections discuss groundwater test results for the subject site.

5.1 ANALYTICAL RESULTS

As discussed in Section 4.1, groundwater samples obtained from the monitoring wells during the July 26-27, 2022 comprehensive groundwater sampling event were analyzed for dissolved phase petroleum constituents. There was no product detected in the monitoring wells at the subject site. The analytical results indicate petroleum impact to the surficial aquifer, with the highest dissolved concentrations being detected in the areas of MW-33 and TFR-11. Of the fifty-five sampling points analyzed, twenty-six monitoring wells (MW-1R, MW-2, MW-4R, MW-7, MW-8, MW-12, MW-17R, MW-19, MW-20, MW-29, MW-29i, MW-30, MW-31, MW-32, MW-33, MW-34, MW-35, TFR-1, TFR-2, TFR-3, TFR-4, TFR-6, TFR-9, TFR-10, TFR-11 and TFR-12) detected petroleum constituents above Risked Based Screening Levels (RBSL’s). Petroleum constituents detected above the established RBSL include:

Compound	***RBSL (ug/l)***	***Wells Above RBSL***
Product	0.01’	N/A
Benzene	5	MW1R, MW2, MW4R, MW7, MW8, MW12, MW17R, MW-19, MW20, MW29, MW30, MW31, MW32, MW33, MW34, MW35, TFR1, TFR2, TFR3, TFR4, TFR6, TFR9, TFR-10, TFR11 & TFR-12
Toluene	1,000	MW1R, MW4R, MW7, MW8, MW12, MW29, MW30, MW31, MW32, MW33, MW34, MW35, TFR1, TFR3, TFR4, TFR6, TFR10 & TFR11
Ethylbenzene	700	MW1R, MW4R, MW7, MW8, MW12, MW29, MW30, MW31, MW32, MW33, MW34, MW35, TFR1, TFR6, TFR10 & TFR11
Total Xylenes	10,000	MW1R, MW-4R, MW7, MW8, MW12, MW29, MW33, MW34, MW35, TFR1, TFR4, TFR6 & TFR11
Naphthalene	25	MW1R, MW4R, MW7, MW8, MW12, MW17R, MW19 & MW32
MTBE	40	MW7 & MW19
1,2 DCA	5	MW7, MW17R, MW19, TFR9, TFR10, TFR11 & TFR12
EDB	0.05	MW1R, MW4R, MW7, MW8, MW29, MW29i, MW30, MW31, MW32, MW33, MW34, MW35, TFR1, TFR3, TFR4, TFR6, TFR9, TFR-10, TFR11 & TFR-12
TAA	240	MW-30, MW31, MW-32, MW33, TFR3, TFR4, TFR10 & TFR11
TAME	128	N/A
ETBA	NE	RBSL Not Established
TBA	1,400	N/A
TBF	NE	RBSL Not Established
DIPE	150	N/A

Compound	*RBSL (ug/l)*	*Wells Above RBSL*
Ethanol	10,000	N/A
ETBE	47	N/A

The analytical results also detected petroleum constituents above the laboratory method detection limits and/or "J" values in monitoring wells MW-4D, MW-5i, MW-13, MW-14, MW-16i, MW-18, MW-29D and SW-5; however, the concentrations detected did not exceed the RBSL. In addition, analytical results from samples obtained from the nearby water supply wells did not indicate petroleum impact. The results of the analyses for each monitoring well and specific parameters are listed on Table 1 and provided in Appendix B.

The results of the analyses for each monitoring well and specific parameters are listed on Table 1 and provided in Appendix B.

6.0 ASSESSMENT SUMMARY & RECOMMENDATIONS

- There was no free phase petroleum product detected during sampling activities.

- Forty-six monitoring wells, six surface water locations and three water supply wells were sampled on July 26-27, 2022. Petroleum compounds were detected above RBSL's in monitoring wells MW-1R, MW-2, MW-4R, MW-7, MW-8, MW-12, MW-17R, MW-19, MW-20, MW-29, MW-29i, MW-30, MW-31, MW-32, MW-33, MW-34, MW-35, TFR-1, TFR-2, TFR-3, TFR-4, TFR-6, TFR-9, TFR-10, TFR-11 and TFR-12. Compounds above the established RBSL's include Benzene, Toluene, Ethylbenzene, Xylenes, Naphthalene, 1,2 DCA, EDB and TAA.

- Groundwater flow is primarily to the southeast toward the Shot Pouch Branch. Vertical flow gradient is downward in the area of the four well clusters.

- The plume emanating from the subject site appears to be relatively defined based on results of the July 26-27, 2022 sampling event.

- Upon review of current and historical chemicals of concern (CoC) data, our findings indicate that CoC concentrations have generally increased since the June 2021 groundwater sampling event. These increases are most likely attributed seasonal fluctuations in the overall groundwater table.

- MECI recommends the site be remodeled and new site-specific target levels (SSTL's) be generated.

- Considering the immense size of the contaminant plume, the historic presence of free phase petroleum plume covering a large area and sensitive habitats being located down gradient of the site, active corrective action efforts appear to be necessary.

- If SCDHEC feels the recommendation of active correction action is untimely, MECI would further recommend Aggressive Fluid Vapor Recovery Events be performed at the site to stem the spread of the contaminant plume.

7.0 QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assessment are consistent with those normally employed in hydrogeological assessment and waste management projects of this type. Our evaluation of site conditions has been based on our understanding of the site, project information provided to us, and data obtained in our exploration. The general subsurface conditions utilized in our evaluation have been based on interpretation of subsurface data between borings. Contents of this report are intended for the sole use of Coca-Cola Bottling Company Consolidated, MECI, and SCDHEC under mutually agreed upon terms and conditions. If other parties wish to rely on this report please contact MECI prior to their use of this information so that a mutual understanding and agreement of the terms and conditions of our services can be established.

-oOo-

TABLES

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-1	12/28/1998	**1,760**	**14,600**	**3,460**	**8,580**	**449**	<5.0	NT	NT	**144**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/1999	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	11/1/2000	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/21/2001	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/17/2002	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	7/17/2003	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/21/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/22/2007	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/1/2008	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-1R	3/17/2010	**2,840**	**34,800**	**5,860**	**28,500**	**829**	<250	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**3,990**	**33,200**	**5,270**	**24,600**	<1,250	<1,250	<1,250	**26.3**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	4/21/2011	**2,790**	**28,100**	**4,710**	**22,700**	**544J**	<1,250	<1,250	**16.0**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	8/1/2013	**830**	**14,000**	**3,400**	**17,000**	**540**	<500	<500	**3.6**	NT	**1,600J**	<1,000	<10,000	<10,000	<10,000	<1,000	<100,000	<10,000
	1/20/2015	**998J**	**19,100**	**2,850**	**15,400**	<1,250	<5.0	<5.0	**2.6**	NT	**913**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**499**	**8,820**	**2,100**	**11,400**	**388**	<250	<250	**2.4**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	6/1/2018	**750**	**16,700**	**4,410**	**22,600**	**873**	<500	<500	**0.77**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	1/24/2020	**266**	**9,320**	**3,780**	**17,600**	**518**	<250	<250	**0.38**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	10/6/2020	**674**	**15200**	**3960**	**22200**	**646**	<388	<258	**0.59**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
	6/15/2021	**831**	**17800**	**3720**	**21900**	**618 J**	<388	<258	**0.82**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
	7/27/2022	**294**	**20200**	**3770**	**26300**	**561**	<40.5	<12.5	**0.214**	NT	<430	<39.0	<350	<345	<345	<35.0	<2500	<36.0
MW-2	12/28/1998	**794**	**5,590**	**1,800**	**4,370**	**236**	<5.0	NT	NT	**19**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/1999	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/1/2000	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/21/2001	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/17/2002	**69.0**	**101**	**81.1**	**188**	**5.80**	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	**280**	**680**	**726**	**2,120**	**6.60**	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	**77.8**	**84.4**	**140**	**212**	**5.40**	**4.5**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**9,600**	**46,000**	**7,100**	**30,000**	**13,000**	**510**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**390**	**100**	**270**	**480**	**50**	**31**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**54**	**49**	**53**	**200**	**53**	**110**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**8,600**	**43,000**	**3,900**	**22,000**	**270**	**2,500**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**350**	**280**	**270**	**790**	<100	**400**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**220**	**40**	**180**	**150**	<100	**370**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**262**	**452**	**501**	**862**	**40**	**202**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	**367**	**920**	**947**	**2,189**	**113**	**103**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**168**	**167**	**254**	**374**	**7.2**	**27.2**	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**133**	**230**	**344**	**465**	**6.5J**	**39.3**	<10.0	<0.019	NT	<200	<20.0	<200	<200	<100	<10.0	<400	<20.0
	4/21/2011	**183**	**272**	**474**	**588**	<10.0	**12.6**	<10.0	<0.019	NT	<200	<20.0	<200	<200	<100	<10.0	<400	<20.0
	8/1/2013	**21**	**85**	**120**	**270**	**4.9J**	**0.47J**	<5.0	<0.020	NT	**16J**	<10	**16J**	<100	<100	<10	<1,000	<100
	1/20/2015	**7.7**	**3.9J**	**15.3**	**23.9**	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**20.1**	**9.5**	**158**	**118**	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**170**	**39.9**	**25.0**	**22.5**	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	**3.7J**	<200	<10.0
	1/24/2020	**77.5**	**10.1**	**75.8**	**17.9**	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**2.3 J**	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	**47.8**	**63.9**	**4.4 J**	**8.4**	<2.1	<3.1	<2.1	<0.0097	NT	**171**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	**1050**	**83.6**	**540**	**323**	<48.0	<16.2	<5.00	<0.00490	NT	<172	<15.6	<140	<138	<138	<14.0	<1000	<14.4

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-3	12/28/1998	<5.0	<5.0	<5.0	<15.0	<5.0	<5.0	NT	NT	<3.0	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	**2.41**	**1.27**	**2.76**	**21.77**	**196**	<1.0	NT	<1.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**27**	**7.2**	<5.0	**20**	<5.0	<5.0	NT	<0.021	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**5.1**	**12.1**	**4.4**	**37.9**	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	**1.3**	**1.6**	ND	**11.5**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	**1.1**	<1.0	**6.7**	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**7.1**	**4.0**	**3.4**	**34**	**<5.0**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<5.0	**9.4**	<5.0	**7.8**	<25	<5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	NS	NS	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	NS	NS	NS	NS	NS	NS	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**1,050**	**11,300**	**3,400**	**15,900**	**496**	<250	<250	**1.3**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	**3.0J**	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**4.8J**	**260**	**230**	**2,000**	**160**	<50	<50	**0.76**	NT	**160J**	<100	<1,000	<1,000	<1,000	**5.6J**	<10,000	<1,000
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-4	12/28/1998*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/18/1999*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	11/1/2000*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/16/2001*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/17/2002*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	7/17/2003*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/21/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	10/20/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/22/2005	**720**	**13,000**	**5,900**	**40,000**	**2,300**	**250**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**590**	**1,200**	**89**	**4,100**	**180**	**150**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**57**	**150**	**180**	**150**	**150**	**26**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**640**	**1,400**	<1	**4,000**	**120**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**30**	**140**	**14**	**240**	**13**	**<1.0**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**132**	**1,030**	**11**	**562**	**11**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	**1**	**2.16**	**1**	**1**	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**16.9**	**78.7**	**4.9J**	**44.8**	<5.0	**5.2**	<5.0	**0.14**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**665**	**4,280**	**358**	**3,200**	**45.9**	**132**	**1.3J**	**0.50**	NT	**172**	**12.0**	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	**656**	**2,280**	**59.2J**	**1,320**	<125	**263**	<125	**0.12**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	8/1/2013	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
	1/20/2015	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
	2/9/2016	**47.9**	**622**	**119**	**673**	<25.0	<25.0	<25.0	**0.049**	NT	<500	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	6/1/2018	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
MW-4R	1/24/2020	**140**	**3,830**	**871**	**4,250**	**124J**	<125	<125	**0.91**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	**343**	**7150**	**765**	**4930**	**109 J**	<155	<103	**1.9**	NT	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
	6/15/2021	**573**	**13300**	**2180**	**11700**	**253 J**	<310	<206	**3.6**	NT	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
	7/27/2022	**261**	**9260**	**1550**	**11100**	**195 J**	<40.5	<12.5	**2.00**	NT	<430	<39.0	<350	<345	<345	<35.0	<2500	<36.0
MW-4D	1/24/2020	**14.1J**	**194**	**65.1**	**1,550**	**32.7**	<25.0	<25.0	**0.15**	NT	<500	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	10/6/2020	**1.8 J**	<2.0	**4.9 J**	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	3.0 J	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	**2.87**	**10.9**	**2.41**	**32.4**	<2.40	<0.810	<0.250	<0.00503	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-5i	8/19/1999	<5.0	<5.0	<5.0	<5.0	**9.7**	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	<5.0	<5.0	<5.0	**5.1**	<5.0	<5.0	NT	<0.021	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	**3.8**	ND	**3.2**	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	ND	ND	ND	**1.5**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**2.0**	**81**	**74**	**370**	**74**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<10	**120**	**170**	**990**	**140**	<10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**1.7**	**8.6**	<1	**50**	**8.4**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**13**	**29.0**	<1.0	**93.0**	**12**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**1**	**17.0**	**3.9**	**20.0**	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**6,120**	**51,700**	**3,540**	**17,580**	**206**	**900**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	**1**	**1**	**1**	**1**	**2**	**10.2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	**24.1**	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	**7.1J**	**4.8J**	**29.0**	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	**33.9**	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**0.31J**	<5.0	<5.0	<5.0	<5.0	**16**	<5.0	<0.019	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	**242**	<5.0	<5.0	**45.3**	**6.6**	**120**	<5.0	<0.019	NT	**188**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	**4.9J**	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**72.0**	<5.0	<5.0	**10.1**	**8.5**	**30.9**	<5.0	**0.022**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<10.0	**2.7J**	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**16.2**	<2.0	<1.8	<5.0	**4.4 J**	**8.5**	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0109 J**	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-6	8/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/16/2001	<5.0	**6.5**	<5.0	**12**	<5.0	<5.0	NT	<0.020	0.028	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**8.8**	**4.5**	ND	**8.2**	ND	**3.2**	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	**48.5**	**33.2**	**31.8**	**129**	**ND**	**5.9**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	**14.0**	<1.0	**3.2**	**7.5**	<5.00	**3.4**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	**7,900**	**30,000**	**15,000**	**77,000**	**9,100**	<250	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**200**	**56**	**39**	**130**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**600**	**240**	**170**	**400**	<500	<100	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**330**	**70**	**58**	**75**	<50	<10	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**400**	**190**	**96**	**300**	<5	**8.9**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**77**	**62**	**33**	**180**	<5.0	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**2**	**6**	**7**	**17**	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	**1**	**1**	**1**	**1**	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	**2.6J**	**3.1J**	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**20**	3.0J	**11**	**52**	<5.0	<5.0	<5.0	<0.020	NT	**36J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**8.1**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	**2.0J**	<200	<10.0
	1/24/2020	**15.2**	<5.0	**2.4J**	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-7	8/18/1999*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	11/2/2000*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/24/2001*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/17/2002*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	7/17/2003*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/21/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	10/20/2004	**21,000**	**47,000**	**9,400**	**37,000**	**1,100**	**5,400**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**13,000**	**57,000**	**17,000**	**82,000**	**11,000**	**4,300**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**16,000**	**40,000**	**7,100**	**34,000**	**1,200**	**4,300**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**19,000**	**70,000**	**8,200**	**45,000**	<1,000	**6,400**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	6/22/2007*	**17,000**	**52,000**	**7,000**	**35,000**	**1,900**	**3,400**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/2/2009	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	11/12/2009	**16,100**	**50,000**	**4,550**	**24,500**	**638**	**1,970**	<500	**239**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**13,900**	**40,500**	**4,790**	**30,800**	<2,500	**2,720**	<2,500	**253**	NT	<50,000	<5,000	<50,000	<50,000	<25,000	<2,500	<100,000	<5,000
	4/21/2011	**11,100**	**29,300**	**2,730**	**25,800**	**769J**	**2,840**	<1,250	**151**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	8/1/2013	**10,000**	**52,000**	**5,000**	**31,000**	**1,800J**	**310J**	<2,500	**120**	NT	**7,300J**	<5,000	<50,000	<50,000	<50,000	<5,000	<500,000	<50,000
	1/20/2015	**11,700**	**42,200**	**3,280**	**21,900**	**1,500**	**1,000**	**82.4J**	**174**	NT	**6,000**	**203**	<2,000	<2,000	<1,000	<100	<4,000	<200
	2/9/2016	**9,270**	**38,300**	**3,620**	**30,300**	**1,240J**	<1,250	<1,250	**148**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	6/1/2018	**9,330**	**34,500**	**2,600**	**23,200**	**719J**	**462J**	<1,000	**320**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	1/23/2020	**8,750**	**34,200**	**2,460**	**20,600**	**656J**	<1,250	<1,250	**127**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**5200**	**21900**	**1690**	**15900**	**631 J**	<620	<412	**40.5**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
	6/15/2021	**4540**	**24100**	**1930**	**16700**	**618 J**	<620	<412	**47.2**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
	7/27/2022	**5360**	**41600**	**3410**	**22300**	**824**	**327 J**	**16.1**	**49.4**	NT	<8.60	<0.780	<7.00	**1640**	<6.90	<0.700	<50.0	<0.720
MW-8	8/18/1999	**2,300**	**10,000**	**1,300**	**5,900**	**1,200**	<5.0	NT	**38**	**0.13**	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/24/2001*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/17/2002*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	7/17/2003*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/21/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	10/20/2004	**1,700**	**11,000**	**2,300**	**9,400**	**1,000**	<25	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**6,000**	**30,000**	**6,600**	**32,000**	**1,700**	**200**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**5,300**	**29,000**	**5,000**	**27,000**	<1,000	<200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**1,800**	**13,000**	**2,800**	**17,000**	**410**	<20	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008*	**761**	**3,050**	**810**	**10,060**	**1,370**	**40**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	**683**	**2,300**	**690**	**7,660**	**370**	**40**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**647**	**2,100**	**404**	**3,700**	**164**	<125	<125	**7.4**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**1,090**	**6,930**	**749**	**6,820**	**369**	<100	<100	**8.8**	NT	<2,000	<200	<2,000	<2,000	<1,000	<100	<4,000	<200
	4/21/2011	**1,660**	**7,480**	**665**	**7,550**	**391**	<250	<250	**21.5**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	8/1/2013	**1,300**	**4,200**	**840**	**8,900**	**480**	<250	<250	**16**	NT	**2,600J**	<500	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	**2,160**	**11,600**	**932**	**11,300**	**680**	<125	<125	**29.0**	NT	**5,610**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	2/9/2016	**1,370**	**11,700**	**687**	**8,440**	**448J**	<500	<500	**22.9**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	6/1/2018	**1,340**	**17,900**	**1,880**	**14,500**	**517**	<500	<500	**11.4**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	1/23/2020	**397**	**6,190**	**1,010**	**7,130**	**318**	<250	<250	**4.5**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	10/6/2020	**737**	**9330**	**1760**	**11700**	**498**	<155	<103	**4.0**	NT	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
	6/15/2021	**1390**	**16700**	**3060**	**19300**	**737**	<310	<206	**8.9**	NT	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
	7/27/2022	**473**	**19400**	**3110**	**18200**	**761**	<0.810	<0.250	**2.14**	NT	<8.60	<0.780	<7.00	<690	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-9	8/18/1999*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	11/2/2000*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/24/2001*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/17/2002*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	7/17/2003*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/21/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	10/20/2004	**20,000**	**48,000**	**9,800**	**50,000**	**10,000**	**590**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	**23,000**	**77,000**	**15,000**	**75,000**	**4,400**	**270**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**190**	**350**	**45**	**230**	**7.1**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**22,000**	**60,000**	**3,800**	**24,000**	**560.0**	**170**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	6/22/2007	**4,900**	**31,000**	**3,700**	**26,000**	**2,600**	<50	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	**2,850**	**13,400**	**1,790**	**17,340**	**1,820**	**40**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4/2/2009	**12,200**	**33,800**	**2,850**	**27,390**	**941**	**273**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**13,100**	**33,800**	**2,000**	**24,300**	**757**	**73.2J**	**390**	**598**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**14,500**	**29,500**	**1,630**	**21,200**	**1,150**	<1,000	**412J**	**612**	NT	**44,900**	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	4/21/2011	**11,700**	**30,000**	**1,590**	**17,600**	**741J**	<1,250	<1,250	**510**	NT	**41,300**	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	8/18/1999	**15,000**	**22,000**	**1,400**	**7,900**	<250	<5.0	NT	**460**	**0.72**	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/24/2001*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/17/2002*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	7/17/2003*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/21/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	10/20/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/22/2005	**20,000**	**34,000**	**34,000**	**25,000**	**9,900**	**250**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**21,000**	**62,000**	**16,000**	**76,000**	**3,500**	<200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**17,000**	**40,000**	**3,100**	**19,000**	<2,500	<500	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	6/22/2007*	**6,500**	**42,000**	**14,000**	**96,000**	**25,000**	**500**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/2/2009	**8,260**	**23,700**	**3,680**	**26,110**	**1,010**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011	**11,100**	**24,000**	**2,740**	**16,500**	**635**	<250	**299**	**322**	NT	**18,300**	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11	8/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	**0.014**	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.031**	NT	NT	NT	NT	NT	NT	NT	NT
	8/16/2001	<5.0	**9.0**	<5.0	**14**	<5.0	<5.0	NT	<0.019	**0.0075**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	**4.6**	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	**2.2**	**1.1**	**7.0**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	**1.8**	**1.0**	**11.1**	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/22/2007	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/1/2008	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-11R	3/17/2010	**13.0**	**70.2**	**36.3**	**175**	**<5.0**	<5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**6.7**	**17.9**	**12.6**	**107**	<5.0	<5.0	<5.0	<0.019	NT	**569**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	**4.0J**	**7.7**	**2.0J**	**83.0**	<5.0	<5.0	<5.0	<0.019	NT	**1,040**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**3.7J**	<5.0	**2.4J**	**9.5**	<5.0	<5.0	<5.0	<0.020	NT	**77J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	**4.1J**	**3.3J**	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	**300**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0099	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00496	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-12	8/19/1999	**3,600**	**16,000**	**2,100**	**8,800**	**290**	**93**	NT	<250	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/24/2001*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/17/2002*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	7/17/2003*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/21/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	10/20/2004*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/22/2005	**4,100**	**44,000**	**15,000**	**75,000**	**7,800**	**250**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	**5,400**	**46,000**	**16,000**	**81,000**	**4,100**	<200	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/29/2006	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	**1**	**1**	**1**	**1**	**2**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**801**	**1,870**	**22.6J**	**9,020**	**140**	**67.4**	<50.0	**11.4**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**2,960**	**23,200**	**3,180**	**21,700**	**646**	<100	<100	**2.6**	NT	<2,000	<200	<2,000	<2,000	<1,000	<100	<4,000	<200
	4/21/2011	**2,490**	**18,600**	**3,630**	**21,000**	**628J**	<1,000	<1,000	**2.5**	NT	**25,300**	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	8/1/2013	**99J**	**1,400**	**130J**	**7,100**	**290**	<250	<250	**0.74**	NT	**660J**	<500	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	**568**	**6,470**	**891**	**15,000**	**459**	<5.0	<5.0	**1.8**	NT	**324**	<10.0	<100	**83.0J**	<50.0	<5.0	<200	<10.0
	2/9/2016	**189**	**901**	**125**	**3,780**	**165**	<62.5	<62.5	**0.61**	NT	<1,250	<125	<1,250	<1,250	<625	<62.5	<2,500	<125
	6/1/2018	**96.6**	**1,030**	**95.7**	**2,890**	**123**	<50.0	<50.0	**0.028**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	1/24/2020	**154**	**1,860**	**427**	**6,540**	**276**	<125	<125	<0.020	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	**409**	**5030**	**1260**	**10900**	**498**	<124	<82.4	<0.011	NT	<2620	<122	<2160	<3640	<964	<140	<5760	<338
	6/15/2021	**276**	**7520**	**2110**	**17100**	**747**	<124	<82.4	**0.047**	NT	<2620	<122	<2160	<3640	<964	<140	<5760	<338
	7/27/2022	**333**	**8510**	**2470**	**19000**	**690**	<0.810	<0.250	**0.0424**	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-13	10/18/1999	**5.1**	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.021**	NT	NT	NT	NT	NT	NT	NT	NT
	8/20/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<0.019	**0.020**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/17/2003	ND	ND	ND	**1.5**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	1.9	<1	1.7	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	1.7	2.7	1.9	6.6	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	3.6	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	**7.2J**	<5.0	<5.0	<5.0	<0.019	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	**83.2J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	<0.270	**0.345 J**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-13i	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.029**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	N/A	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-13D	1/23/2020	<5.0	**25.5**	**4.6J**	**24.3**	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	N/A	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-14	10/18/1999	**2,160**	**1,390**	**431**	**2,180**	**73.6**	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/2/2000	**1,180**	<10.0	**60.4**	**393.9**	<10.0	<10.0	NT	<10.0	<0.005	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**450**	**11**	**8.4**	**160**	**18**	<5.0	NT	<0.019	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**553**	**7.4**	**28.0**	**222**	**34.2**	ND	NT	**0.05**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	**33.1**	ND	ND	**3.0**	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	**67.7**	<1.0	**3.9**	**20.5**	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.2**	<1	**1.4**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	**1**	<1	**1**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	**1**	**1**	**1**	**1**	**4.65**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**19**	<5.0	<5.0	<5.0	**8.7**	<5.0	**3.5J**	<0.020	NT	**980**	<10	<100	**31J**	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	**8.4**	<10.0	<5.0	<5.0	**12.0**	**0.028**	NT	**2,690**	<10.0	<100	**131**	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	**252**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	**0.446 J**	<0.00506	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-15	10/18/1999	<5.0	**10**	<5.0	**14**	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.089**	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**8.9**	<5.0	<5.0	**9.0**	<5.0	<5.0	NT	<0.019	**0.073**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.1**	<1	**2.3**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	**2.2**	**1.2**	**7.1**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	**1.7**	<1	**1.6**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**1.5**	<5	**1.6**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	**2.5**	<1	**3.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	<1	**67.0**	**63.0**	**430.0**	**100**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	**17J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	**320**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	**90.0J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.051**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-16	10/18/1999	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<5.0	<0.0030	NT	NT	NT	NT	NT	NT	NT	NT
	11/1/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.075**	NT	NT	NT	NT	NT	NT	NT	NT
	8/16/2001	<5.0	**7**	<5.0	**11**	<5.0	<5.0	NT	<0.019	**0.015**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.4**	<1	**1.6**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	**1.2**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	**1.5**	<1	**1.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**3.4**	<5	**1.2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-16i	1/23/2020	**9.8**	**18.7**	**8.7**	**117**	**3.1J**	<5.0	<5.0	**0.11**	NT	**440**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**3.9 J**	<2.0	**2.4 J**	**28.4**	<2.1	<3.1	<2.1	<0.011	NT	**240**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	2.2 J	<2.0	2.2 J	15.9	<2.1	<3.1	<2.1	<0.0097	NT	127	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	**1.10**	<2.40	<0.810	<0.250	<0.00509	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-16D	1/23/2020	**2.2J**	<5.0	<5.0	**28.2**	<5.0	<5.0	<5.0	**0.057**	NT	**93.3J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0098	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00519	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-17	11/8/2000	**9,320**	**10,800**	**1,380**	**4,910**	**224**	<100	N/A	<100	**0.038**	NT	NT	NT	NT	NT	NT	NT	NT
	8/24/2001	**680**	**680**	**100**	**430**	**38**	<5.0	N/A	**0.10**	**0.030**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	7/18/2003	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/21/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/22/2007	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/1/2008	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-17R	3/17/2010	**4,450**	**6,450**	**919**	**3,670**	**164**	**198**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**7,080**	**12,000**	**1,370**	**5,900**	**450**	**205J**	**301**	**0.22**	NT	**9,130**	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	4/21/2011	**4,750**	**7,130**	**937**	**3,840**	<500	<500	**185J**	**0.14**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	8/1/2013	**4,700**	**6,000**	**890**	**4,400**	**200J**	**140J**	**210J**	**0.062P**	NT	**3,200J**	**18J**	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	**3,030**	**2,450**	**525**	**2,560**	**92.3**	**93.0**	**75.7**	<0.021	NT	**3,890**	**14.1**	<100	**208**	<50.0	<5.0	<200	<10.0
	2/9/2016	**8.0**	**4.4J**	<5.0	<10.0	<5.0	**11.1**	**6.1**	<0.019	NT	**86.6J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	**731**	**21.8J**	**79.1**	**293**	**24.2J**	<25.0	**19.4J**	<0.020	NT	**1,940**	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	10/6/2020	**404**	**15.2**	**61.9**	**253**	**16.0**	<7.8	**12.7**	<0.012	NT	**1370**	<7.6	<135	<228	<60.2	<8.7	<360	<21.2
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	**66.1 J**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	**3020**	**139**	**574**	**1810**	**69.7**	**13.6**	**39.5**	<0.00494	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-18	11/8/2000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NT	<1.0	**0.108**	NT	NT	NT	NT	NT	NT	NT	NT
	8/20/2001	<5.0	**6.2**	<5.0	**10**	<5.0	<5.0	NT	<0.020	**0.028**	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	2/21/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.3**	<1	**1.3**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	**1.3**	<1	**1.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**0.50J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	**210**	<10	<100	**7.3J**	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	**0.293 J**	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00513	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-19	11/8/2000	**380**	**1.46**	**1.59**	**60.59**	**6.71**	**1,200**	NT	<1.0	**0.023**	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**640**	**10**	<5.0	**88**	**19**	**43**	NT	<0.020	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**492**	ND	**11.8**	**30.7**	**9.50**	**39.7**	NT	**0.04**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	**760**	**8.5**	ND	**267**	**16.1**	**30.8**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	**166**	<1.0	<1.0	**15.8**	<5.00	**196**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	**3.8**	<1	**10.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**34**	<1	<1	<1	<5	**3.7**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**9**	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/17/2010	**134**	<5.0	<5.0	<10.0	**5.0**	**12.7**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**224**	<5.0	<5.0	**5.0J**	**9.4**	**29.7**	**4.2J**	<0.019	NT	**460**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	**24.6**	<5.0	<5.0	<10.0	<5.0	**5.3**	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	**120**	<5.0	<5.0	<5.0	**5.9**	**16**	**7.4**	**0.030**	NT	**120**	<10	<100	**15J**	<100	**0.53J**	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	**4.2J**	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**26.1**	<5.0	<5.0	<10.0	**4.3J**	**19.8**	**5.2**	<0.021	NT	**397**	<10.0	<100	**61.8J**	<50.0	<5.0	<200	<10.0
	3/9/2016	**19.0**	<0.24	<0.21	<0.32	**4.5**	**34**	**7.5**	**0.029**	<4.7	**350**	<0.25	<1.5	**49**	<0.66	**0.98J**	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/24/2020	**17.9**	<5.0	<5.0	<5.0	**44.3**	**119**	**32.2**	<0.020	NT	**3260**	<10.0	<100	**118**	<50.0	<5.0	<200	<10.0
	10/6/2020	**31.9**	<2.0	<1.8	<5.0	**50.3**	**62.0**	**3.6 J**	<0.011	NT	**3230**	<3.0	<53.9	**236**	<24.1	<3.5	<144	<8.5
	6/15/2021	**4.7 J**	<2.0	<1.8	<5.0	**20.1**	**6.7**	**9.7**	<0.0097	NT	**984**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	**9.67**	**0.807 J**	<0.200	<0.230	**26.4**	**40.2**	**28.8**	**0.0140 J**	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*	*RBSL*
		5	*1,000*	*700*	*10,000*	*25*	*40*	*5*	*0.05*	*15*	*240*	*128*	*NE*	*1,400*	*NE*	*150*	*10,000*	*47*
MW-20	11/8/2000	**1,550**	**1.98**	**1.71**	**65.42**	**36.9**	**1.12**	NT	<1.0	**0.088**	NT	NT	NT	NT	NT	NT	NT	NT
	8/21/2001	**1,200**	**5.7**	<5.0	**54**	**40**	<5.0	NT	**0.57**	<0.003	NT	NT	NT	NT	NT	NT	NT	NT
	8/17/2002	**1,480**	ND	ND	**31.8**	**51.9**	ND	NT	**0.74**	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	**874**	**2.7**	**1.9**	**31.0**	**46.1**	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	**1,760**	**2.1**	<1.0	**35.3**	**79.6**	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	**1,300**	**1.9**	<1	**9.9**	**74**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	**1,500**	**2.4**	**3.3**	**13.0**	**77**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	**900**	**1.9**	**2.6**	**6.1**	**77**	**1**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	**102**	**1**	**1**	**4.02**	**59.50**	**2**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/12/2009	**839**	<5.0	**20.1**	**4.0J**	**45.3**	**43.9**	**8.9**	<0.019	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	**54.8**	<5.0	<5.0	<10.0	**65.4**	<5.0	**22.6**	<0.019	NT	**1,680**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	**19.4**	<5.0	**45.6**	<5.0	**6.6**	**7.3**	**4.8J**	<0.020	NT	**3,000**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**152**	<2.0	**50.7**	<5.0	**18.8**	**23.3**	**5.6**	<0.012	NT	**2940**	<3.0	<53.9	**142**	<24.1	<3.5	<144	<8.5
	6/14/2021	**22.9**	<2.0	**81.7**	**6.5**	**6.4**	**5.7**	<2.1	<0.0097	NT	**3140**	<3.0	<53.9	**154**	<24.1	<3.5	<144	<8.5
	7/26/2022	**41.6**	**4.45**	**206**	**87.8**	**6.92**	<0.810	**0.692 J**	<0.00515	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-21	8/20/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<0.020	**0.86**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**1.9**	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**1.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	**6**	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	**2.9J**	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<250	<250	<250	<500	<250	<250	<250	<0.020	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/6/2020	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/14/2021	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	7/26/2022	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-22	8/20/2001	<5.0	**7.8**	<5.0	**8.0**	<5.0	<5.0	NT	<0.020	**0.38**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**1.9**	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**2.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<10.0	<10.0	<10.0	<20.0	<10.0	<10.0	<10.0	<0.020	NT	<200	<20.0	<200	<200	<100	<10.0	<400	<20.0
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0095	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00493	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-23	8/20/2001	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	<0.020	**0.023**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**1.0**	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**1.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/15/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0049	<4.7	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00499	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-24	8/20/2001	<5.0	<5.0	<5.0	**5.4**	<5.0	<5.0	NT	<0.019	**0.014**	NT	NT	NT	NT	NT	NT	NT	NT
	8/18/2002	ND	ND	ND	ND	ND	ND	NT	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT
	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	**1.6**	<1	**2.1**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	3/14/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0048	<4.7	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	10/6/2020	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/14/2021	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	7/26/2022	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**1.7**	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	**4.9**	<1	**4.3**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	**63.7J**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	3/9/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0047	<4.7	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.0246	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-26	7/18/2003	ND	ND	ND	ND	ND	ND	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	<1.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**3.5**	<1	**2.9**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/12/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.010	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.255	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-27	7/18/2003	ND	ND	ND	ND	ND	**2.0**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/6/2004	<1.0	<1.0	<1.0	<1.0	<5.00	**1.1**	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	10/20/2004	<1	**2.1**	<1	**2.2**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	8/22/2005	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/28/2005	<1	<1	<1	**1.0**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	3/9/2006	<1	<1	<1	**2.5**	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/29/2006	<1	<1	<1	<1	<5	<1	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	6/22/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	10/1/2008	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/2/2009	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	11/12/2009	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.024	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/15/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0094	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00516	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-28	3/17/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	9/2/2010	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	4/21/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	8/1/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	**14J**	<10	<100	<100	<100	<10	<1,000	<100
	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	3/10/2016	<0.21	<0.24	<0.21	<0.32	<0.14	<0.23	<0.23	<0.0047	<4.7	<1.5	<0.25	<1.5	<2.3	<0.66	<0.26	<19	<0.13
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0097	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00500	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-29	1/23/2020	**13,700**	**41,100**	**3,120**	**16,100**	<1,250	<1,250	<1,250	**249**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**18900**	**51000**	**3890**	**19300**	<836	<1240	<824	**672**	NT	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
	6/14/2021	**16600**	**39700**	**3130**	**15800**	<836	<1240	**945 J**	**527**	NT	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
	7/27/2022	**11400**	**56200**	**3880**	**17900**	<6000	<2030	<625	**242**	NT	<21500	<1950	<17500	<17300	<17300	<1750	<125000	<1800
MW-29i	1/23/2020	**747**	**1,730**	**141**	**1,370**	**35.5J**	**69.6**	<50.0	**6.9**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	10/6/2020	**146**	<2.0	<1.8	**5.2**	**34.3**	**52.1**	**2.7 J**	**0.16**	NT	**203**	**9.0 J**	<53.9	<91.0	<24.1	**6.2**	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	**36.8**	**2.7 J**	**0.23**	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	<0.540	<0.500	<0.400	<0.460	<4.80	**28.3**	**3.01**	**0.162**	NT	<17.2	<1.56	<14.0	<13.8	<13.8	**3.09 J**	<100	<1.44
MW-29D	1/23/2020	**617**	**1,540**	**131**	**1,310**	**30.3J**	<50.0	<50.0	**11.4**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	**12.8**	**19.4**	<1.8	<5.0	<2.1	<3.1	<2.1	**0.094**	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/27/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0133 J**	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-30	1/23/2020	**4,450**	**12,200**	**1,250**	**6,950**	**219J**	<500	<500	**2.5**	NT	**13,000**	<1,000	<10,000	<10,000	<500	<5,000	<20,000	<1,000
	10/6/2020	**6330**	**19000**	**1670**	**9310**	**305 J**	<388	<258	**3.8**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
	6/14/2021	**4300**	**11600**	**1210**	**6650**	**245 J**	<310	<206	**1.6**	NT	**18100**	<304	<5390	<9100	<2410	<349	<14400	<846
	7/27/2022	**4570**	**11500**	**1140**	**6230**	<1200	<405	<125	**0.867**	NT	**8670 J**	<390	<3500	<3450	<3450	<350	<25000	<360
MW-31	1/23/2020	**1,050**	**3,090**	**296**	**1,600**	<125	<125	<125	**1.4**	NT	**3,440**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.012	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	**1.8 J**	<2.0	<1.8	<5.0	<2.1	<3.1	**2.2 J**	<0.0098	NT	**139**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	**4990**	**12300**	**847**	**4830**	<1200	<405	<125	**0.0574**	NT	**6750 J**	<390	<3500	<3450	<3450	<350	<25000	<360
MW-32	1/23/2020	**3,660**	**16,200**	**1,980**	**10,200**	**273J**	<500	<500	**5.5**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	10/6/2020	**3180**	**10800**	**2250**	**10400**	**328 J**	<310	<206	**1.5**	NT	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
	6/14/2021	**1500**	**1650**	**1600**	**6050**	**278**	<77.5	<51.5	**0.16**	NT	**3930**	<76.0	<1350	<2280	<602	<87.2	<3600	<212
	7/26/2022	**1920**	**2500**	**2000**	**6480**	**285**	<40.5	<12.5	**0.321**	NT	**5500**	<39.0	<350	**374 J**	<345	<35.0	<2500	<36.0
MW-33	1/23/2020	**15,100**	**49,400**	**3,830**	**19,600**	<1,250	<1,250	<1,250	**340**	NT	**19,300J**	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**16400**	**54000**	**3920**	**20000**	<836	<1240	<824	**146**	NT	<26200	<1220	<21600	<36400	<9640	<1400	<57600	<3380
	6/14/2021	**4990**	**26200**	**3680**	**18800**	**513 J**	<620	<412	**72.7**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
	7/27/2022	**14200**	**60700**	**4210**	**21300**	<2400	<810	<250	**266**	NT	**30000**	<780	<7000	<6900	<6900	<700	<50000	<720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
MW-34	1/23/2020	**2,530**	**18,700**	**2,400**	**16,900**	**335J**	<625	<625	**5.9**	NT	<12,500	<1,250	<12,500	<12,500	<6,250	<625	<25,000	<1,250
	10/6/2020	**2880**	**15800**	**1820**	**19200**	**634**	<388	<258	**4.2**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
	6/15/2021	**1580**	**10100**	**1510**	**16400**	**570**	<310	<206	**1.7**	NT	<6560	<304	<5390	<9100	<2410	<349	<14400	<846
	7/27/2022	**2940**	**27600**	**3810**	**25600**	<4800	<1620	<500	**3.77**	NT	<17200	<1560	<14000	<13800	<13800	<1400	<100000	<1440
MW-35	1/23/2020	**12,100**	**48,800**	**3,400**	**23,000**	<1,250	<1,250	<1,250	**266**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
	10/6/2020	**14200**	**43900**	**2330**	**20800**	**672 J**	<775	<515	**649**	NT	**33900**	<760	<13500	<22800	<6020	<872	<36000	<2120
	6/15/2021	**11500**	**42900**	**2240**	**20500**	**673 J**	<775	<515	**493**	NT	**37700**	<760	<13500	<22800	<6020	<872	<36000	<2120
	7/27/2022	**12700**	**49300**	**2920**	**20700**	<6000	<2030	<625	**474**	NT	<21500	<1950	<17500	<17300	<17300	<1750	<125000	<1800
TFR-1	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**2,200J**	**35,000**	**3,200**	**19,000**	**1,400J**	**220J**	<2,500	**78**	NT	<50,000	<5,000	<50,000	<50,000	<50,000	<5,000	<50,000	<50,000
	1/20/2015	**2,510**	**33,900**	**3,230**	**21,800**	**346**	**109**	<50.0	**78.3**	NT	<1,000	**162**	<1,000	<1,000	<500	<50.0	<2,000	<100
	2/9/2016	**479**	**6,640**	**616**	**13,400**	**239**	<200	<200	**27.9**	NT	<4,000	<400	<4,000	<4,000	<2,000	<200	<800	<400
	6/1/2018	**954**	**19,100**	**1,920**	**19,400**	**300J**	<625	<625	**48.2**	NT	<12,500	<1,250	<12,500	<12,500	<6,250	<625	<25,000	<1,250
	1/24/2020	**842**	**21,700**	**2,840**	**20,800**	<625	<625	<625	**12.4**	NT	<12,500	<1,250	<12,500	<12,500	<6,250	<625	<25,000	<1,250
	10/6/2020	**636**	**20200**	**4580**	**27300**	**509 J**	<388	<258	**5.6**	NT	<8200	<380	<6740	<11400	<3010	<436	<18000	<1060
	6/15/2021	**106 J**	**4520**	**897**	**7630**	**140 J**	<124	<82.4	**5.0**	NT	<2620	<122	<2160	<3640	<964	<140	<5760	<338
	7/26/2022	**569 J**	**16100**	**2410**	**15400**	<2400	<810	<250	**6.89**	NT	<8600	<780	<7000	<6900	<6900	<700	<50000	<720
TFR-2	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**3,100**	**18,000**	**440J**	**24,000**	**670J**	<1,000	<1,000	**11**	NT	**2,800J**	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**49.2**	**45.9**	<5.0	**286**	<5.0	**8.1**	<5.0	**0.31**	NT	**448**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**209**	**1,870**	**105**	**2,660**	**47.9**	**6.2**	<5.0	**0.23**	NT	**82.2J**	**4.1J**	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**41.3**	**341**	**38.3**	**611**	**21.2**	<10.0	<10.0	**0.051**	NT	<200	<20.0	<200	<200	<100	<10.0	<400	<20.0
	1/24/2020	**32.9**	**93.2**	**28.7**	**520**	**17.4**	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**70.0**	**269**	**21.3**	**690**	**12.4 J**	<7.8	<5.2	**0.031**	NT	<164	<7.6	<135	<228	<60.2	<8.7	<360	<21.2
	6/15/2021	**322**	**666**	**292**	**4040**	**77.5**	<38.8	<25.8	<0.0097	NT	<820	<38.0	<674	<1140	<301	<43.6	<1800	<106
	7/26/2022	**42.0**	**278**	**37.0**	**802**	<12.0	<4.05	<1.25	**0.0314**	NT	<43.0	<3.90	<35.0	<34.5	<34.5	<3.50	<250	<3.60
TFR-3	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**7,900**	**23,000**	**820J**	**20,000**	**790J**	<1,000	<1,000	**110**	NT	**3,600J**	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**569**	**2,090**	**112**	**9,370**	**170**	<50.0	**28.5J**	**42.0**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	2/9/2016	**3,250**	**10,800**	**363**	**11,200**	**225**	<125	<125	**78.2**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	6/1/2018	**1,770**	**4,790**	**170J**	**6,680**	**112J**	<200	<200	**42.0**	NT	<4,000	<400	<4,000	<4,000	<2,000	<200	<8,000	<400
	1/23/2020	**2,560**	**7,520**	**319**	**6,650**	<200	<200	<200	**18.3**	NT	<4,000	<400	<4,000	<4,000	<2,000	<200	<8,000	<400
	10/6/2020	**2460**	**5560**	**211**	**3010**	**101 J**	<124	<82.4	**12.8**	NT	<2620	<122	<2160	<3640	<964	<140	<5760	<338
	6/15/2021	**61.4**	**129**	**9.5**	**184**	3.9 J	<3.1	<2.1	**0.38**	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	**3050**	**8390**	**377**	**4530**	<240	<81.0	<25.0	**8.26**	NT	**2340**	<78.0	<700	<690	<690	<70.0	<5000	<72.0
TFR-4	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/1/2013	**5,700**	**39,000**	**5,200**	**39,000**	**940J**	**110J**	**130J**	**85**	NT	<20,000	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**4,350**	**21,200**	**1,840**	**23,200**	<1,250	**58.5**	**18.9**	**113**	NT	**742**	**58.6**	<100	**94.5J**	<50.0	<5.0	<200	<10.0
	2/9/2016	**3,400**	**12,400**	**1,110**	**18,100**	**587**	<500	<500	**30.3**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	6/1/2018	**77.3**	**363**	**37.2J**	**2,560**	**119**	<50.0	<50.0	**5.9**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
	1/23/2020	**174**	**508**	**24.0J**	**1,700**	**37.6**	<25.0	<25.0	**3.0**	NT	<500	<50.0	<500	<500	<250	<25.0	<1,000	<50.0
	10/6/2020	**2520**	**6990**	**304**	**5830**	**186 J**	**166 J**	<103	**12.7**	NT	<3280	<152	<2700	<4550	<1200	<174	<7200	<423
	6/15/2021	**451**	**1580**	**78.5**	**2420**	**72.0**	<38.8	<25.8	**1.6**	NT	<820	<38.0	<674	<1140	<301	<43.6	<1800	<106
	7/26/2022	**2520**	**9060**	**396**	**11400**	<240	<81.0	<25.0	**1.37**	NT	**1520 J**	<78.0	<700	<690	<690	<70.0	<5000	<72.0

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
TFR-5	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**11,000**	**53,000**	**3,600**	**22,000**	**1,600J**	<2,500	<2,500	**150**	NT	**11,000J**	<5,000	<50,000	<50,000	<50,000	<5,000	<500,000	<50,000
	1/20/2015*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	2/9/2016	**9,950**	**49,300**	**3,290**	**20,400**	**495**	<250	**130J**	**209**	NT	**5,260**	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	6/1/2018	**6,350**	**32,700**	**2,630**	**18,200**	**553J**	<1,000	<1,000	**66.3**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	1/23/2020	**5,620**	**35,000**	**3,010**	**21,000**	**579J**	<1,000	<1,000	**37.9**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	10/6/2020	**4000**	**25900**	**2430**	**17900**	**592 J**	<620	<412	**19.2**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
	6/15/2021	**2910**	**22500**	**2250**	**16000**	**602 J**	<620	<412	**13.8**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
	7/26/2022	**2570**	**25100**	**2590**	**18700**	<480	<162	<50.0	**25.5**	NT	<1720	<156	<1400	<1380	<1380	<140	<10000	<144
TFR-7	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**2,600**	**5,400**	**550**	**3,600**	**170J**	<250	**170J**	**35**	NT	**3,100J**	**99J**	<5,000	<5,000	<5,000	<500	<50,000	<5,000
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	**3.0J**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.059**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	**11300**	**30900**	**2230**	**14200**	<418	<620	**526 J**	**68.5**	NT	**35800**	<608	<10800	<18200	<4820	<698	<28800	<1690
	6/15/2021	**49.9**	**89.6**	**9.1**	**65.8**	<2.1	<3.1	**2.6 J**	**0.26**	NT	**77.9 J**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	7/26/2022	**240**	**376**	**10.6**	**230**	<12.0	<4.05	**10.8**	**0.189**	NT	<43.0	<3.90	<35.0	<34.5	<34.5	<3.50	<250	<3.60
TFR-10	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**15,000**	**32,000**	**2,100**	**12,000**	<1,000	<1,000	**990J**	**67**	NT	**16,000J**	<2,000	<20,000	<20,000	<20,000	<2,000	<200,000	<20,000
	1/20/2015	**3,280**	**7,400**	**565**	**4,100**	**108**	<5.0	**92.5**	**14.7**	NT	**9,810**	<10.0	<100	250	<50.0	<5.0	<200	<10.0
	2/9/2016	**96.7**	**149**	**19.3**	**155**	**5.9**	<5.0	**16.5**	**6.1**	NT	**315**	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	**23.9**	**69.1**	**6.2**	**40.1**	<5.0	<5.0	**2.7J**	**0.40**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	**1,470**	**4,500**	**307**	**2,680**	**74.4J**	<125	<125	**3.3**	NT	**2,520**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
	10/6/2020	**10100**	**27400**	**2200**	**15500**	<418	<620	<412	**246**	NT	**15600 J**	<608	<10800	<18200	<4820	<698	<28800	<1690
	6/14/2021	**1840**	**6370**	**419**	**3200**	**132 J**	<155	<103	**5.7**	NT	**3590 J**	<152	<2700	<4550	<1200	<174	<7200	<423
	7/26/2022	**5530**	**20200**	**1330**	**8250**	<480	<162	**120 J**	**2.75**	NT	**6610**	<156	<1400	<1380	<1380	<140	<10000	<144
TFR-11	9/2/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013	**22,000**	**50,000**	**3,100**	**18,000**	**1,500J**	**1,500J**	**1,200J**	**400**	NT	**26,000J**	**210J**	<50,000	<50,000	<50,000	<5,000	<500,000	<50,000
	1/20/2015	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	2/9/2016	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	6/1/2018	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL	NL
	1/23/2020	**14,200**	**34,300**	**2,710**	**14,400**	<1,000	<1,000	<1,000	**322**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
	10/6/2020	**21100**	**45600**	**3860**	**20000**	**601 J**	<775	**683 J**	**636**	NT	**22200 J**	<760	<13500	<22800	<6020	<872	<36000	<2120
	6/14/2021	**11100**	**26200**	**1990**	**12600**	<522	<775	<515	**410**	NT	<16400	<760	<13500	<22800	<6020	<872	<36000	<2120
	7/26/2022	**21400**	**52500**	**4000**	**19700**	<1200	<405	**490 J**	**698**	NT	**8610 J**	<390	<3500	<3450	<3450	<350	<25000	<360

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***	***RBSL 15***	***RBSL 240***	***RBSL 128***	***RBSL NE***	***RBSL 1,400***	***RBSL NE***	***RBSL 150***	***RBSL 10,000***	***RBSL 47***
TFR-12	9/2/2010*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	4/21/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	8/1/2013*	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	1/20/2015	**7,840**	**23,600**	**1,180J**	**8,060**	<2,500	<5.0	**141**	**127**	NT	<50,000	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	**2,110**	**6,460**	**392**	**2,930**	<250	<250	**110J**	**57.6**	NT	<5,000	<500	<5,000	<5,000	<2,500	<250	<10,000	<500
	6/1/2018	**5,090**	**14,100**	**877**	**6,120**	<500	<500	<500	**62.4**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
	1/23/2020	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
	10/6/2020	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**	**FPP**
	6/14/2021	**141**	**517**	**35.9**	**611**	**24.1**	<12.4	<8.2	**8.1**	NT	**355 J**	<12.2	<216	<364	<96.4	<14.0	<576	<33.8
	7/26/2022	**32.1**	**174**	**11.1**	**207**	**18.3**	<0.810	**12.7**	**5.55**	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-1	1/23/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.53 J**	**0.29 J**	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.010	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00501	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-2	1/23/2020	<1.0	**0.36J**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.40 J**	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0098	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00510	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-3	1/23/2020	<1.0	**0.33J**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.37 J**	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0095	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-4	1/23/2020	<1.0	**0.28J**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	**0.29 J**	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	<0.48	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-5	1/23/2020	<1.0	**2.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	**21.8**	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0099	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
	7/26/2022	<0.270	**4.35**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00538	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-6	1/23/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.15	<0.24	<0.26	<0.63	<0.35	<0.28	<0.34	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.34	**1.2**	<0.30	<0.34	<0.64	<0.42	<0.32	<0.0096	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
	7/26/2022	<1.35	<1.25	<1.00	<1.15	<12.0	<4.05	<1.25	<0.00526	NT	<43.0	<3.90	<35.0	<34.5	<34.5	<3.50	<250	<3.60
WSW-3	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.012	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
	7/26/2022	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00490	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
WSW-5	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/26/2022	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
WSW-6	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	7/26/2022	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00482	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

TABLE 1
GROUNDWATER COC CONCENTRATION DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)	Lead (mg/l)	TAA (µg/l)	TAME (µg/l)	ETBA (µg/l)	TBA (µg/l)	TBF (µg/l)	DIPE (µg/l)	Ethanol (µg/l)	ETBE (µg/l)
		RBSL 5	*RBSL 1,000*	*RBSL 700*	*RBSL 10,000*	*RBSL 25*	*RBSL 40*	*RBSL 5*	*RBSL 0.05*	*RBSL 15*	*RBSL 240*	*RBSL 128*	*RBSL NE*	*RBSL 1,400*	*RBSL NE*	*RBSL 150*	*RBSL 10,000*	*RBSL 47*
MW-1R DUP.	1/20/2015	**1,030**	**20,100**	**2,950**	**14,800**	**375**	<50.0	<50.0	**3.1**	NT	<1,000	<100	<1,000	<1,000	<500	<50.0	<2,000	<100
MW-7 DUP.	1/20/2015	**14,700**	**50,900**	**4,160**	**28,100**	<2,500	**1,000**	<100	**154**	NT	**6,680**	<200	<2,000	<2,000	<1,000	<100	<4,000	<200
MW-2 DUP.	2/9/2016	**17.8**	**8.4**	**138**	**108**	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
MW-8 DUP.	2/9/2016	**1,510**	**13,000**	**791**	**9,450**	**511**	<500	<500	**18.9**	NT	<10,000	<1,000	<10,000	<10,000	<5,000	<500	<20,000	<1,000
DUP-1 (TFR-3)	6/1/2018	**1,610**	**4,430**	**168**	**6,410**	**98.4J**	<125	<125	**72.4**	NT	<2,500	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
DUP-2 (TFR-6)	6/1/2018	**6,920**	**35,400**	**2,820**	**19,400**	**559J**	<1,000	<1,000	**79.3**	NT	<20,000	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
DUP-1 (TFR-11)	1/23/2020	**14,500**	**34,600**	**2,680**	**14,200**	<1,000	<1,000	<1,000	**352**	NT	**14,600J**	<2,000	<20,000	<20,000	<10,000	<1,000	<40,000	<2,000
DUP-2 (TFR-10)	1/23/2020	**1,450**	**4,330**	**310**	**2,560**	**72.1J**	<125	<125	**3.5**	NT	**2,290J**	<250	<2,500	<2,500	<1,250	<125	<5,000	<250
DUP-3 (MW-35)	1/23/2020	**11,400**	**45,800**	**3,160**	**21,700**	<1,250	<1,250	<1,250	**269**	NT	<25,000	<2,500	<25,000	<25,000	<12,500	<1,250	<50,000	<2,500
WSW DUP (WSW-3)	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.020	NT	<100	<10.0	<100	<100	<50.0	<1.0	<200	<10.0
DUP-1 (MW-19)	10/6/2020	**30.5**	<2.0	<1.8	<5.0	**39.8**	**57.8**	**3.1 J**	**0.057**	NT	**2910**	<3.0	<53.9	**206**	<24.1	<3.5	<144	<8.5
DUP-2 (MW-33)	10/6/2020	**16400**	**55300**	**4020**	**19500**	<836	<1240	<824	**280**	NT	**28000 J**	<1220	<21600	<36400	<9640	<1400	<57600	<3380
DUP-3 (TFR-9)	10/6/2020	**11900**	**29500**	**2270**	**14900**	**628 J**	<775	**669 J**	**160**	NT	**47400**	<760	<13500	<22800	<6020	<872	<36000	<2120
WSW DUP (WSW-5)	10/6/2020	<0.25	<0.24	<0.26	**0.60**	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
DUP-1 (TFR-6)	6/14/2021	**2720**	**21800**	**2180**	**15800**	**519 J**	<620	<412	**12.8**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
DUP-2 (MW-7)	6/14/2021	**4630**	**24200**	**2110**	**16600**	**677 J**	<620	<412	**50.2**	NT	<13100	<608	<10800	<18200	<4820	<698	<28800	<1690
DUP-3 (MW-2)	6/14/2021	**47.4**	**60.6**	**3.6 J**	**10.2**	<2.1	<3.1	<2.1	<0.0097	NT	**277**	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
WSW DUP (WSW-3)	6/14/2021	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
DUP-1 (TFR-4)	7/26/2022	**4050**	**14600**	**725**	**12100**	<240	<81.0	<25.0	**3.66**	NT	<860	<78.0	<700	<690	<690	<70.0	<5000	<72.0
DUP-2 (TFR-10)	7/26/2022	**5540**	**20100**	**1290**	**8140**	<1200	<405	<125	**2.25**	NT	<4300	<390	<3500	<3450	<3450	<350	<25000	<360
DUP-3 (MW-8)	7/27/2022	**401 J**	**14900**	**2680**	**16100**	<1200	<405	<125	**2.09**	NT	<4300	<390	<3500	<3450	<3450	<350	<25000	<360
WSW DUP (WSW-3)	7/26/2022	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00513	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
Field Blank	1/20/2015	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<0.020	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.019	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.038**	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/24/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.021	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.011	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	<0.011	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	<0.0096	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	<0.013	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00490	NT	<8.60	<0.780	<7.00	**9.34 J**	<6.90	<0.700	<50.0	<0.720
	7/27/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504	NT	<8.60	<0.780	<7.00	**10.4 J**	<6.90	<0.700	<50.0	<0.720
	7/26/2022	<0.0820	**0.127 J**	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
Trip Blank	8/31/2011	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	2/9/2016	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	6/1/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	1/23/2020	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NT	NT	<100	<10.0	<100	<100	<50.0	<5.0	<200	<10.0
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	10/6/2020	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	10/6/2020	<0.25	<0.24	<0.26	<0.25	<0.31	<0.094	<0.13	NT	NT	<53.9	<3.5	<62.0	<27.3	<24.7	<0.22	<98.8	<3.7
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<1.7	<2.0	<1.8	<5.0	<2.1	<3.1	<2.1	NT	NT	<65.6	<3.0	<53.9	<91.0	<24.1	<3.5	<144	<8.5
	6/14/2021	<0.21	<0.20	<0.22	<0.22	<0.35	<0.14	<0.16	NT	NT	<36.4	<2.7	<51.9	<26.8	<29.4	<0.31	<72.2	<3.2
	7/26/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
	7/27/2022	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
	7/26/2022	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	NT	NT	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

Notes:

1. BDL = Below Practical Quantitative Limits
2. ug/l = micrograms per liter
3. mg/l = milligrams per liter
4. MTBE = Methyl-Tertiary-Butyl Ether
5. See Appendix for Laboratory Detection Limits
6. NL = Not Located
7. DRY = Well was Dry at the time of Sampling
8. NT = Not Tested.
9. EDB = Ethylene Dibromide
10. 1,2 DCA = 1,2-Dichloroethane
11. PROD = Free Phase Petroleum Product
12. * = Sample collected beneath Product
13. "J" Values used in Total BTEX Calculations
14. "J" values report concentrations above the method detection limits (MDL) and below actual reporting limit (RL).
15. B = Detected in Method Blank
16. S = MS/MSD Failure
17. P = The RPD between the two columns exceeds 40%.
18. DIPE = Diisopropyl Ether
19. ETBE = Ethyl ter-butyl Ether
20. TAA = tert-Amyl Alcohol
21. TAME = tert-Amyl Methyl Ether
22. TBA = ter-Butyl Alcohol
23. TBF = tert-Butyl Formate
24. ETBA = 3,3-Dimethyl-1-Butanol
25. Abandoned = Well Has been Abandoned
26. Obstructed = Well Obstructed

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-1	12/28/1998	12-22	---	17.15	---	N/A	N/A
	8/18/1999		12.66	12.76	0.10	N/A	N/A
	11/1/2000		12.77	12.79	0.02	N/A	N/A
	8/21/2001		---	NL	---	N/A	NL
	8/17/2002		---	NL	---	N/A	NL
	7/17/2003		---	NL	---	N/A	NL
	2/21/2004		---	NL	---	N/A	NL
	10/20/2004		---	NL	---	N/A	NL
	8/22/2005		---	NL	---	N/A	NL
	11/28/2005		---	NL	---	N/A	NL
	3/9/2006		---	NL	---	N/A	NL
	6/29/2006		---	NL	---	N/A	NL
	6/22/2007		---	NL	---	N/A	NL
	10/1/2008		---	NL	---	N/A	NL
	4/2/2009		---	NL	---	N/A	NL
	6/15/2021		---	NL	---	N/A	NL
MW-1R	3/17/2010	13-23	---	16.51	---	171.85	155.34
	9/2/2010		---	16.70	---	171.85	155.15
	4/21/2011		---	17.30	---	171.85	154.55
	8/1/2013		---	17.30	---	171.85	154.55
	1/20/2015		---	17.91	---	171.85	153.94
	2/9/2016		---	16.11	---	171.85	155.74
	6/1/2018		---	16.22	---	171.85	155.63
	1/24/2020		---	15.48	---	171.85	156.37
	10/6/2020		---	12.94	---	171.85	158.91
	6/15/2021		---	13.84	---	171.85	158.01
	7/27/2022		---	17.29	---	171.85	154.56
MW-2	12/28/1998	14-24	---	16.57	---	171.75	155.18
	8/18/1999		---	Destroyed	---	171.75	Destroyed
	11/1/2000		---	Destroyed	---	171.75	Destroyed
	8/21/2001		---	Destroyed	---	171.75	Destroyed
	8/17/2002		---	20.10	---	171.75	151.65
	7/17/2003		---	17.12	---	171.75	154.63
	2/21/2004		---	17.77	---	171.75	153.98
	10/20/2004		---	17.50	---	171.75	154.25
	8/22/2005		---	17.03	---	171.75	154.72
	11/28/2005		---	17.51	---	171.75	154.24
	3/9/2006		---	16.85	---	171.75	154.90
	6/29/2006		---	17.83	---	171.75	153.92
	6/22/2007		---	18.31	---	171.75	153.44
	10/1/2008		---	18.77	---	171.75	152.98
	4/2/2009		---	17.61	---	171.75	154.14
	11/12/2009		---	18.06	---	171.75	153.69
	9/2/2010		---	16.59	---	171.75	155.16
	4/21/2011		---	17.22	---	171.75	154.53
	8/1/2013		---	16.61	---	171.75	155.14
	1/20/2015		---	17.73	---	171.75	154.02
	2/9/2016		---	14.94	---	171.75	156.81
	6/1/2018		---	16.10	---	171.75	155.65
	1/24/2020		---	15.32	---	171.75	156.43
	10/6/2020		---	12.80	---	171.75	158.95
	6/15/2021		---	14.26	---	171.75	157.49
	7/27/2022		---	17.42	---	171.75	154.33
MW-3	12/28/1998	14-24	---	18.28	---	173.70	155.42
	8/18/1999		---	18.81	---	173.70	154.89
	11/1/2000		---	20.51	---	173.70	153.19
	8/21/2001		---	21.10	---	173.70	152.60
	8/17/2002		---	21.79	---	173.70	151.91
	7/17/2003		---	18.83	---	173.70	154.87
	2/21/2004		---	19.60	---	173.70	154.10
	10/20/2004		---	19.25	---	173.70	154.45
	8/22/2005		---	18.87	---	173.70	154.83
	11/28/2005		---	19.13	---	173.70	154.57
	3/9/2006		---	19.84	---	173.70	153.86
	6/29/2006		---	17.89	---	173.70	155.81
	6/22/2007		---	NM	---	173.70	NM
	10/1/2008		---	NM	---	173.70	NM
	4/2/2009		---	NM	---	173.70	NM
	11/12/2009		---	18.57	---	173.70	155.13
	9/2/2010		---	18.32	---	173.70	155.38
	4/21/2011		---	19.15	---	173.70	154.55
	8/1/2013		---	17.93	---	173.70	155.77
	1/20/2015		---	19.55	---	173.70	154.15
	2/9/2016		---	16.62	---	173.70	157.08
	6/1/2018		---	7.85	---	173.70	165.85
	1/24/2020		---	17.08	---	173.70	156.62
	10/6/2020		---	14.50	---	173.70	159.20
	6/15/2021		---	14.57	---	173.70	159.13
	7/27/2022		---	18.91	---	173.70	154.79

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-4	12/28/1998*	14-24	15.89	16.14	0.25	171.17	155.24
	8/18/1999*		16.57	17.85	1.28	171.17	154.41
	11/1/2000*		17.80	20.11	2.31	171.17	153.02
	8/16/2001*		17.55	19.27	1.72	171.17	153.36
	8/17/2002*		19.47	20.80	1.33	171.17	151.50
	7/17/2003*		16.40	16.70	0.30	171.17	154.73
	2/21/2004*		17.27	17.68	0.41	171.17	153.84
	10/20/2004*		16.93	17.05	0.12	171.17	154.22
	8/22/2005		---	16.73	---	171.17	154.44
	11/28/2005		---	17.18	---	171.17	153.99
	3/9/2006		---	16.99	---	171.17	154.18
	6/29/2006		---	17.54	---	171.17	153.63
	6/22/2007		---	17.74	---	171.17	153.43
	10/1/2008		---	18.04	---	171.17	153.13
	4/2/2009		---	NM	---	171.17	NM
	11/12/2009		---	14.55	---	171.17	156.62
	9/2/2010		---	14.33	---	171.17	156.84
	4/21/2011		---	16.58	---	171.17	154.59
	8/1/2013		---	Obstructed	---	171.17	Obstructed
	1/20/2015		---	Obstructed	---	171.17	Obstructed
	2/9/2016		---	12.52	---	171.17	158.65
	6/1/2018		---	Obstructed	---	171.17	Obstructed
MW-4R	1/24/2020	12-22	---	14.77	---	171.22	156.45
	10/6/2020		---	12.22	---	171.22	159.00
	6/15/2021		---	13.46	---	171.22	157.76
	7/27/2022		---	16.53	---	171.22	154.69
MW-4D	1/24/2020	52-57	---	15.37	---	171.17	155.80
	10/6/2020		---	13.51	---	171.17	157.66
	6/15/2021		---	14.90	---	171.17	156.27
	7/27/2022		---	18.24	---	171.17	152.93
MW-5i	8/19/1999	40-45	---	17.12	---	171.15	154.03
	11/1/2000		---	19.21	---	171.15	151.94
	8/21/2001		---	19.01	---	171.15	152.14
	8/17/2002		---	21.18	---	171.15	149.97
	7/17/2003		---	17.45	---	171.15	153.70
	2/21/2004		---	17.79	---	171.15	153.36
	10/20/2004		---	17.53	---	171.15	153.62
	8/22/2005		---	17.17	---	171.15	153.98
	11/28/2005		---	17.66	---	171.15	153.49
	3/9/2006		---	17.11	---	171.15	154.04
	6/29/2006		---	18.15	---	171.15	153.00
	6/22/2007		---	18.53	---	171.15	152.62
	10/1/2008		---	18.46	---	171.15	152.69
	4/2/2009		---	17.24	---	171.15	153.91
	11/12/2009		---	17.96	---	171.15	153.19
	9/2/2010		---	16.65	---	171.15	154.50
	4/21/2011		---	17.08	---	171.15	154.07
	8/1/2013		---	16.95	---	171.15	154.20
	1/20/2015		---	17.48	---	171.15	153.67
	2/9/2016		---	14.35	---	171.15	156.80
	6/1/2018		---	16.00	---	171.15	155.15
	1/24/2020		---	15.04	---	171.15	156.11
	10/6/2020		---	12.59	---	171.15	158.56
	6/15/2021		---	14.09	---	171.15	157.06
	7/27/2022		---	17.49	---	171.15	153.66
MW-6	8/18/1999	12-22	---	17.66	---	171.25	153.59
	11/1/2000		---	18.30	---	171.25	152.95
	8/16/2001		---	17.90	---	171.25	153.35
	8/17/2002		---	19.75	---	171.25	151.50
	7/17/2003		---	16.74	---	171.25	154.51
	2/21/2004		---	17.33	---	171.25	153.92
	10/20/2004		---	16.76	---	171.25	154.49
	8/22/2005		---	16.42	---	171.25	154.83
	11/28/2005		---	16.81	---	171.25	154.44
	3/9/2006		---	17.56	---	171.25	153.69
	6/29/2006		---	18.51	---	171.25	152.74
	6/22/2007		---	17.55	---	171.25	153.70
	10/1/2008		---	17.92	---	171.25	153.33
	4/2/2009		---	14.73	---	171.25	156.52
	11/12/2009		---	15.60	---	171.25	155.65
	9/2/2010		---	15.74	---	171.25	155.51
	4/21/2011		---	16.40	---	171.25	154.85
	8/1/2013		---	16.87	---	171.25	154.38
	1/20/2015		---	Obstructed	---	171.25	Obstructed
	2/9/2016		---	14.09	---	171.25	157.16
	6/1/2018		---	15.34	---	171.25	155.91
	1/24/2020		---	14.55	---	171.25	156.70
	10/6/2020		---	12.04	---	171.25	159.21
	6/15/2021		---	12.91	---	171.25	158.34
	7/27/2022		---	Obstructed	---	171.25	Obstructed

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-7	8/18/1999*	12-22	16.52	18.21	1.69	171.23	154.46
	11/2/2000*		17.94	20.77	2.83	171.23	152.87
	8/24/2001*		17.75	19.99	2.24	171.23	153.14
	8/17/2002*		19.40	22.00	2.60	171.23	151.44
	7/17/2003*		16.80	17.15	0.35	171.23	154.38
	2/21/2004*		17.42	18.51	1.09	171.23	153.65
	10/20/2004		---	17.39	---	171.23	153.84
	8/22/2005		Sheen	17.00	Sheen	171.23	154.23
	11/28/2005		---	17.46	---	171.23	153.77
	3/9/2006		---	17.60	---	171.23	153.63
	6/29/2006*		18.02	19.52	1.50	171.23	152.99
	6/22/2007*		17.99	19.18	1.19	171.23	153.06
	10/1/2008*		18.79	20.09	1.30	171.23	152.25
	4/2/2009		NM	NM	0.25	171.23	N/A
	11/12/2009		---	17.97	---	171.23	153.26
	9/2/2010		---	16.57	---	171.23	154.66
	4/21/2011		---	17.10	---	171.23	154.13
	8/1/2013		---	16.68	---	171.23	154.55
	1/20/2015		---	15.52	---	171.23	155.71
	2/9/2016		---	14.92	---	171.23	156.31
	6/1/2018		---	16.01	---	171.23	155.22
	1/23/2020		---	15.87	---	171.23	155.36
	10/6/2020		---	12.83	---	171.23	158.40
	6/15/2021		---	13.64	---	171.23	157.59
	7/27/2022		---	17.02	---	171.23	154.21
MW-8	8/18/1999	13-23	---	17.74	---	172.15	154.41
	11/2/2000*		18.83	21.30	2.47	172.15	152.95
	8/24/2001*		18.63	20.48	1.85	172.15	153.24
	8/17/2002*		19.96	22.60	2.64	172.15	151.79
	7/17/2003*		17.82	17.85	0.03	172.15	154.33
	2/21/2004*		18.56	18.63	0.07	172.15	153.58
	10/20/2004		---	18.30	---	172.15	153.85
	8/22/2005		---	17.90	---	172.15	154.25
	11/28/2005		---	18.35	---	172.15	153.80
	3/9/2006		---	18.49	---	172.15	153.66
	6/29/2006*		19.41	19.51	0.10	172.15	152.73
	6/22/2007		---	19.01	---	172.15	153.14
	10/1/2008*		19.54	19.64	0.10	172.15	152.60
	4/2/2009		---	18.42	---	172.15	153.73
	11/12/2009		---	18.26	---	172.15	153.89
	9/2/2010		---	17.45	---	172.15	154.70
	4/21/2011		---	17.95	---	172.15	154.20
	8/1/2013		---	17.55	---	172.15	154.60
	1/20/2015		---	18.64	---	172.15	153.51
	2/9/2016		---	15.83	---	172.15	156.32
	6/1/2018		---	17.88	---	172.15	154.27
	1/23/2020		---	16.14	---	172.15	156.01
	10/6/2020		---	13.71	---	172.15	158.44
	6/15/2021		---	14.41	---	172.15	157.74
	7/27/2022		---	17.87	---	172.15	154.28
MW-9	8/18/1999*	13-23	16.69	16.99	0.30	170.53	153.80
	11/2/2000*		17.76	20.22	2.46	170.53	152.40
	8/24/2001*		17.50	19.58	2.08	170.53	152.72
	8/17/2002*		19.11	21.42	2.31	170.53	151.07
	7/17/2003*		16.73	16.85	0.12	170.53	153.78
	2/21/2004*		17.26	17.77	0.51	170.53	153.19
	10/20/2004		---	17.25	---	170.53	153.28
	8/22/2005		---	16.80	---	170.53	153.73
	11/28/2005		---	17.33	---	170.53	153.20
	3/9/2006		---	17.32	---	170.53	153.21
	6/29/2006*		18.35	18.43	0.08	170.53	152.17
	6/22/2007		---	17.98	---	170.53	152.55
	10/1/2008		---	18.48	---	170.53	152.05
	4/2/2009		---	19.23	---	170.53	151.30
	11/12/2009		---	17.73	---	170.53	152.80
	9/2/2010		---	16.35	---	170.53	154.18
	4/21/2011		---	16.80	---	170.53	153.73
	8/1/2013		---	Abandoned	---	170.53	Abandoned
MW-10	8/18/1999	13-23	---	16.60	---	170.31	153.71
	11/2/2000*		17.51	20.36	2.85	170.31	152.37
	8/24/2001*		17.27	19.83	2.56	170.31	152.66
	8/17/2002*		18.65	21.58	2.93	170.31	151.22
	7/17/2003*		16.49	17.56	1.07	170.31	153.66
	2/21/2004*		16.94	18.65	1.71	170.31	153.11
	10/20/2004*		16.97	17.95	0.98	170.31	153.19
	8/22/2005		---	16.79	---	170.31	153.52
	11/28/2005		---	16.83	---	170.31	153.48
	3/9/2006		---	17.35	---	170.31	152.96
	6/29/2006*		18.31	18.46	0.15	170.31	151.98
	6/22/2007*		17.78	18.22	0.44	170.31	152.46
	10/1/2008*		18.58	19.16	0.58	170.31	151.64
	4/2/2009		---	18.71	---	170.31	151.60
	11/12/2009*		17.62	17.77	0.15	170.31	152.67
	9/2/2010*		16.33	16.34	0.01	170.31	153.98
	4/21/2011		---	16.74	---	170.31	153.57
	8/1/2013		---	Abandoned	---	170.31	Abandoned

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-11	8/18/1999	13-23	---	15.95	---	N/A	N/A
	11/2/2000		---	17.66	---	N/A	N/A
	8/16/2001		---	17.23	---	N/A	N/A
	8/17/2002		---	19.30	---	N/A	N/A
	7/18/2003		---	15.96	---	N/A	N/A
	2/21/2004		---	16.51	---	N/A	N/A
	10/20/2004		---	NL	---	N/A	NL
	8/22/2005		---	NL	---	N/A	NL
	11/28/2005		---	NL	---	N/A	NL
	3/9/2006		---	NL	---	N/A	NL
	6/29/2006		---	NL	---	N/A	NL
	6/22/2007		---	NL	---	N/A	NL
	10/1/2008		---	NL	---	N/A	NL
	4/2/2009		---	NL	---	N/A	NL
	11/12/2009		---	NL	---	N/A	NL
MW-11R	3/17/2010	13-23	---	15.19	---	170.33	155.14
	9/2/2010		---	15.59	---	170.33	154.74
	4/21/2011		---	16.11	---	170.33	154.22
	8/1/2013		---	15.54	---	170.33	154.79
	1/20/2015		---	16.56	---	170.33	153.77
	2/9/2016		---	13.65	---	170.33	156.68
	6/1/2018		---	14.97	---	170.33	155.36
	1/24/2020		---	14.14	---	170.33	156.19
	10/6/2020		---	11.60	---	170.33	158.73
	6/14/2021		---	13.45	---	170.33	156.88
	7/26/2022		---	16.11	---	170.33	154.22
MW-12	8/19/1999	10-30	---	17.62	---	172.28	154.66
	11/1/2000*		18.63	21.38	2.75	172.28	153.24
	8/24/2001*		18.50	20.41	1.91	172.28	153.49
	8/17/2002*		20.08	22.73	2.65	172.28	151.80
	7/17/2003*		17.60	17.90	0.30	172.28	154.64
	2/21/2004*		18.08	19.18	1.10	172.28	154.04
	10/20/2004*		17.93	18.57	0.64	172.28	154.25
	8/22/2005		Sheen	17.65	Sheen	172.28	154.63
	11/28/2005		---	18.04	---	172.28	154.24
	3/9/2006		---	DRY	---	172.28	DRY
	6/29/2006		---	DRY	---	172.28	DRY
	6/22/2007		---	DRY	---	172.28	DRY
	10/1/2008		---	NM	---	172.28	NM
	4/2/2009		---	29.40	---	172.28	142.88
	11/12/2009		---	18.31	---	172.28	153.97
	9/2/2010		---	17.13	---	172.28	155.15
	4/21/2011		---	17.73	---	172.28	154.55
	8/1/2013		---	17.14	---	172.28	155.14
	1/20/2015		---	18.26	---	172.28	154.02
	2/9/2016		---	15.47	---	172.28	156.81
	6/1/2018		---	16.71	---	172.28	155.57
	1/24/2020		---	15.84	---	172.28	156.44
	10/6/2020		---	13.35	---	172.28	158.93
	6/15/2021		---	14.28	---	172.28	158.00
	7/27/2022		---	17.57	---	172.28	154.71
MW-13	10/18/1999	13-23	---	18.73	---	172.43	153.70
	11/1/2000		---	19.84	---	172.43	152.59
	8/20/2001		---	19.42	---	172.43	153.01
	8/17/2002		---	20.91	---	172.43	151.52
	7/17/2003		---	18.21	---	172.43	154.22
	2/21/2004		---	19.06	---	172.43	153.37
	10/20/2004		---	18.78	---	172.43	153.65
	8/22/2005		---	18.37	---	172.43	154.06
	11/28/2005		---	18.72	---	172.43	153.71
	3/9/2006		---	18.92	---	172.43	153.51
	6/29/2006		---	19.92	---	172.43	152.51
	6/22/2007		---	17.17	---	172.43	155.26
	10/1/2008		---	NM	---	172.43	NM
	4/2/2009		---	NM	---	172.43	NM
	11/12/2009		---	19.34	---	172.43	153.09
	9/2/2010		---	17.96	---	172.43	154.47
	4/21/2011		---	18.37	---	172.43	154.06
	8/1/2013		---	17.97	---	172.43	154.46
	1/20/2015		---	19.00	---	172.43	153.43
	2/9/2016		---	16.28	---	172.43	156.15
	6/1/2018		---	17.30	---	172.43	155.13
	1/23/2020		---	16.54	---	172.43	155.89
	10/6/2020		---	14.20	---	172.43	158.23
	6/15/2021		---	15.04	---	172.43	157.39
	7/27/2022		---	18.36	---	172.43	154.07
MW-13i	1/23/2020	40-45	---	17.38	---	172.40	155.02
	10/6/2020		---	14.44	---	172.40	157.96
	6/15/2021		---	15.54	---	172.40	156.86
	7/27/2022		---	18.79	---	172.40	153.61
MW-13D	1/23/2020	53-58	---	13.80	---	172.34	158.54
	10/6/2020		---	15.12	---	172.34	157.22
	6/15/2021		---	16.70	---	172.34	155.64
	7/27/2022		---	20.12	---	172.34	152.22

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-14	10/18/1999	10-20	---	12.81	---	164.01	151.20
	11/2/2000		---	13.98	---	164.01	150.03
	8/21/2001		---	13.83	---	164.01	150.18
	8/17/2002		---	15.13	---	164.01	148.88
	7/18/2003		---	12.81	---	164.01	151.20
	3/6/2004		---	12.35	---	164.01	151.66
	10/20/2004		---	13.21	---	164.01	150.80
	8/22/2005		---	12.91	---	164.01	151.10
	11/28/2005		---	13.28	---	164.01	150.73
	3/9/2006		---	12.61	---	164.01	151.40
	6/29/2006		---	13.65	---	164.01	150.36
	6/22/2007		---	13.76	---	164.01	150.25
	10/1/2008		---	NM	---	164.01	NM
	4/2/2009		---	12.40	---	164.01	151.61
	11/12/2009		---	13.35	---	164.01	150.66
	9/2/2010		---	12.51	---	164.01	151.50
	4/21/2011		---	12.49	---	164.01	151.52
	8/1/2013		---	11.81	---	164.01	152.20
	1/20/2015		---	12.63	---	164.01	151.38
	2/9/2016		---	10.39	---	164.01	153.62
	6/1/2018		---	11.21	---	164.01	152.80
	1/23/2020		---	10.61	---	164.01	153.40
	10/6/2020		---	10.12	---	164.01	153.89
	6/14/2021		---	10.33	---	164.01	153.68
	7/26/2022		---	12.55	---	164.01	151.46
MW-15	10/18/1999	8-18	---	11.86	---	163.92	152.06
	11/1/2000		---	13.06	---	163.92	150.86
	8/21/2001		---	12.65	---	163.92	151.27
	8/17/2002		---	14.14	---	163.92	149.78
	7/18/2003		---	11.34	---	163.92	152.58
	2/21/2004		---	11.75	---	163.92	152.17
	10/20/2004		---	13.46	---	163.92	150.46
	8/22/2005		---	11.81	---	163.92	152.11
	11/28/2005		---	12.26	---	163.92	151.66
	3/9/2006		---	13.02	---	163.92	150.90
	6/29/2006		---	12.73	---	163.92	151.19
	6/22/2007		---	12.56	---	163.92	151.36
	10/1/2008		---	NM	---	163.92	NM
	4/2/2009		---	11.44	---	163.92	152.48
	11/12/2009		---	12.35	---	163.92	151.57
	9/2/2010		---	11.05	---	163.92	152.87
	4/21/2011		---	11.24	---	163.92	152.68
	8/1/2013		---	10.53	---	163.92	153.39
	1/20/2015		---	5.61	---	163.92	158.31
	2/9/2016		---	9.95	---	163.92	153.97
	6/1/2018		---	10.70	---	163.92	153.22
	1/23/2020		---	9.53	---	163.92	154.39
	10/6/2020		---	8.41	---	163.92	155.51
	6/14/2021		---	9.02	---	163.92	154.90
	7/26/2022		---	11.85	---	163.92	152.07
MW-16	10/18/1999	10-20	---	13.67	---	166.77	153.10
	11/1/2000		---	14.88	---	166.77	151.89
	8/16/2001		---	14.31	---	166.77	152.46
	8/17/2002		---	16.07	---	166.77	150.70
	7/18/2003		---	13.02	---	166.77	153.75
	2/21/2004		---	13.70	---	166.77	153.07
	10/20/2004		---	11.84	---	166.77	154.93
	8/22/2005		---	13.15	---	166.77	153.62
	11/28/2005		---	13.74	---	166.77	153.03
	3/9/2006		---	14.51	---	166.77	152.26
	6/29/2006		---	14.58	---	166.77	152.19
	6/22/2007		---	14.41	---	166.77	152.36
	10/1/2008		---	NM	---	166.77	NM
	4/2/2009		---	NM	---	166.77	NM
	11/12/2009		---	14.13	---	166.77	152.64
	9/2/2010		---	12.64	---	166.77	154.13
	4/21/2011		---	13.13	---	166.77	153.64
	8/1/2013		---	12.55	---	166.77	154.22
	1/20/2015		---	13.66	---	166.77	153.11
	2/9/2016		---	10.93	---	166.77	155.84
	6/1/2018		---	12.12	---	166.77	154.65
	1/23/2020		---	11.42	---	166.77	155.35
	10/6/2020		---	10.11	---	166.77	156.66
	6/14/2021		---	10.14	---	166.77	156.63
	7/26/2022		---	13.29	---	166.77	153.48
MW-16i	1/23/2020	40-45	---	11.64	---	166.66	155.02
	10/6/2020		---	10.02	---	166.66	156.64
	6/14/2021		---	10.84	---	166.66	155.82
	7/26/2022		---	13.47	---	166.66	153.19
MW-16D	1/23/2020	55-60	---	12.77	---	166.78	154.01
	10/6/2020		---	10.83	---	166.78	155.95
	6/14/2021		---	13.34	---	166.78	153.44
	7/26/2022		---	15.49	---	166.78	151.29

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-17	11/8/2000	10-20	---	12.88	---	N/A	N/A
	8/24/2001		---	12.65	---	N/A	N/A
	8/17/2002		---	NL	---	N/A	NL
	7/18/2008		---	NL	---	N/A	NL
	2/21/2004		---	NL	---	N/A	NL
	10/20/2004		---	NL	---	N/A	NL
	8/22/2005		---	NL	---	N/A	NL
	11/28/2005		---	NL	---	N/A	NL
	3/9/2006		---	NL	---	N/A	NL
	6/29/2006		---	NL	---	N/A	NL
	6/22/2007		---	NL	---	N/A	NL
	10/1/2008		---	NL	---	N/A	NL
	4/2/2009		---	NL	---	N/A	NL
	11/12/2009		---	NL	---	N/A	NL
MW-17R	3/17/2010	10-20	---	11.73	---	163.81	152.08
	9/2/2010		---	13.05	---	163.81	150.76
	4/21/2011		---	12.55	---	163.81	151.26
	8/1/2013		---	11.65	---	163.81	152.16
	1/20/2015		---	13.63	---	163.81	150.18
	2/9/2016		---	10.18	---	163.81	153.63
	6/1/2018		---	11.02	---	163.81	152.79
	1/23/2020		---	10.47	---	163.81	153.34
	10/6/2020		---	9.64	---	163.81	154.17
	6/14/2021		---	10.21	---	163.81	153.60
	7/26/2022		---	12.58	---	163.81	151.23
MW-18	11/8/2000	10-20	---	14.93	---	165.04	150.11
	8/20/2001		---	14.43	---	165.04	150.61
	8/17/2002		---	15.83	---	165.04	149.21
	7/18/2003		---	13.39	---	165.04	151.65
	2/21/2004		---	13.43	---	165.04	151.61
	10/20/2004		---	13.80	---	165.04	151.24
	8/22/2005		---	13.50	---	165.04	151.54
	11/28/2005		---	13.87	---	165.04	151.17
	3/9/2006		---	14.41	---	165.04	150.63
	6/29/2006		---	18.02	---	165.04	147.02
	6/22/2007		---	NM	---	165.04	NM
	10/1/2008		---	NM	---	165.04	NM
	4/2/2009		---	NM	---	165.04	NM
	11/12/2009		---	0.00	---	165.04	165.04
	9/2/2010		---	4.30	---	165.04	160.74
	4/21/2011		---	13.10	---	165.04	151.94
	8/1/2013		---	12.20	---	165.04	152.84
	1/20/2015		---	13.48	---	165.04	151.56
	2/9/2016		---	10.83	---	165.04	154.21
	6/1/2018		---	11.71	---	165.04	153.33
	1/23/2020		---	11.22	---	165.04	153.82
	10/6/2020		---	10.10	---	165.04	154.94
	6/14/2021		---	10.86	---	165.04	154.18
	7/26/2022		---	13.25	---	165.04	151.79
MW-19	11/8/2000	3-13	---	5.13	---	149.34	144.21
	8/21/2001		---	5.09	---	149.34	144.25
	8/17/2002		---	6.04	---	149.34	143.30
	7/18/2003		---	4.45	---	149.34	144.89
	3/6/2004		---	3.65	---	149.34	145.69
	10/20/2004		---	NL	---	149.34	NL
	8/22/2005		---	NL	---	149.34	NL
	11/28/2005		---	5.87	---	149.34	143.47
	3/9/2006		---	3.89	---	149.34	145.45
	6/29/2006		---	4.79	---	149.34	144.55
	6/22/2007		---	NM	---	149.34	NM
	10/1/2008		---	NM	---	149.34	NM
	4/2/2009		---	NL	---	149.34	NL
	11/12/2009		---	NL	---	149.34	NL
	3/17/2010		---	3.38	---	149.34	145.96
	9/2/2010		---	3.11	---	149.34	146.23
	4/21/2011		---	3.96	---	149.34	145.38
	8/1/2013		---	3.04	---	149.34	146.30
	1/20/2015		---	3.51	---	149.34	145.83
	2/9/2016		---	2.69	---	149.34	146.65
	6/1/2018		---	NL	---	149.34	NL
	1/24/2020		---	2.94	---	149.34	146.40
	10/6/2020		---	2.88	---	149.34	146.46
	6/15/2021		---	3.72	---	149.34	145.62
	7/26/2022		---	8.65	---	153.52	144.87

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-20	11/8/2000	3-13	---	3.40	---	153.24	149.84
	8/21/2001		---	3.59	---	153.24	149.65
	8/17/2002		---	4.67	---	153.24	148.57
	7/18/2003		---	2.71	---	153.24	150.53
	3/6/2004		---	1.85	---	153.24	151.39
	10/20/2004		---	NL	---	153.24	NL
	8/22/2005		---	NL	---	153.24	NL
	11/28/2005		---	6.14	---	153.24	147.10
	3/9/2006		---	2.89	---	153.24	150.35
	6/29/2006		---	1.54	---	153.24	151.70
	6/22/2007		---	2.86	---	153.24	150.38
	10/1/2008		---	NM	---	153.24	NM
	4/2/2009		---	1.61	---	153.24	151.63
	11/12/2009		---	1.92	---	153.24	151.32
	9/2/2010		---	6.35	---	153.24	146.89
	4/21/2011		---	NL	---	153.24	NL
	8/1/2013		---	NL	---	153.24	NL
	1/20/2015		---	NL	---	153.24	NL
	2/9/2016		---	NL	---	153.24	NL
	6/1/2018		---	NL	---	153.24	NL
	1/23/2020		---	4.00	---	153.24	149.24
	10/6/2020		---	3.75	---	153.24	149.49
	6/14/2021		---	4.52	---	153.24	148.72
	7/26/2022		---	6.55	---	153.24	146.69
MW-21	8/20/2001	3-8	---	2.90	---	145.46	142.56
	8/18/2002		---	2.43	---	145.46	143.03
	7/18/2003		---	0.70	---	145.46	144.76
	3/6/2004		---	0.00	---	145.46	145.46
	10/20/2004		---	1.22	---	145.46	144.24
	8/22/2005		---	NL	---	145.46	NL
	11/28/2005		---	6.21	---	145.46	139.25
	3/9/2006		---	1.71	---	145.46	143.75
	6/29/2006		---	1.50	---	145.46	143.96
	6/22/2007		---	NM	---	145.46	NM
	10/1/2008		---	NM	---	145.46	NM
	4/2/2009		---	NL	---	145.46	NL
	11/12/2009		---	0.07	---	145.46	145.39
	9/2/2010		---	NL	---	145.46	NL
	4/21/2011		---	1.75	---	145.46	143.71
	8/1/2013		---	NL	---	145.46	NL
	1/20/2015		---	NL	---	145.46	NL
	2/9/2016		---	NL	---	145.46	NL
	6/1/2018		---	NL	---	145.46	NL
	1/24/2020		---	NL	---	145.46	NL
	10/6/2020		---	NL	---	145.46	NL
	6/14/2021		---	NL	---	145.46	NL
	7/26/2022		---	NL	---	145.46	NL
MW-22	8/20/2001	3-13	---	2.50	---	145.86	143.36
	8/18/2002		---	2.40	---	145.86	143.46
	7/18/2003		---	0.85	---	145.86	145.01
	3/6/2004		---	0.00	---	145.86	145.86
	10/20/2004		---	0.60	---	145.86	145.26
	8/22/2005		---	NL	---	145.86	NL
	11/28/2005		---	5.88	---	145.86	139.98
	3/9/2006		---	2.15	---	145.86	143.71
	6/29/2006		---	1.13	---	145.86	144.73
	6/22/2007		---	NM	---	145.86	NM
	10/1/2008		---	NM	---	145.86	NM
	4/2/2009		---	NL	---	145.86	NL
	11/12/2009		---	0.95	---	145.86	144.91
	9/2/2010		---	NL	---	145.86	NL
	4/21/2011		---	1.65	---	145.86	144.21
	8/1/2013		---	NL	---	145.86	NL
	1/20/2015		---	NL	---	145.86	NL
	2/9/2016		---	NL	---	145.86	NL
	6/1/2018		---	NL	---	145.86	NL
	1/23/2020		---	1.63	---	145.86	144.23
	10/6/2020		---	1.10	---	145.86	144.76
	6/14/2021		---	1.49	---	145.86	144.37
	7/26/2022		---	7.34	---	149.81	142.47
MW-23	8/20/2001	3-13	---	0.60	---	145.47	144.87
	8/18/2002		---	0.93	---	145.47	144.54
	7/18/2003		---	0.10	---	145.47	145.37
	3/6/2004		---	0.00	---	145.47	145.47
	10/20/2004		---	0.60	---	145.47	144.87
	8/22/2005		---	NL	---	145.47	NL
	11/28/2005		---	5.91	---	145.47	139.56
	3/9/2006		---	2.02	---	145.47	143.45
	6/29/2006		---	0.00	---	145.47	145.47
	6/22/2007		---	NM	---	145.47	NM
	10/1/2008		---	NM	---	145.47	NM
	4/2/2009		---	NL	---	145.47	NL
	11/12/2009		---	0.00	---	145.47	145.47
	9/2/2010		---	NL	---	145.47	NL
	4/21/2011		---	0.60	---	145.47	144.87
	8/1/2013		---	NL	---	145.47	NL
	1/20/2015		---	NL	---	145.47	NL
	2/9/2016		---	NL	---	145.47	NL
	6/1/2018		---	NL	---	145.47	NL
	1/23/2020		---	0.00	---	145.47	145.47
	10/6/2020		---	0.00	---	145.47	145.47
	6/14/2021		---	0.50	---	145.47	144.97
	7/26/2022		---	5.88	---	148.33	142.45

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-24	8/20/2001	3-13	---	0.70	---	144.62	143.92
	8/18/2002		---	0.65	---	144.62	143.97
	7/18/2003		---	0.08	---	144.62	144.54
	3/6/2004		---	0.00	---	144.62	144.62
	10/20/2004		---	0.60	---	144.62	144.02
	8/22/2005		---	NL	---	144.62	NL
	11/28/2005		---	5.77	---	144.62	138.85
	3/9/2006		---	NL	---	144.62	NL
	6/29/2006		---	1.00	---	144.62	143.62
	6/22/2007		---	NM	---	144.62	NM
	10/1/2008		---	NM	---	144.62	NM
	4/2/2009		---	NL	---	144.62	NL
	11/12/2009		---	NL	---	144.62	NL
	9/2/2010		---	NL	---	144.62	NL
	4/21/2011		---	NL	---	144.62	NL
	8/1/2013		---	NL	---	144.62	NL
	1/20/2015		---	NL	---	144.62	NL
	2/9/2016		---	NL	---	144.62	NL
	6/1/2018		---	NL	---	144.62	NL
	1/24/2020		---	NL	---	144.62	NL
	10/6/2020		---	NL	---	144.62	NL
	6/14/2021		---	NL	---	144.62	NL
	7/26/2022		---	NL	---	144.62	NL
MW-25	7/18/2003	6-16	---	10.08	---	162.47	152.39
	3/6/2004		---	9.87	---	162.47	152.60
	10/20/2004		---	10.61	---	162.47	151.86
	8/22/2005		---	10.28	---	162.47	152.19
	11/28/2005		---	9.78	---	162.47	152.69
	3/9/2006		---	10.33	---	162.47	152.14
	6/29/2006		---	11.15	---	162.47	151.32
	6/22/2007		---	NM	---	162.47	NM
	10/1/2008		---	NM	---	162.47	NM
	4/2/2009		---	10.06	---	162.47	152.41
	11/12/2009		---	11.14	---	162.47	151.33
	9/2/2010		---	9.80	---	162.47	152.67
	4/21/2011		---	9.85	---	162.47	152.62
	8/1/2013		---	9.16	---	162.47	153.31
	1/20/2015		---	10.33	---	162.47	152.14
	2/9/2016		---	7.56	---	162.47	154.91
	6/1/2018		---	8.50	---	162.47	153.97
	1/23/2020		---	7.75	---	162.47	154.72
	10/6/2020		---	6.28	---	162.47	156.19
	6/14/2021		---	7.29	---	162.47	155.18
	7/26/2022		---	10.09	---	162.47	152.38
MW-26	7/18/2003	5-15	---	5.51	---	150.23	144.72
	3/6/2004		---	4.00	---	150.23	146.23
	10/20/2004		---	5.56	---	150.23	144.67
	8/22/2005		---	NL	---	150.23	NL
	11/28/2005		---	10.22	---	150.23	140.01
	3/9/2006		---	5.19	---	150.23	145.04
	6/29/2006		---	5.81	---	150.23	144.42
	6/22/2007		---	NM	---	150.23	NM
	10/1/2008		---	NM	---	150.23	NM
	4/2/2009		---	4.11	---	150.23	146.12
	11/12/2009		---	NL	---	150.23	NL
	9/2/2010		---	NL	---	150.23	NL
	4/21/2011		---	NL	---	150.23	NL
	8/1/2013		---	NL	---	150.23	NL
	1/20/2015		---	NL	---	150.23	NL
	2/9/2016		---	NL	---	150.23	NL
	6/1/2018		---	NL	---	150.23	NL
	1/23/2020		---	3.25	---	150.23	146.98
	10/6/2020		---	3.46	---	150.23	146.77
	6/14/2021		---	5.19	---	150.23	145.04
	7/26/2022		---	9.99	---	154.68	144.69
MW-27	7/18/2003	6-16	---	2.05	---	146.19	144.14
	3/6/2004		---	0.00	---	146.19	146.19
	10/20/2004		---	1.53	---	146.19	144.66
	8/22/2005		---	NL	---	146.19	NL
	11/28/2005		---	5.91	---	146.19	140.28
	3/9/2006		---	1.68	---	146.19	144.51
	6/29/2006		---	1.68	---	146.19	144.51
	6/22/2007		---	NM	---	146.19	NM
	10/1/2008		---	NM	---	146.19	NM
	4/2/2009		---	NL	---	146.19	NL
	11/12/2009		---	2.19	---	146.19	144.00
	9/2/2010		---	NL	---	146.19	NL
	4/21/2011		---	3.00	---	146.19	143.19
	8/1/2013		---	NL	---	146.19	NL
	1/20/2015		---	NL	---	146.19	NL
	2/9/2016		---	NL	---	146.19	NL
	6/1/2018		---	NL	---	146.19	NL
	1/24/2020		---	2.51	---	146.19	143.68
	10/6/2020		---	2.60	---	146.19	143.59
	6/15/2021		---	2.28	---	146.19	143.91
	7/26/2022		---	10.79	---	150.28	139.49

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
MW-28	3/17/2010	2-12	---	4.81	---	153.73	148.92
	9/2/2010		---	5.65	---	153.73	148.08
	4/21/2011		---	5.31	---	153.73	148.42
	8/1/2013		---	1.51	---	153.73	152.22
	1/20/2015		---	2.00	---	153.73	151.73
	2/9/2016		---	3.18	---	153.73	150.55
	6/1/2018		---	NL	---	153.73	NL
	1/23/2020		---	4.16	---	153.73	149.57
	10/6/2020		---	3.45	---	153.73	150.28
	6/14/2021		---	3.96	---	153.73	149.77
	7/26/2022		---	5.69	---	153.73	148.04
MW-29	1/23/2020	10-20	---	13.73	---	169.20	155.47
	10/6/2020		---	12.11	---	169.20	157.09
	6/14/2021		---	12.63	---	169.20	156.57
	7/27/2022		---	15.81	---	169.20	153.39
MW-29i	1/23/2020	40-45	---	14.11	---	169.12	155.01
	10/6/2020		---	12.14	---	169.12	156.98
	6/14/2021		---	12.75	---	169.12	156.37
	7/27/2022		---	15.81	---	169.12	153.31
MW-29D	1/23/2020	55-60	---	14.72	---	169.08	154.36
	10/6/2020		---	13.42	---	169.08	155.66
	6/14/2021		---	15.34	---	169.08	153.74
	7/27/2022		---	18.02	---	169.08	151.06
MW-30	1/23/2020	10-20	---	10.48	---	168.05	157.57
	10/6/2020		---	11.68	---	168.05	156.37
	6/14/2021		---	12.26	---	168.05	155.79
	7/27/2022		---	15.12	---	168.05	152.93
MW-31	1/23/2020	10-20	---	13.52	---	167.65	154.13
	10/6/2020		---	12.09	---	167.65	155.56
	6/14/2021		---	12.68	---	167.65	154.97
	7/26/2022		---	15.11	---	167.65	152.54
MW-32	1/23/2020	10-20	---	13.09	---	168.07	154.98
	10/6/2020		---	11.28	---	168.07	156.79
	6/14/2021		---	11.82	---	168.07	156.25
	7/26/2022		---	14.79	---	168.07	153.28
MW-33	1/23/2020	10-20	---	13.85	---	169.33	155.48
	10/6/2020		---	11.64	---	169.33	157.69
	6/14/2021		---	12.28	---	169.33	157.05
	7/27/2022		---	15.65	---	169.33	153.68
MW-34	1/23/2020	10-20	---	14.28	---	170.36	156.08
	10/6/2020		---	12.54	---	170.36	157.82
	6/15/2021		---	13.19	---	170.36	157.17
	7/27/2022		---	16.53	---	170.36	153.83
MW-35	1/23/2020	10-20	---	13.72	---	171.18	157.46
	10/6/2020		---	13.32	---	171.18	157.86
	6/15/2021		---	14.00	---	171.18	157.18
	7/27/2022		---	17.69	---	171.18	153.49
TFR-1	9/2/2010	TD: 24.40'	---	16.31	---	171.56	155.25
	4/21/2011		---	16.95	---	171.56	154.61
	8/1/2013		---	17.31	---	171.56	154.25
	1/20/2015		---	17.40	---	171.56	154.16
	2/9/2016		---	14.74	---	171.56	156.82
	6/1/2018		---	15.87	---	171.56	155.69
	1/24/2020		---	15.18	---	171.56	156.38
	10/6/2020		---	12.55	---	171.56	159.01
	6/15/2021		---	13.45	---	171.56	158.11
	7/26/2022		---	16.87	---	171.56	154.69
TFR-2	9/2/2010	TD: 24.00'	---	16.80	---	172.02	155.22
	4/21/2011		---	17.61	---	172.02	154.41
	8/1/2013		---	17.10	---	172.02	154.92
	1/20/2015		---	18.86	---	172.02	153.16
	2/9/2016		---	15.34	---	172.02	156.68
	6/1/2018		---	16.50	---	172.02	155.52
	1/24/2020		---	15.63	---	172.02	156.39
	10/6/2020		---	13.20	---	172.02	158.82
	6/15/2021		---	13.98	---	172.02	158.04
	7/26/2022		---	17.48	---	172.02	154.54
TFR-3	9/2/2010*	TD: 25.20'	16.79	16.88	0.09	171.48	154.68
	4/21/2011		---	17.33	---	171.48	154.15
	8/1/2013		---	16.92	---	171.48	154.56
	1/20/2015		---	17.87	---	171.48	153.61
	2/9/2016		---	15.20	---	171.48	156.28
	6/1/2018		---	16.23	---	171.48	155.25
	1/23/2020		---	15.55	---	171.48	155.93
	10/6/2020		---	13.12	---	171.48	158.36
	6/15/2021		---	13.88	---	171.48	157.60
	7/26/2022		---	17.26	---	171.48	154.22

TABLE 2
POTENTIOMETRIC DATA
JULY 26-27, 2022 SAMPLING EVENT
HQ HEATH SELF SERVE 2
SUMTER, SOUTH CAROLINA
MECI PROJECT NUMBER 22-7889
UST PERMIT# 08932

Well Number	Sample Date	Screened Interval	Depth to Product (feet)	Depth to Water (feet)	Product Thickness (feet)	Well-head Elevation	Groundwater Elevation
TFR-4	9/2/2010*	TD: 24.30'	16.65	16.70	0.05	171.35	154.69
	4/21/2011*		17.31	17.55	0.24	171.35	154.00
	8/1/2013		---	16.87	---	171.35	154.48
	1/20/2015		---	17.70	---	171.35	153.65
	2/9/2016		---	15.11	---	171.35	156.24
	6/1/2018		---	16.20	---	171.35	155.15
	1/23/2020		---	15.62	---	171.35	155.73
	10/6/2020		---	13.02	---	171.35	158.33
	6/15/2021		---	13.63	---	171.35	157.72
	7/26/2022		---	17.19	---	171.35	154.16
TFR-5	9/2/2010	TD: 25.00'	---	0.30	---	171.34	171.04
	4/21/2011		---	0.00	---	171.34	171.34
	8/1/2013		---	Abandoned	---	171.34	Abandoned
TFR-6	9/2/2010	TD: 22.18'	---	16.65	---	171.03	154.38
	4/21/2011		---	17.14	---	171.03	153.89
	8/1/2013		---	16.80	---	171.03	154.23
	1/20/2015*		16.48	16.50	0.02	171.03	154.55
	2/9/2016		---	15.05	---	171.03	155.98
	6/1/2018		---	16.57	---	171.03	154.46
	1/23/2020		---	12.62	---	171.03	158.41
	10/6/2020		---	13.03	---	171.03	158.00
	6/15/2021		---	13.71	---	171.03	157.32
	7/26/2022		---	17.06	---	171.03	153.97
TFR-7	9/2/2010*	TD: 25.00'	16.55	16.57	0.02	170.92	154.37
	4/21/2011*		16.98	18.40	1.42	170.92	153.73
	8/1/2013		---	Abandoned	---	170.92	Abandoned
TFR-8	9/2/2010	TD: 25.00'	---	16.65	---	170.74	154.09
	4/21/2011		---	17.09	---	170.74	153.65
	8/1/2013		---	Abandoned	---	170.74	Abandoned
TFR-9	9/2/2010	TD: 25.01'	---	15.84	---	169.85	154.01
	4/21/2011		---	16.22	---	169.85	153.63
	8/1/2013		---	16.10	---	169.85	153.75
	1/20/2015		---	NL	---	169.85	NL
	2/9/2016		---	NL	---	169.85	NL
	6/1/2018		---	NL	---	169.85	NL
	1/23/2020		---	14.61	---	169.85	155.24
	10/6/2020		---	12.35	---	169.85	157.50
	6/15/2021		---	12.91	---	169.85	156.94
	7/26/2022		---	15.52	---	169.85	154.33
TFR-10	9/2/2010	TD: 24.92'	---	15.19	---	168.99	153.80
	4/21/2011		---	15.56	---	168.99	153.43
	8/1/2013		---	16.08	---	168.99	152.91
	1/20/2015		---	16.69	---	168.99	152.30
	2/9/2016		---	14.31	---	168.99	154.68
	6/1/2018		---	15.17	---	168.99	153.82
	1/23/2020		---	13.94	---	168.99	155.05
	10/6/2020		---	11.78	---	168.99	157.21
	6/14/2021		---	12.28	---	168.99	156.71
	7/26/2022		---	16.92	---	169.83	152.91
TFR-11	9/2/2010	TD: 25.03'	---	15.28	---	168.71	153.43
	4/21/2011		---	15.59	---	168.71	153.12
	8/1/2013		---	15.33	---	168.71	153.38
	1/20/2015		---	NL	---	168.71	NL
	2/9/2016		---	NL	---	168.71	NL
	6/1/2018		---	NL	---	168.71	NL
	1/23/2020		---	14.08	---	168.71	154.63
	10/6/2020		---	12.04	---	168.71	156.67
	6/14/2021		---	12.54	---	168.71	156.17
	7/26/2022		---	15.59	---	168.71	153.12
TFR-12	9/2/2010*	TD: 16.10'	15.24	16.15	0.91	169.21	153.83
	4/21/2011		---	15.80	---	169.21	153.41
	8/1/2013*		15.56	15.59	0.03	169.21	153.65
	1/20/2015		---	16.00	---	169.21	153.21
	2/9/2016		---	13.60	---	169.21	155.61
	6/1/2018		---	14.48	---	169.21	154.73
	1/23/2020		---	Obstructed	---	169.21	Obstructed
	10/6/2020*		11.93	12.58	0.65	169.21	157.18
	6/14/2021		---	12.71	---	169.21	156.50
	7/26/2022		---	15.80	---	169.21	153.41

Notes:

1. Elevations based on assumed site datum.
2. Groundwater depths were measured from the top of the PVC riser pipe.
3. Groundwater levels measured on 7/26/2022-7/27/2022.
4. NL = Not Located
5. NM = Not Measured
6. * = Grounwater elevation corrected for the presence of free product using a specific gravity of 0.85.
7. Obstructed = Well gauged and found to be Obstructed

FIGURES



Reference: Sumter East, South Carolina
USGS 7.5 Min. Quad
Contour Interval – 10 Feet

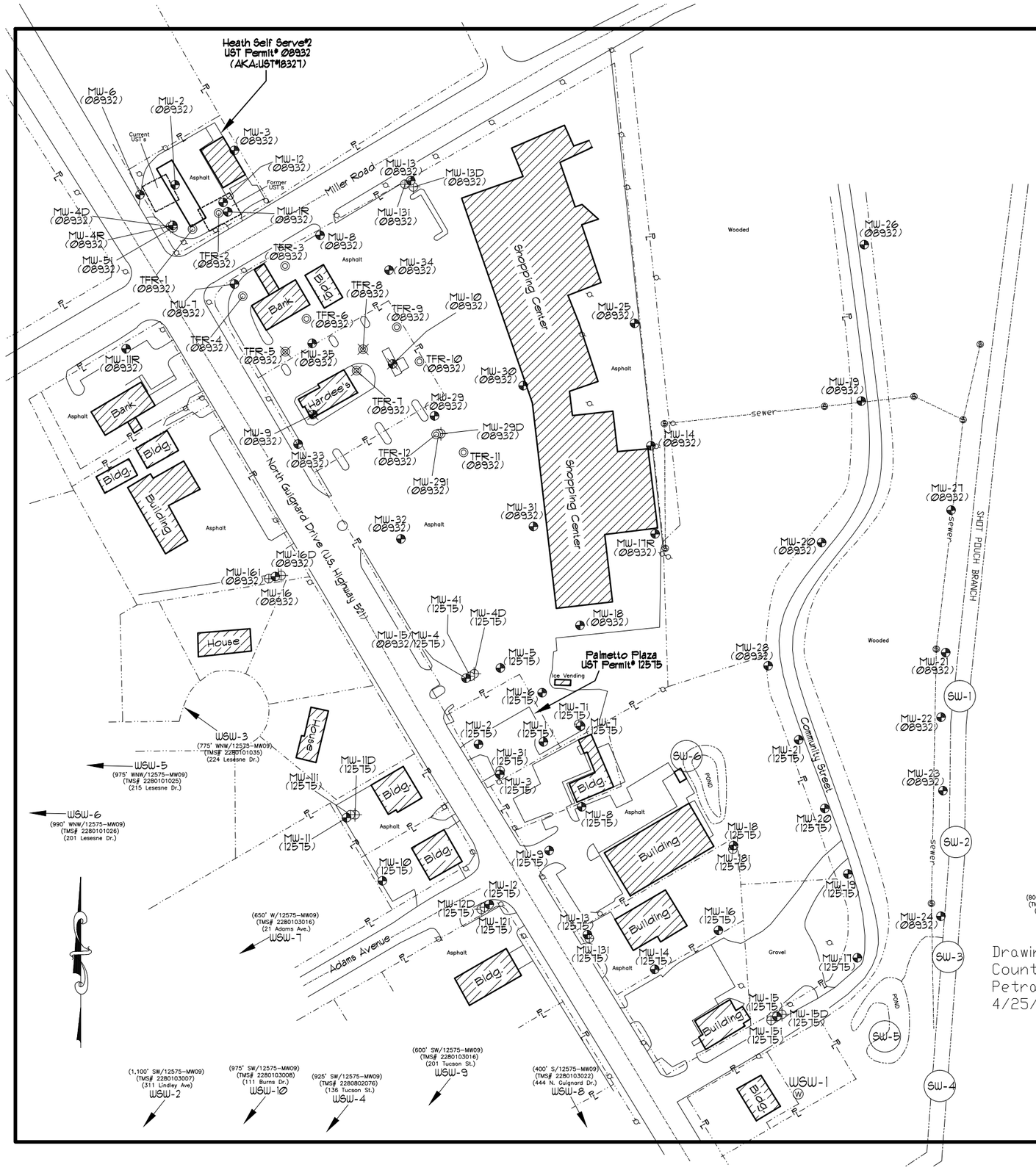
Midlands Environmental Consultants, Inc.

Site Location

Heath Self Serve 2
501 North Guignard Drive, Sumter, SC
UST Permit# 08932

Figure 1

MECI 22-7889



Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of 4-Inch Recovery Well
- Location of "Deep" Monitoring Well
- Location of Abandoned Well
- Location of "Intermediate" Monitoring Well
- SW — Location of Surface Water Sample Collection
- Estimated Location of Removed Underground Storage Tanks
- Estimated Location of Existing Underground Storage Tanks
- PL — Property Line
- sewer — Buried Sewer
- stream — Stream

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Site Base Map

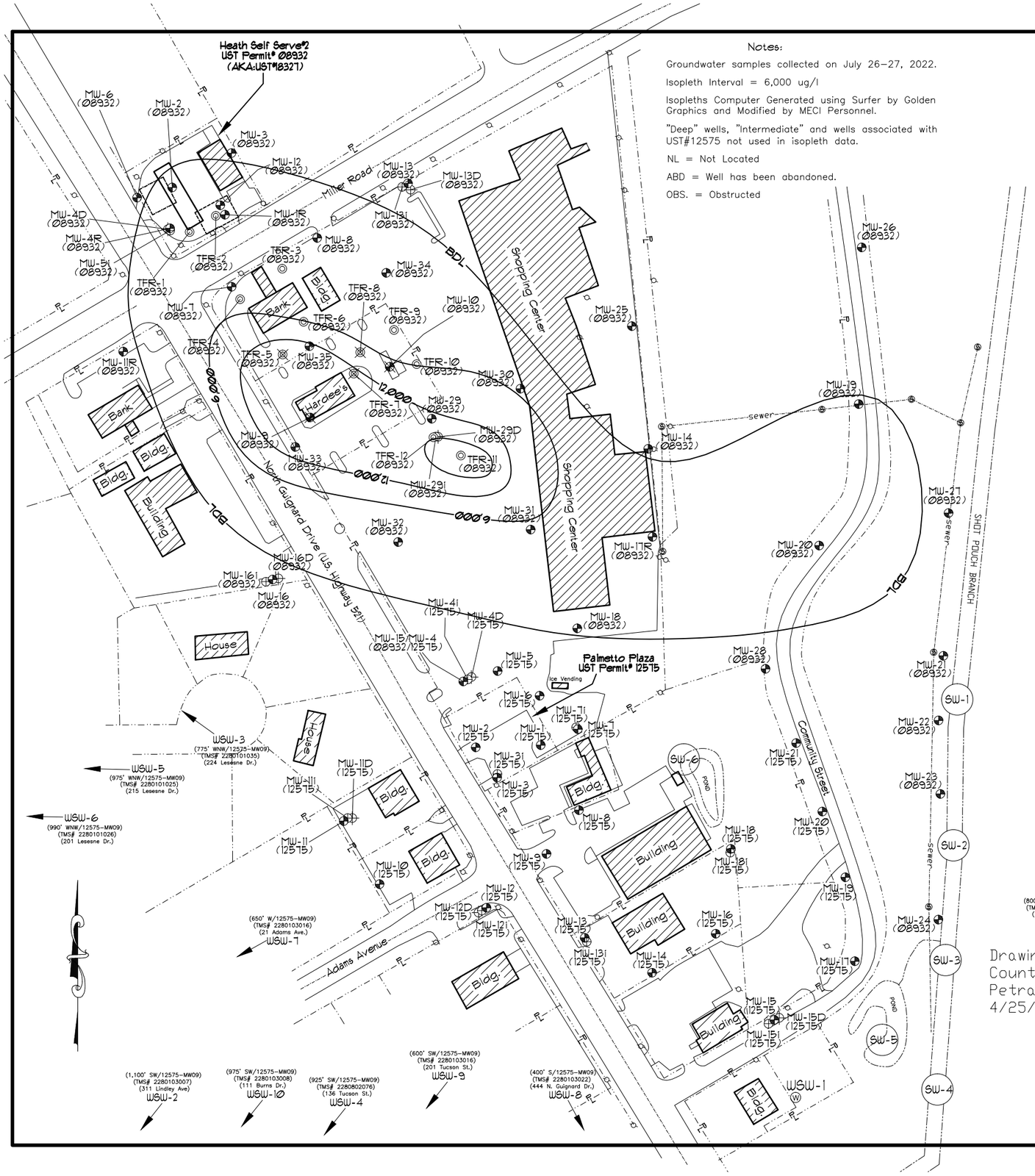
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889

DATE August 16, 2022

FIGURE 2



Notes:

Groundwater samples collected on July 26–27, 2022.

Isopleth Interval = 6,000 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)
	RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***
MW-1R	**294**	**20200**	**3770**	**26300**	**561**	<40.5	<12.5	**0.214**
MW-2	**1050**	**83.6**	**540**	**323**	<48.0	<16.2	<5.00	<0.00490
MW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
MW-4R	**261**	**9260**	**1550**	**11100**	**195 J**	<40.5	<12.5	**2.00**
MW-4D	**2.87**	**10.9**	**2.41**	**32.4**	<2.40	<0.810	<0.250	<0.00503
MW-5i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0109 J**
MW-6	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
MW-7	**5360**	**41600**	**3410**	**22300**	**824**	**327 J**	**16.1**	**49.4**
MW-8	**473**	**19400**	**3110**	**18200**	**761**	<0.810	<0.250	**2.14**
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00496
MW-12	**333**	**8510**	**2470**	**19000**	**690**	<0.810	<0.250	**0.0424**
MW-13	<0.270	**0.345 J**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-13i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
MW-13D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-14	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	**0.446 J**	<0.00506
MW-15	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-16	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-16i	<0.270	<0.250	<0.200	**1.10**	<2.40	<0.810	<0.250	<0.00509
MW-16D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00519
MW-17R	**3020**	**139**	**574**	**1810**	**69.7**	**13.6**	**39.5**	<0.00494
MW-18	**0.293 J**	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00513
MW-19	**9.67**	**0.807 J**	<0.200	<0.230	**26.4**	**40.2**	**28.8**	**0.0140 J**
MW-20	**41.6**	**4.45**	**206**	**87.8**	**6.92**	<0.810	**0.692 J**	<0.00515
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00493
MW-23	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00499
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.0246
MW-26	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.255
MW-27	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00516
MW-28	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00500
MW-29	**11400**	**56200**	**3880**	**17900**	<6000	<2030	<625	**242**
MW-29i	<0.540	<0.500	<0.400	<0.460	<4.80	**28.3**	**3.01**	**0.162**
MW-29D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0133 J**
MW-30	**4570**	**11500**	**1140**	**6230**	<1200	<405	<125	**0.867**
MW-31	**4990**	**12300**	**847**	**4830**	<1200	<405	<125	**0.0574**
MW-32	**1920**	**2500**	**2000**	**6480**	**285**	<40.5	<12.5	**0.321**
MW-33	**14200**	**60700**	**4210**	**21300**	<2400	<810	<250	**266**
MW-34	**2940**	**27600**	**3810**	**25600**	<4800	<1620	<500	**3.77**
MW-35	**12700**	**49300**	**2920**	**20700**	<6000	<2030	<625	**474**
TFR-1	**569 J**	**16100**	**2410**	**15400**	<2400	<810	<250	**6.89**
TFR-2	**42.0**	**278**	**37.0**	**802**	<12.0	<4.05	<1.25	**0.0314**
TFR-3	**3050**	**8390**	**377**	**4530**	<240	<81.0	<25.0	**8.26**
TFR-4	**2520**	**9060**	**396**	**11400**	<240	<81.0	<25.0	**1.37**
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	**2570**	**25100**	**2590**	**18700**	<480	<162	<50.0	**25.5**
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	**240**	**376**	**10.6**	**230**	<12.0	<4.05	**10.8**	**0.189**
TFR-10	**5530**	**20200**	**1330**	**8250**	<480	<162	**120 J**	**2.75**
TFR-11	**21400**	**52500**	**4000**	**19700**	<1200	<405	**490 J**	**698**
TFR-12	**32.1**	**174**	**11.1**	**207**	**18.3**	<0.810	**12.7**	**5.55**
SW-1	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00501
SW-2	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00510
SW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-4	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-5	<0.270	**4.35**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00538
SW-6	<1.35	<1.25	<1.00	<1.15	<12.0	<4.05	<1.25	<0.00526
WSW-3	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00490
WSW-5	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
WSW-6	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00482
DUP-1 (TFR-4)	**4050**	**14600**	**725**	**12100**	<240	<81.0	<25.0	**3.66**
DUP-2 (TFR-10)	**5540**	**20100**	**1290**	**8140**	<1200	<405	<125	**2.25**
DUP-3 (MW-8)	**401 J**	**14900**	**2680**	**16100**	<1200	<405	<125	**2.09**
WSW DUP (WSW-3)	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00513
Field Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00490
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
	<0.0820	**0.127 J**	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
Trip Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	NT

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Groundwater CoC Site Map
(Benzene Isopleth)

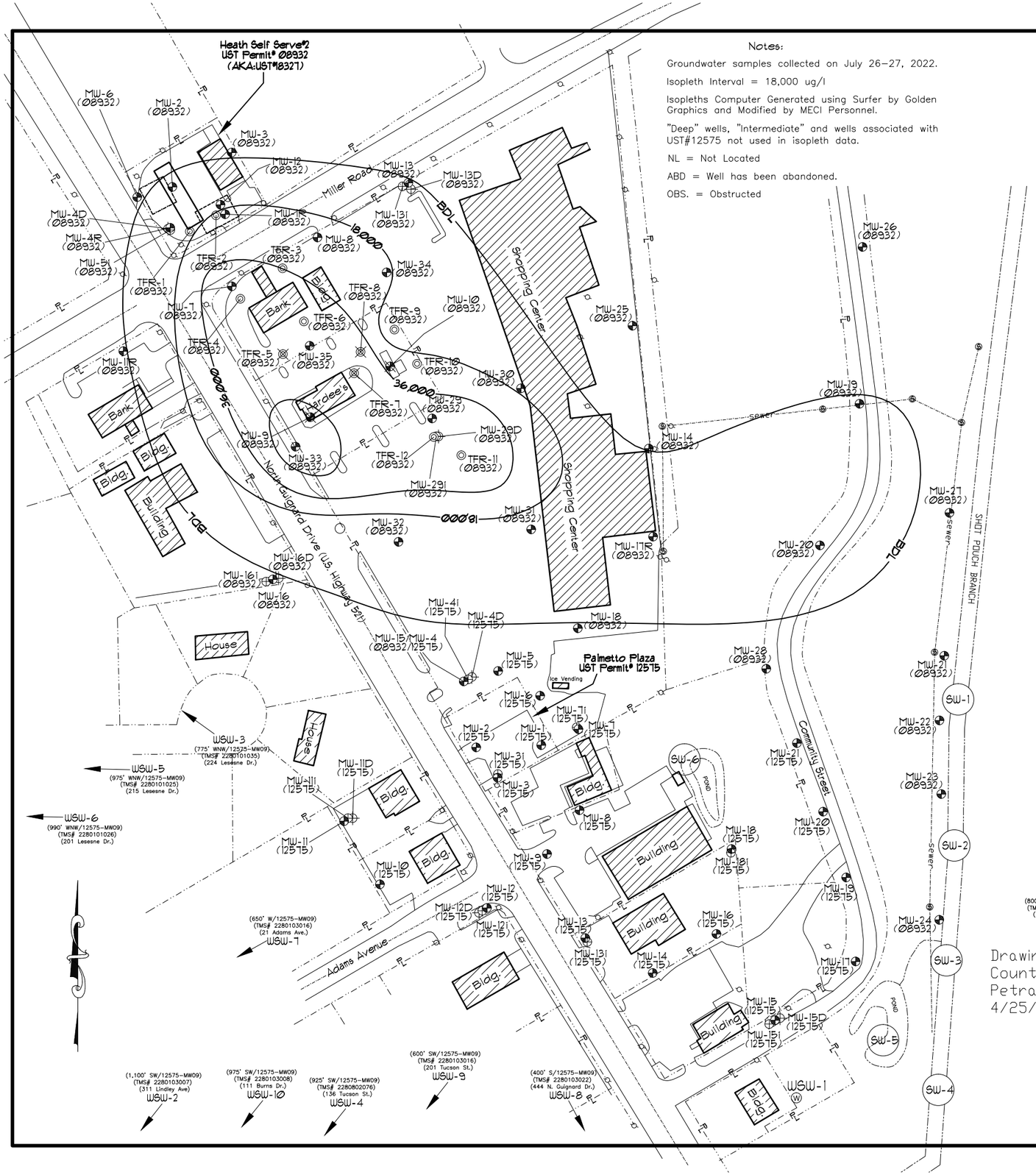
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889

DATE August 16, 2022

FIGURE 4



Notes:

Groundwater samples collected on July 26–27, 2022.

Isopleth Interval = 18,000 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)
	RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***
MW-1R	**294**	**20200**	**3770**	**26300**	**561**	<40.5	<12.5	**0.214**
MW-2	**1050**	**83.6**	**540**	**323**	<48.0	<16.2	<5.00	<0.00490
MW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
MW-4R	**261**	**9260**	**1550**	**11100**	**195 J**	<40.5	<12.5	**2.00**
MW-4D	**2.87**	**10.9**	**2.41**	**32.4**	<2.40	<0.810	<0.250	<0.00503
MW-5i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0109 J**
MW-6	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
MW-7	**5360**	**41600**	**3410**	**22300**	**824**	**327 J**	**16.1**	**49.4**
MW-8	**473**	**19400**	**3110**	**18200**	**761**	<0.810	<0.250	**2.14**
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00496
MW-12	**333**	**8510**	**2470**	**19000**	**690**	<0.810	<0.250	**0.0424**
MW-13	<0.270	**0.345 J**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-13i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
MW-13D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-14	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	**0.446 J**	<0.00506
MW-15	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-16	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-16i	<0.270	<0.250	<0.200	**1.10**	<2.40	<0.810	<0.250	<0.00509
MW-16D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00519
MW-17R	**3020**	**139**	**574**	**1810**	**69.7**	**13.6**	**39.5**	<0.00494
MW-18	**0.293 J**	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00513
MW-19	**9.67**	**0.807 J**	<0.200	<0.230	**26.4**	**40.2**	**28.8**	**0.0140 J**
MW-20	**41.6**	**4.45**	**206**	**87.8**	**6.92**	<0.810	**0.692 J**	<0.00515
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00493
MW-23	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00499
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.0246
MW-26	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.255
MW-27	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00516
MW-28	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00500
MW-29	**11400**	**56200**	**3880**	**17900**	<6000	<2030	<625	**242**
MW-29i	<0.540	<0.500	<0.400	<0.460	<4.80	**28.3**	**3.01**	**0.162**
MW-29D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0133 J**
MW-30	**4570**	**11500**	**1140**	**6230**	<1200	<405	<125	**0.867**
MW-31	**4990**	**12300**	**847**	**4830**	<1200	<405	<125	**0.0574**
MW-32	**1920**	**2500**	**2000**	**6480**	**285**	<40.5	<12.5	**0.321**
MW-33	**14200**	**60700**	**4210**	**21300**	<2400	<810	<250	**266**
MW-34	**2940**	**27600**	**3810**	**25600**	<4800	<1620	<500	**3.77**
MW-35	**12700**	**49300**	**2920**	**20700**	<6000	<2030	<625	**474**
TFR-1	**569 J**	**16100**	**2410**	**15400**	<2400	<810	<250	**6.89**
TFR-2	**42.0**	**278**	**37.0**	**802**	<12.0	<4.05	<1.25	**0.0314**
TFR-3	**3050**	**8390**	**377**	**4530**	<240	<81.0	<25.0	**8.26**
TFR-4	**2520**	**9060**	**396**	**11400**	<240	<81.0	<25.0	**1.37**
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	**2570**	**25100**	**2590**	**18700**	<480	<162	<50.0	**25.5**
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	**240**	**376**	**10.6**	**230**	<12.0	<4.05	**10.8**	**0.189**
TFR-10	**5530**	**20200**	**1330**	**8250**	<480	<162	**120 J**	**2.75**
TFR-11	**21400**	**52500**	**4000**	**19700**	<1200	<405	**490 J**	**698**
TFR-12	**32.1**	**174**	**11.1**	**207**	**18.3**	<0.810	**12.7**	**5.55**
SW-1	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00501
SW-2	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00510
SW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-4	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-5	<0.270	**4.35**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00538
SW-6	<1.35	<1.25	<1.00	<1.15	<12.0	<4.05	<1.25	<0.00526
WSW-3	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00490
WSW-5	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
WSW-6	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00482
DUP-1 (TFR-4)	**4050**	**14600**	**725**	**12100**	<240	<81.0	<25.0	**3.66**
DUP-2 (TFR-10)	**5540**	**20100**	**1290**	**8140**	<1200	<405	<125	**2.25**
DUP-3 (MW-8)	**401 J**	**14900**	**2680**	**16100**	<1200	<405	<125	**2.09**
WSW DUP (WSW-3)	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00513
Field Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00490
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
	<0.0820	**0.127 J**	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
Trip Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	NT

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Groundwater CoC Site Map
(Toluene Isopleth)

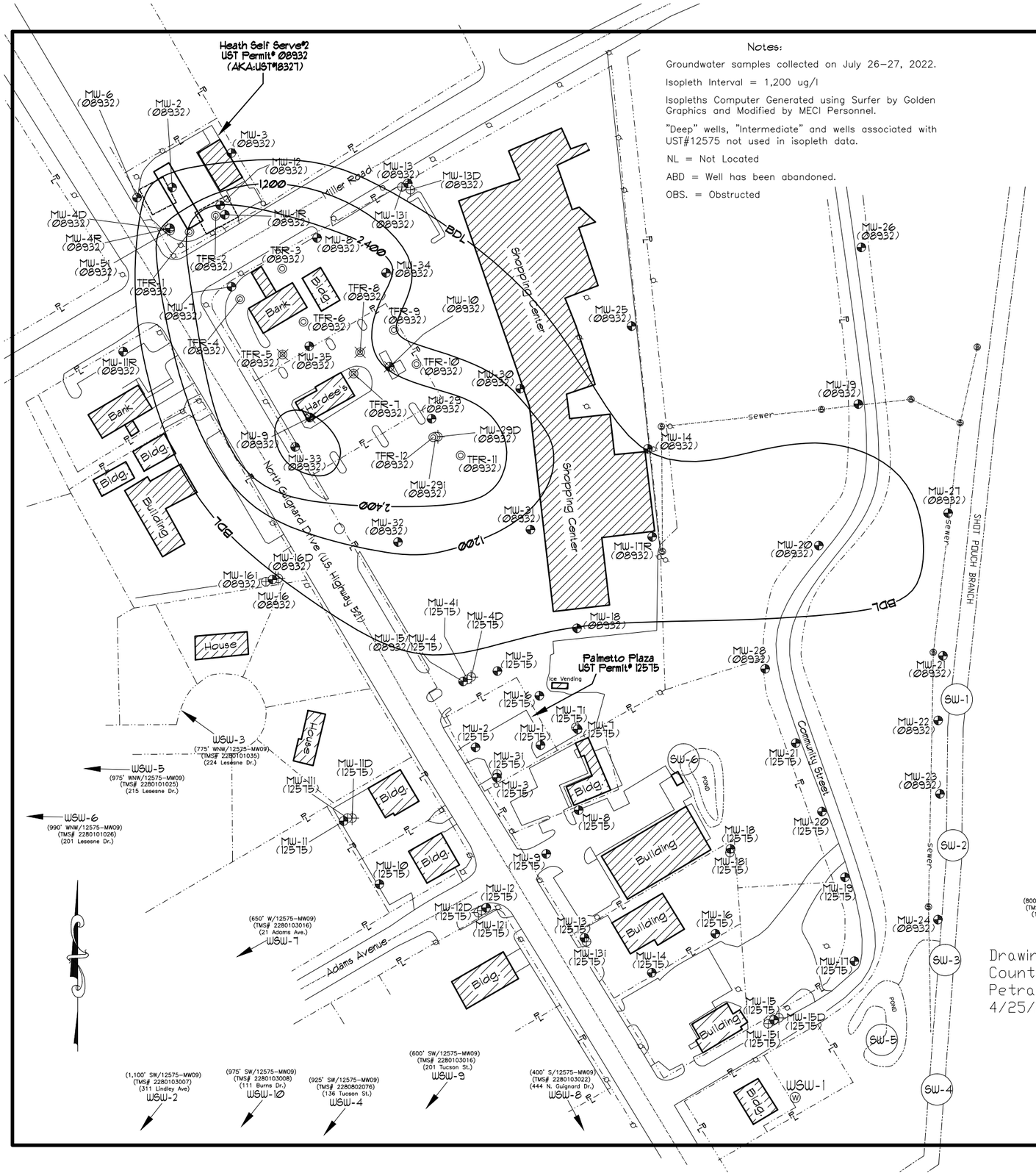
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889

DATE August 16, 2022

FIGURE 4A



Notes:

Groundwater samples collected on July 26–27, 2022.

Isopleth Interval = 1,200 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)
	RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***
MW-1R	**294**	**20200**	**3770**	**26300**	**561**	<40.5	<12.5	**0.214**
MW-2	**1050**	**83.6**	**540**	**323**	<48.0	<16.2	<5.00	<0.00490
MW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
MW-4R	**261**	**9260**	**1550**	**11100**	**195 J**	<40.5	<12.5	**2.00**
MW-4D	**2.87**	**10.9**	**2.41**	**32.4**	<2.40	<0.810	<0.250	<0.00503
MW-5i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0109 J**
MW-6	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
MW-7	**5360**	**41600**	**3410**	**22300**	**824**	**327 J**	**16.1**	**49.4**
MW-8	**473**	**19400**	**3110**	**18200**	**761**	<0.810	<0.250	**2.14**
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00496
MW-12	**333**	**8510**	**2470**	**19000**	**690**	<0.810	<0.250	**0.0424**
MW-13	<0.270	**0.345 J**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-13i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
MW-13D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-14	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	**0.446 J**	<0.00506
MW-15	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-16	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-16i	<0.270	<0.250	<0.200	**1.10**	<2.40	<0.810	<0.250	<0.00509
MW-16D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00519
MW-17R	**3020**	**139**	**574**	**1810**	**69.7**	**13.6**	**39.5**	<0.00494
MW-18	**0.293 J**	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00513
MW-19	**9.67**	**0.807 J**	<0.200	<0.230	**26.4**	**40.2**	**28.8**	**0.0140 J**
MW-20	**41.6**	**4.45**	**206**	**87.8**	**6.92**	<0.810	**0.692 J**	<0.00515
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00493
MW-23	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00499
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.0246
MW-26	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.255
MW-27	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00516
MW-28	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00500
MW-29	**11400**	**56200**	**3880**	**17900**	<6000	<2030	<625	**242**
MW-29i	<0.540	<0.500	<0.400	<0.460	<4.80	**28.3**	**3.01**	**0.162**
MW-29D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0133 J**
MW-30	**4570**	**11500**	**1140**	**6230**	<1200	<405	<125	**0.867**
MW-31	**4990**	**12300**	**847**	**4830**	<1200	<405	<125	**0.0574**
MW-32	**1920**	**2500**	**2000**	**6480**	**285**	<40.5	<12.5	**0.321**
MW-33	**14200**	**60700**	**4210**	**21300**	<2400	<810	<250	**266**
MW-34	**2940**	**27600**	**3810**	**25600**	<4800	<1620	<500	**3.77**
MW-35	**12700**	**49300**	**2920**	**20700**	<6000	<2030	<625	**474**
TFR-1	**569 J**	**16100**	**2410**	**15400**	<2400	<810	<250	**6.89**
TFR-2	**42.0**	**278**	**37.0**	**802**	<12.0	<4.05	<1.25	**0.0314**
TFR-3	**3050**	**8390**	**377**	**4530**	<240	<81.0	<25.0	**8.26**
TFR-4	**2520**	**9060**	**396**	**11400**	<240	<81.0	<25.0	**1.37**
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	**2570**	**25100**	**2590**	**18700**	<480	<162	<50.0	**25.5**
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	**240**	**376**	**10.6**	**230**	<12.0	<4.05	**10.8**	**0.189**
TFR-10	**5530**	**20200**	**1330**	**8250**	<480	<162	**120 J**	**2.75**
TFR-11	**21400**	**52500**	**4000**	**19700**	<1200	<405	**490 J**	**698**
TFR-12	**32.1**	**174**	**11.1**	**207**	**18.3**	<0.810	**12.7**	**5.55**
SW-1	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00501
SW-2	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00510
SW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-4	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-5	<0.270	**4.35**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00538
SW-6	<1.35	<1.25	<1.00	<1.15	<12.0	<4.05	<1.25	<0.00526
WSW-3	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00490
WSW-5	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
WSW-6	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00482
DUP-1 (TFR-4)	**4050**	**14600**	**725**	**12100**	<240	<81.0	<25.0	**3.66**
DUP-2 (TFR-10)	**5540**	**20100**	**1290**	**8140**	<1200	<405	<125	**2.25**
DUP-3 (MW-8)	**401 J**	**14900**	**2680**	**16100**	<1200	<405	<125	**2.09**
WSW DUP (WSW-3)	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00513
Field Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00490
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
	<0.0820	**0.127 J**	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
Trip Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	NT

Groundwater CoC Site Map
(Ethylbenzene Isopleth)

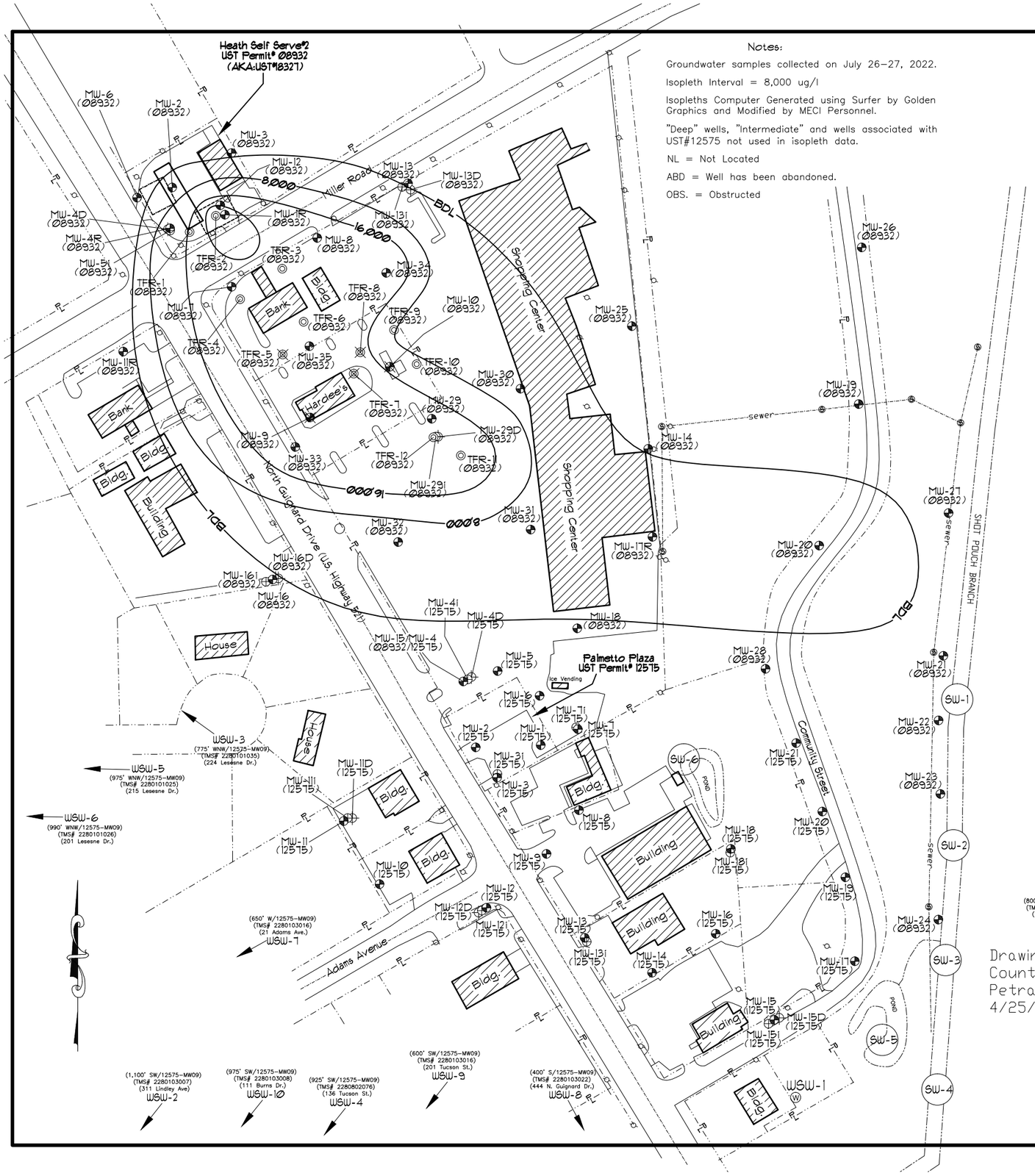
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889

DATE August 16, 2022

FIGURE 4B



Notes:

Groundwater samples collected on July 26–27, 2022.

Isopleth Interval = 8,000 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)
	RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***
MW-1R	**294**	**20200**	**3770**	**26300**	**561**	<40.5	<12.5	**0.214**
MW-2	**1050**	**83.6**	**540**	**323**	<48.0	<16.2	<5.00	<0.00490
MW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
MW-4R	**261**	**9260**	**1550**	**11100**	**195 J**	<40.5	<12.5	**2.00**
MW-4D	**2.87**	**10.9**	**2.41**	**32.4**	<2.40	<0.810	<0.250	<0.00503
MW-5i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0109 J**
MW-6	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
MW-7	**5360**	**41600**	**3410**	**22300**	**824**	**327 J**	**16.1**	**49.4**
MW-8	**473**	**19400**	**3110**	**18200**	**761**	<0.810	<0.250	**2.14**
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00496
MW-12	**333**	**8510**	**2470**	**19000**	**690**	<0.810	<0.250	**0.0424**
MW-13	<0.270	**0.345 J**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-13i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
MW-13D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-14	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	**0.446 J**	<0.00506
MW-15	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-16	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-16i	<0.270	<0.250	<0.200	**1.10**	<2.40	<0.810	<0.250	<0.00509
MW-16D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00519
MW-17R	**3020**	**139**	**574**	**1810**	**69.7**	**13.6**	**39.5**	<0.00494
MW-18	**0.293 J**	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00513
MW-19	**9.67**	**0.807 J**	<0.200	<0.230	**26.4**	**40.2**	**28.8**	**0.0140 J**
MW-20	**41.6**	**4.45**	**206**	**87.8**	**6.92**	<0.810	**0.692 J**	<0.00515
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00493
MW-23	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00499
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.0246
MW-26	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.255
MW-27	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00516
MW-28	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00500
MW-29	**11400**	**56200**	**3880**	**17900**	<6000	<2030	<625	**242**
MW-29i	<0.540	<0.500	<0.400	<0.460	<4.80	**28.3**	**3.01**	**0.162**
MW-29D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0133 J**
MW-30	**4570**	**11500**	**1140**	**6230**	<1200	<405	<125	**0.867**
MW-31	**4990**	**12300**	**847**	**4830**	<1200	<405	<125	**0.0574**
MW-32	**1920**	**2500**	**2000**	**6480**	**285**	<40.5	<12.5	**0.321**
MW-33	**14200**	**60700**	**4210**	**21300**	<2400	<810	<250	**266**
MW-34	**2940**	**27600**	**3810**	**25600**	<4800	<1620	<500	**3.77**
MW-35	**12700**	**49300**	**2920**	**20700**	<6000	<2030	<625	**474**
TFR-1	**569 J**	**16100**	**2410**	**15400**	<2400	<810	<250	**6.89**
TFR-2	**42.0**	**278**	**37.0**	**802**	<12.0	<4.05	<1.25	**0.0314**
TFR-3	**3050**	**8390**	**377**	**4530**	<240	<81.0	<25.0	**8.26**
TFR-4	**2520**	**9060**	**396**	**11400**	<240	<81.0	<25.0	**1.37**
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	**2570**	**25100**	**2590**	**18700**	<480	<162	<50.0	**25.5**
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	**240**	**376**	**10.6**	**230**	<12.0	<4.05	**10.8**	**0.189**
TFR-10	**5530**	**20200**	**1330**	**8250**	<480	<162	**120 J**	**2.75**
TFR-11	**21400**	**52500**	**4000**	**19700**	<1200	<405	**490 J**	**698**
TFR-12	**32.1**	**174**	**11.1**	**207**	**18.3**	<0.810	**12.7**	**5.55**
SW-1	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00501
SW-2	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00510
SW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-4	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-5	<0.270	**4.35**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00538
SW-6	<1.35	<1.25	<1.00	<1.15	<12.0	<4.05	<1.25	<0.00526
WSW-3	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00490
WSW-5	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
WSW-6	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00482
DUP-1 (TFR-4)	**4050**	**14600**	**725**	**12100**	<240	<81.0	<25.0	**3.66**
DUP-2 (TFR-10)	**5540**	**20100**	**1290**	**8140**	<1200	<405	<125	**2.25**
DUP-3 (MW-8)	**401 J**	**14900**	**2680**	**16100**	<1200	<405	<125	**2.09**
WSW DUP (WSW-3)	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00513
Field Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00490
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
	<0.0820	**0.127 J**	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
Trip Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	NT

Groundwater CoC Site Map
(Total Xylenes Isopleth)

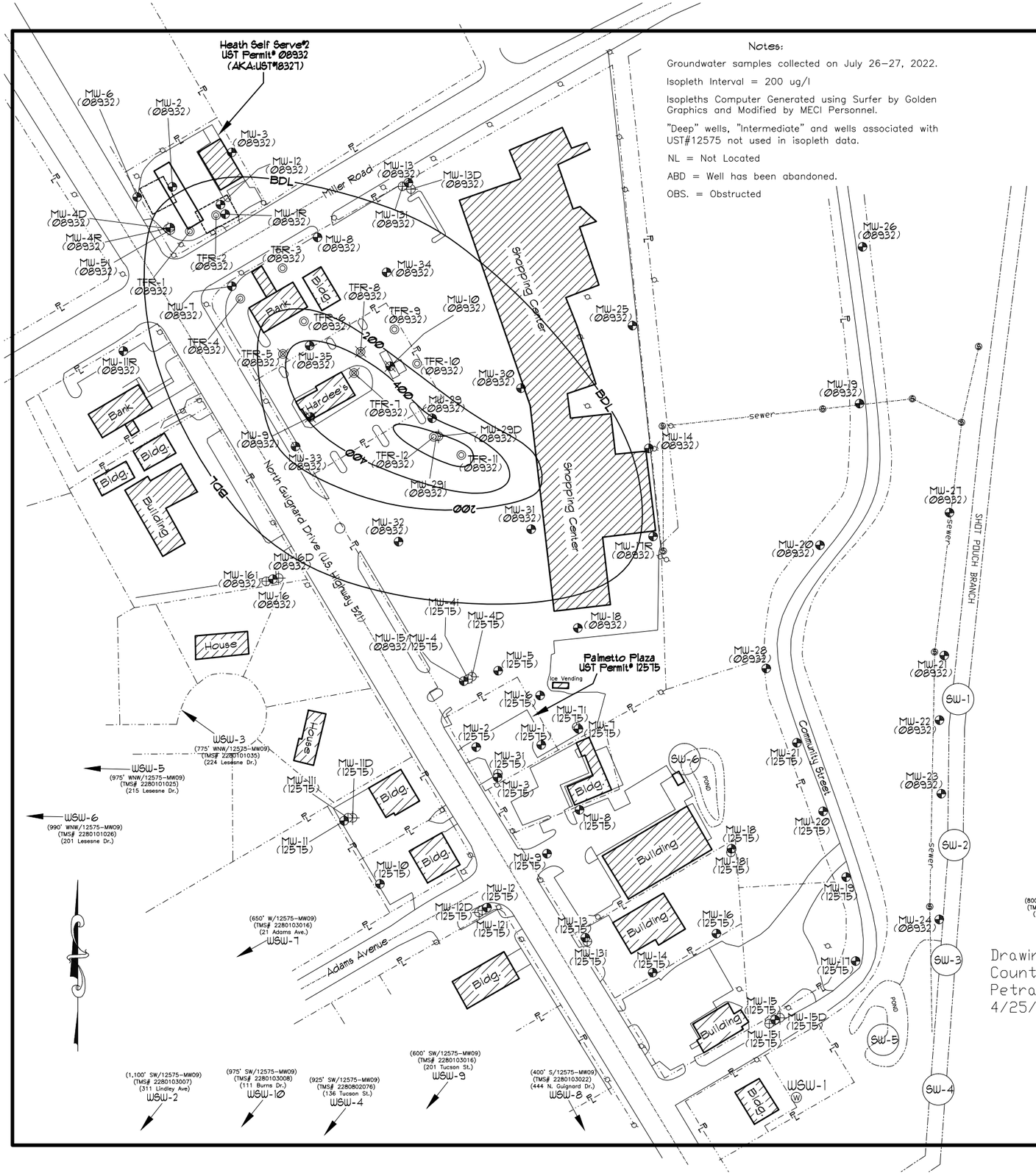
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889

DATE August 16, 2022

FIGURE 4C



Notes:

Groundwater samples collected on July 26–27, 2022.

Isopleth Interval = 200 ug/l

Isopleths Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

"Deep" wells, "Intermediate" and wells associated with UST#12575 not used in isopleth data.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

GROUNDWATER COC CONCENTRATION DATA

Well Number	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	Naphthalene (µg/l)	MTBE (µg/l)	1,2 DCA (µg/l)	EDB (µg/l)
	RBSL 5	***RBSL 1,000***	***RBSL 700***	***RBSL 10,000***	***RBSL 25***	***RBSL 40***	***RBSL 5***	***RBSL 0.05***
MW-1R	**294**	**20200**	**3770**	**26300**	**561**	<40.5	<12.5	**0.214**
MW-2	**1050**	**83.6**	**540**	**323**	<48.0	<16.2	<5.00	<0.00490
MW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
MW-4R	**261**	**9260**	**1550**	**11100**	**195 J**	<40.5	<12.5	**2.00**
MW-4D	**2.87**	**10.9**	**2.41**	**32.4**	<2.40	<0.810	<0.250	<0.00503
MW-5i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0109 J**
MW-6	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
MW-7	**5360**	**41600**	**3410**	**22300**	**824**	**327 J**	**16.1**	**49.4**
MW-8	**473**	**19400**	**3110**	**18200**	**761**	<0.810	<0.250	**2.14**
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00496
MW-12	**333**	**8510**	**2470**	**19000**	**690**	<0.810	<0.250	**0.0424**
MW-13	<0.270	**0.345 J**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-13i	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
MW-13D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-14	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	**0.446 J**	<0.00506
MW-15	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00518
MW-16	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00503
MW-16i	<0.270	<0.250	<0.200	**1.10**	<2.40	<0.810	<0.250	<0.00509
MW-16D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00519
MW-17R	**3020**	**139**	**574**	**1810**	**69.7**	**13.6**	**39.5**	<0.00494
MW-18	**0.293 J**	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00513
MW-19	**9.67**	**0.807 J**	<0.200	<0.230	**26.4**	**40.2**	**28.8**	**0.0140 J**
MW-20	**41.6**	**4.45**	**206**	**87.8**	**6.92**	<0.810	**0.692 J**	<0.00515
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00493
MW-23	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00499
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.0246
MW-26	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.255
MW-27	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00516
MW-28	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00500
MW-29	**11400**	**56200**	**3880**	**17900**	<6000	<2030	<625	**242**
MW-29i	<0.540	<0.500	<0.400	<0.460	<4.80	**28.3**	**3.01**	**0.162**
MW-29D	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	**0.0133 J**
MW-30	**4570**	**11500**	**1140**	**6230**	<1200	<405	<125	**0.867**
MW-31	**4990**	**12300**	**847**	**4830**	<1200	<405	<125	**0.0574**
MW-32	**1920**	**2500**	**2000**	**6480**	**285**	<40.5	<12.5	**0.321**
MW-33	**14200**	**60700**	**4210**	**21300**	<2400	<810	<250	**266**
MW-34	**2940**	**27600**	**3810**	**25600**	<4800	<1620	<500	**3.77**
MW-35	**12700**	**49300**	**2920**	**20700**	<6000	<2030	<625	**474**
TFR-1	**569 J**	**16100**	**2410**	**15400**	<2400	<810	<250	**6.89**
TFR-2	**42.0**	**278**	**37.0**	**802**	<12.0	<4.05	<1.25	**0.0314**
TFR-3	**3050**	**8390**	**377**	**4530**	<240	<81.0	<25.0	**8.26**
TFR-4	**2520**	**9060**	**396**	**11400**	<240	<81.0	<25.0	**1.37**
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	**2570**	**25100**	**2590**	**18700**	<480	<162	<50.0	**25.5**
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	**240**	**376**	**10.6**	**230**	<12.0	<4.05	**10.8**	**0.189**
TFR-10	**5530**	**20200**	**1330**	**8250**	<480	<162	**120 J**	**2.75**
TFR-11	**21400**	**52500**	**4000**	**19700**	<1200	<405	**490 J**	**698**
TFR-12	**32.1**	**174**	**11.1**	**207**	**18.3**	<0.810	**12.7**	**5.55**
SW-1	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00501
SW-2	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00510
SW-3	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-4	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00509
SW-5	<0.270	**4.35**	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00538
SW-6	<1.35	<1.25	<1.00	<1.15	<12.0	<4.05	<1.25	<0.00526
WSW-3	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00490
WSW-5	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
WSW-6	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00482
DUP-1 (TFR-4)	**4050**	**14600**	**725**	**12100**	<240	<81.0	<25.0	**3.66**
DUP-2 (TFR-10)	**5540**	**20100**	**1290**	**8140**	<1200	<405	<125	**2.25**
DUP-3 (MW-8)	**401 J**	**14900**	**2680**	**16100**	<1200	<405	<125	**2.09**
WSW DUP (WSW-3)	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00513
Field Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00490
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	<0.00504
	<0.0820	**0.127 J**	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	<0.00499
Trip Blank	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.270	<0.250	<0.200	<0.230	<2.40	<0.810	<0.250	NT
	<0.0820	<0.0860	<0.0990	<0.0860	<0.430	<0.0930	<0.0860	NT

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

Groundwater CoC Site Map
(EDB Isopleth)

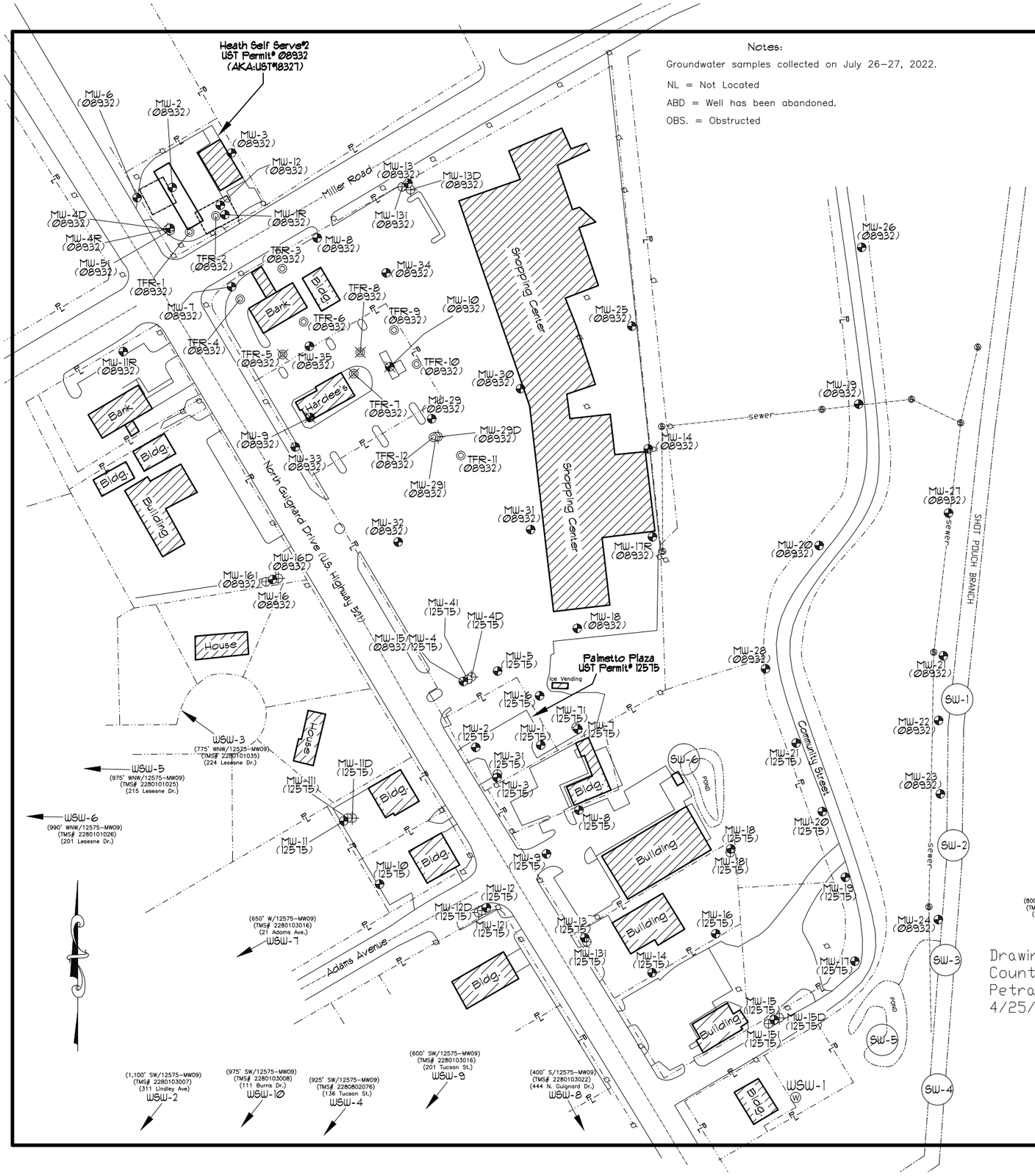
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889

DATE August 16, 2022

FIGURE 4D



Notes:

Groundwater samples collected on July 26–27, 2022.

NL = Not Located

ABD = Well has been abandoned.

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

GROUNDWATER COC CONCENTRATION DATA (OXYGENATES)

Well Number	TAA (µg/l) RBSL 240	TAME (µg/l) RBSL 128	ETBA (µg/l) RBSL NE	TBA (µg/l) RBSL 1,400	TBF (µg/l) RBSL NE	DIPE (µg/l) RBSL 150	Ethanol (µg/l) RBSL 10,000	ETBE (µg/l) RBSL 47
MW-1R	<430	<39.0	<350	<345	<345	<35.0	<2500	<36.0
MW-2	<172	<15.6	<140	<138	<138	<14.0	<1000	<14.4
MW-3	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-4R	<430	<39.0	<350	<345	<345	<35.0	<2500	<36.0
MW-4D	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-5i	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-6	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
MW-7	<8.60	<0.780	<7.00	**1640**	<6.90	<0.700	<50.0	<0.720
MW-8	<8.60	<0.780	<7.00	<690	<6.90	<0.700	<50.0	<0.720
MW-9	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-10	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
MW-11R	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-12	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-13	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-13i	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-13D	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-14	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-15	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-16	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-16i	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-16D	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-17R	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-18	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-19	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-20	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-21	NL	NL	NL	NL	NL	NL	NL	NL
MW-22	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-23	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-24	NL	NL	NL	NL	NL	NL	NL	NL
MW-25	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-26	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-27	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-28	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-29	<21500	<1950	<17500	<17300	<17300	<1750	<125000	<1800
MW-29i	<17.2	<1.56	<14.0	<13.8	<13.8	**3.09 J**	<100	<1.44
MW-29D	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
MW-30	**8670 J**	<390	<3500	<3450	<3450	<350	<25000	<360
MW-31	**6750 J**	<390	<3500	<3450	<3450	<350	<25000	<360
MW-32	**5500**	<39.0	<350	**374 J**	<345	<35.0	<2500	<36.0
MW-33	**30000**	<780	<7000	<6900	<6900	<700	<50000	<720
MW-34	<17200	<1560	<14000	<13800	<13800	<1400	<100000	<1440
MW-35	<21500	<1950	<17500	<17300	<17300	<1750	<125000	<1800
TFR-1	<8600	<780	<7000	<6900	<6900	<700	<50000	<720
TFR-2	<43.0	<3.90	<35.0	<34.5	<34.5	<3.50	<250	<3.60
TFR-3	**2340**	<78.0	<700	<690	<690	<70.0	<5000	<72.0
TFR-4	**1520 J**	<78.0	<700	<690	<690	<70.0	<5000	<72.0
TFR-5	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-6	<1720	<156	<1400	<1380	<1380	<140	<10000	<144
TFR-7	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-8	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
TFR-9	<43.0	<3.90	<35.0	<34.5	<34.5	<3.50	<250	<3.60
TFR-10	**6610**	<156	<1400	<1380	<1380	<140	<10000	<144
TFR-11	**8610 J**	<390	<3500	<3450	<3450	<350	<25000	<360
TFR-12	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-1	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-2	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-3	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-4	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-5	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
SW-6	<43.0	<3.90	<35.0	<34.5	<34.5	<3.50	<250	<3.60
WSW-3	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
WSW-5	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
WSW-6	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
DUP-1 (TFR-4)	<860	<78.0	<700	<690	<690	<70.0	<5000	<72.0
DUP-2 (TFR-10)	<4300	<390	<3500	<3450	<3450	<350	<25000	<360
DUP-3 (MW-8)	<4300	<390	<3500	<3450	<3450	<350	<25000	<360
WSW DUP (WSW-3)	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
Field Blank	<8.60	<0.780	<7.00	**9.34 J**	<6.90	<0.700	<50.0	<0.720
	<8.60	<0.780	<7.00	**10.4 J**	<6.90	<0.700	<50.0	<0.720
	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
Trip Blank	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720
	<8.60	<0.780	<7.00	<6.90	<6.90	<0.700	<50.0	<0.720

Groundwater CoC Site Map
(Oxygenates)

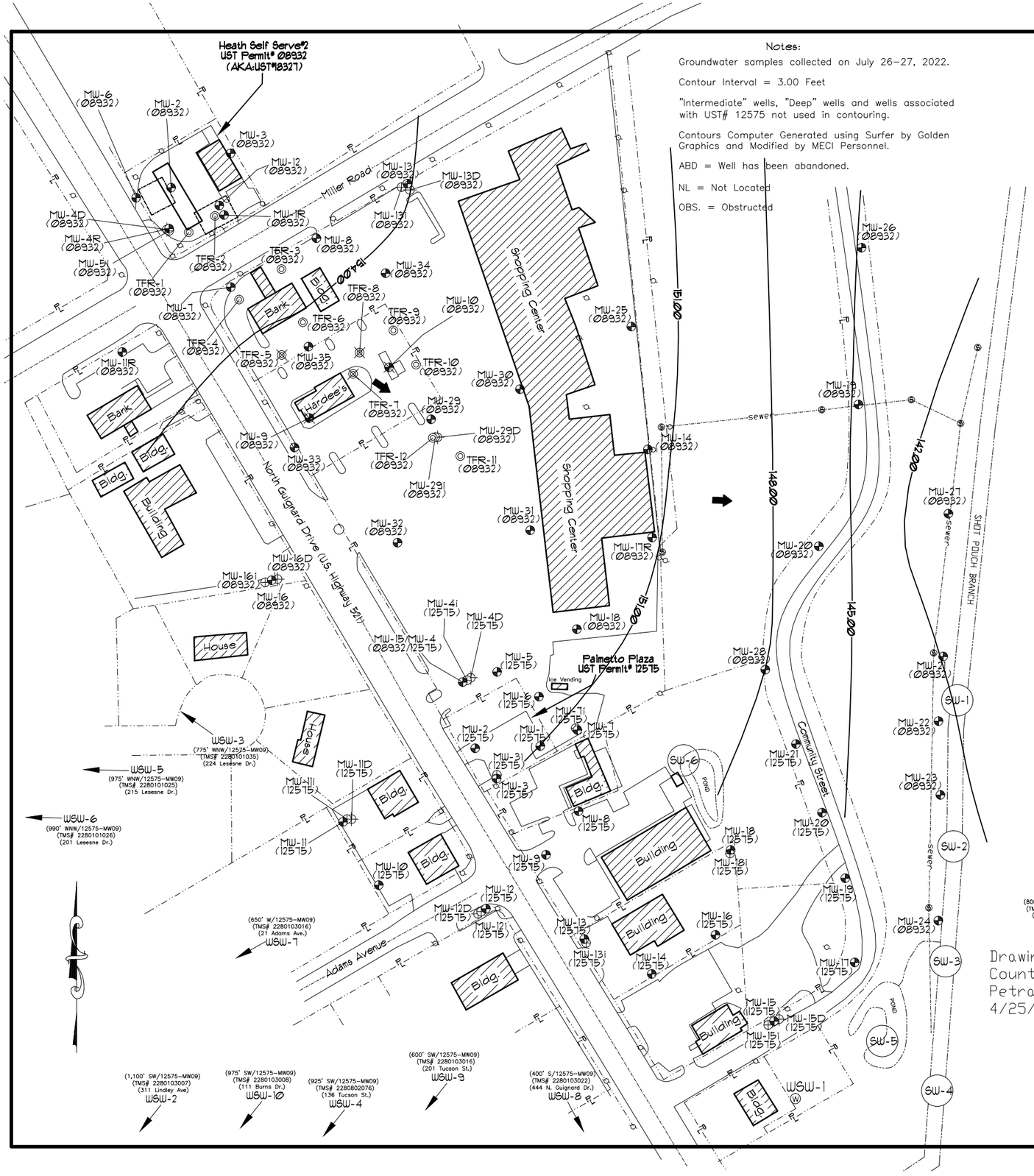
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889

DATE August 16, 2022

FIGURE 4E



Notes:

Groundwater samples collected on July 26–27, 2022.

Contour Interval = 3.00 Feet

"Intermediate" wells, "Deep" wells and wells associated with UST# 12575 not used in contouring.

Contours Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

ABD = Well has been abandoned.

NL = Not Located

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

——— Groundwater Elevation Contour (feet)

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

POTENTIOMETRIC DATA

Well Number	Screened Interval	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Well-head Elevation	Groundwater Elevation
MW-1R	13-23	---	17.29	---	171.85	154.56
MW-2	14-24	---	17.42	---	171.75	154.33
MW-3	14-24	---	18.91	---	173.70	154.79
MW-4R	12-22	---	16.53	---	171.22	154.69
MW-4D	52-57	---	18.24	---	171.17	152.93
MW-5i	40-45	---	17.49	---	171.15	153.66
MW-6	12-22	---	Obstructed	---	171.25	Obstructed
MW-7	12-22	---	17.02	---	171.23	154.21
MW-8	13-23	---	17.87	---	172.15	154.28
MW-9	13-23	---	Abandoned	---	170.53	Abandoned
MW-10	13-23	---	Abandoned	---	170.31	Abandoned
MW-11R	13-23	---	16.11	---	170.33	154.22
MW-12	10-30	---	17.57	---	172.28	154.71
MW-13	13-23	---	18.36	---	172.43	154.07
MW-13i	40-45	---	18.79	---	172.40	153.61
MW-13D	53-58	---	20.12	---	172.34	152.22
MW-14	10-20	---	12.55	---	164.01	151.46
MW-15	8-18	---	11.85	---	163.92	152.07
MW-16	10-20	---	13.29	---	166.77	153.48
MW-16i	40-45	---	13.47	---	166.66	153.19
MW-16D	55-60	---	15.49	---	166.78	151.29
MW-17R	10-20	---	12.58	---	163.81	151.23
MW-18	10-20	---	13.25	---	165.04	151.79
MW-19	3-13	---	8.65	---	153.52	144.87
MW-20	3-13	---	6.55	---	153.24	146.69
MW-21	3-13	---	NL	---	145.46	NL
MW-22	3-13	---	7.34	---	149.81	142.47
MW-23	3-13	---	5.88	---	148.33	142.45
MW-24	3-13	---	NL	---	144.62	NL
MW-25	6-16	---	10.09	---	162.47	152.38
MW-26	5-15	---	9.99	---	154.68	144.69
MW-27	6-16	---	10.79	---	150.28	139.49
MW-28	2-12	---	5.69	---	153.73	148.04
MW-29	10-20	---	15.81	---	169.20	153.39
MW-29i	40-45	---	15.81	---	169.12	153.31
MW-29D	55-60	---	18.02	---	169.08	151.06
MW-30	10-20	---	15.12	---	168.05	152.93
MW-31	10-20	---	15.11	---	167.65	152.54
MW-32	10-20	---	14.79	---	168.07	153.28
MW-33	10-20	---	15.65	---	169.33	153.68
MW-34	10-20	---	16.53	---	170.36	153.83
MW-35	10-20	---	17.69	---	171.18	153.49
TFR-1	TD: 24.40'	---	16.87	---	171.56	154.69
TFR-2	TD: 24.00'	---	17.48	---	172.02	154.54
TFR-3	TD: 25.20'	---	17.26	---	171.48	154.22
TFR-4	TD: 24.30'	---	17.19	---	171.35	154.16
TFR-5	TD: 25.00'	---	Abandoned	---	171.34	Abandoned
TFR-6	TD: 22.18'	---	17.06	---	171.03	153.97
TFR-7	TD: 25.00'	---	Abandoned	---	170.92	Abandoned
TFR-8	TD: 25.00'	---	Abandoned	---	170.74	Abandoned
TFR-9	TD: 25.01'	---	15.52	---	169.85	154.33
TFR-10	TD: 24.92'	---	16.92	---	169.83	152.91
TFR-11	TD: 25.03'	---	15.59	---	168.71	153.12
TFR-12	TD: 25.03'	---	15.80	---	169.21	153.41

Potentiometric Data Site Map
(Groundwater Contour-"Shallow" Zone)

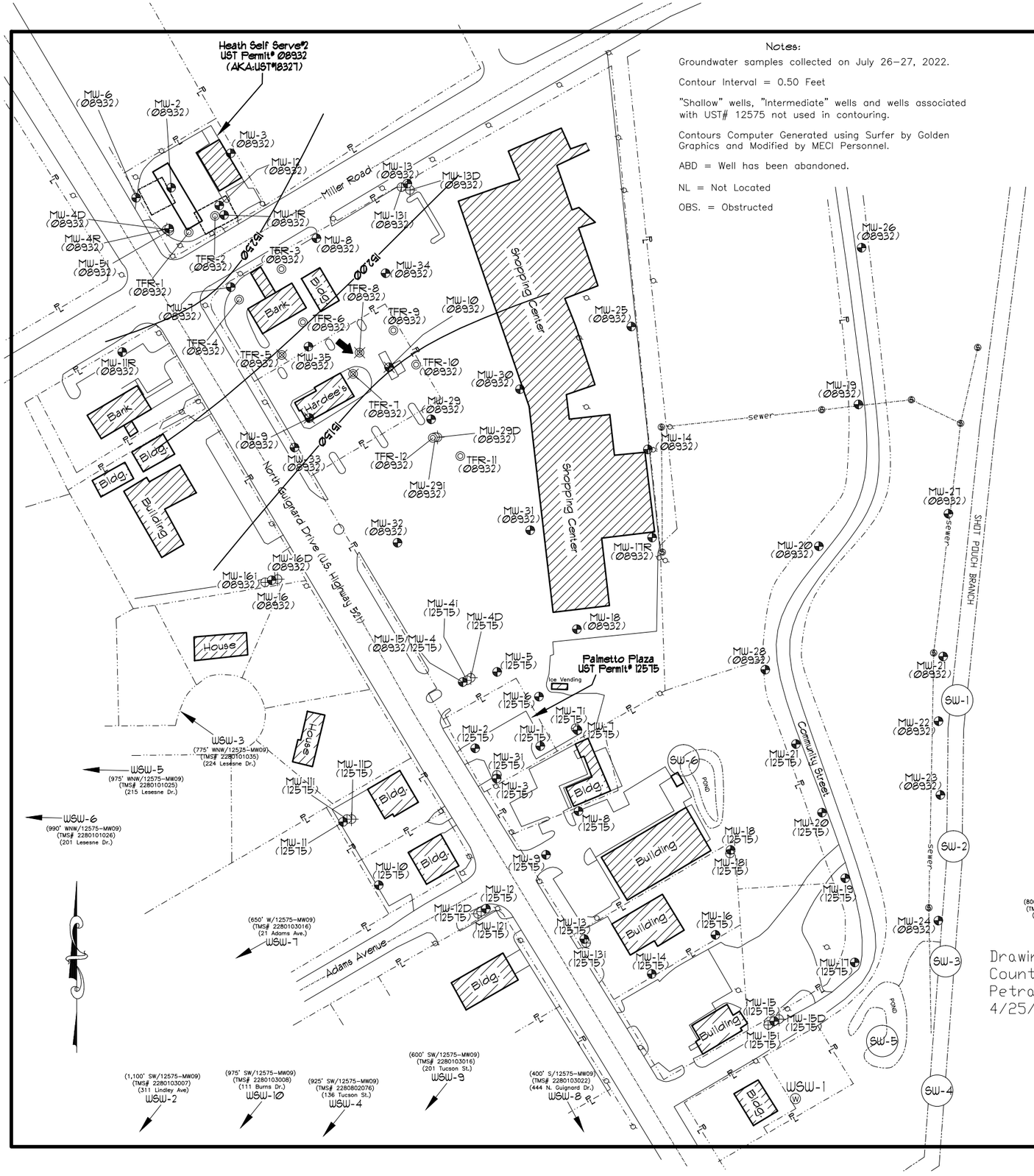
HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# Ø8932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889

DATE August 16, 2022

FIGURE 5



Notes:

Groundwater samples collected on July 26–27, 2022.

Contour Interval = 0.50 Feet

"Shallow" wells, "Intermediate" wells and wells associated with UST# 12575 not used in contouring.

Contours Computer Generated using Surfer by Golden Graphics and Modified by MECI Personnel.

ABD = Well has been abandoned.

NL = Not Located

OBS. = Obstructed

Explanation:

- Location of Watertable Bracketing Monitoring Well
- Location of "Deep" Monitoring Well
- Location of "Intermediate" Monitoring Well
- Location of 4-Inch Recovery Well
- Location of Abandoned Well
- (SW) Location of Surface Water Sample Collection

——— Groundwater Elevation Contour (feet)

Drawing Based on MECI Field Notes, Sumter County GIS Imagery and Figures by Petra-Tech Environmental, LLC., dated 4/25/2016.

GRAPHIC SCALE

0 90 180 270 360

1IN = 180FT

ALL LOCATIONS ARE APPROXIMATE

POTENTIOMETRIC DATA

Well Number	Screened Interval	Depth to Product (ft)	Depth to Water (ft)	Product Thickness (ft)	Well-head Elevation	Groundwater Elevation
MW-1R	13-23	---	17.29	---	171.85	154.56
MW-2	14-24	---	17.42	---	171.75	154.33
MW-3	14-24	---	18.91	---	173.70	154.79
MW-4R	12-22	---	16.53	---	171.22	154.69
MW-4D	52-57	---	18.24	---	171.17	152.93
MW-5i	40-45	---	17.49	---	171.15	153.66
MW-6	12-22	---	Obstructed	---	171.25	Obstructed
MW-7	12-22	---	17.02	---	171.23	154.21
MW-8	13-23	---	17.87	---	172.15	154.28
MW-9	13-23	---	Abandoned	---	170.53	Abandoned
MW-10	13-23	---	Abandoned	---	170.31	Abandoned
MW-11R	13-23	---	16.11	---	170.33	154.22
MW-12	10-30	---	17.57	---	172.28	154.71
MW-13	13-23	---	18.36	---	172.43	154.07
MW-13i	40-45	---	18.79	---	172.40	153.61
MW-13D	53-58	---	20.12	---	172.34	152.22
MW-14	10-20	---	12.55	---	164.01	151.46
MW-15	8-18	---	11.85	---	163.92	152.07
MW-16	10-20	---	13.29	---	166.77	153.48
MW-16i	40-45	---	13.47	---	166.66	153.19
MW-16D	55-60	---	15.49	---	166.78	151.29
MW-17R	10-20	---	12.58	---	163.81	151.23
MW-18	10-20	---	13.25	---	165.04	151.79
MW-19	3-13	---	8.65	---	153.52	144.87
MW-20	3-13	---	6.55	---	153.24	146.69
MW-21	3-13	---	NL	---	145.46	NL
MW-22	3-13	---	7.34	---	149.81	142.47
MW-23	3-13	---	5.88	---	148.33	142.45
MW-24	3-13	---	NL	---	144.62	NL
MW-25	6-16	---	10.09	---	162.47	152.38
MW-26	5-15	---	9.99	---	154.68	144.69
MW-27	6-16	---	10.79	---	150.28	139.49
MW-28	2-12	---	5.69	---	153.73	148.04
MW-29	10-20	---	15.81	---	169.20	153.39
MW-29i	40-45	---	15.81	---	169.12	153.31
MW-29D	55-60	---	18.02	---	169.08	151.06
MW-30	10-20	---	15.12	---	168.05	152.93
MW-31	10-20	---	15.11	---	167.65	152.54
MW-32	10-20	---	14.79	---	168.07	153.28
MW-33	10-20	---	15.65	---	169.33	153.68
MW-34	10-20	---	16.53	---	170.36	153.83
MW-35	10-20	---	17.69	---	171.18	153.49
TFR-1	TD: 24.40'	---	16.87	---	171.56	154.69
TFR-2	TD: 24.00'	---	17.48	---	172.02	154.54
TFR-3	TD: 25.20'	---	17.26	---	171.48	154.22
TFR-4	TD: 24.30'	---	17.19	---	171.35	154.16
TFR-5	TD: 25.00'	---	Abandoned	---	171.34	Abandoned
TFR-6	TD: 22.18'	---	17.06	---	171.03	153.97
TFR-7	TD: 25.00'	---	Abandoned	---	170.92	Abandoned
TFR-8	TD: 25.00'	---	Abandoned	---	170.74	Abandoned
TFR-9	TD: 25.01'	---	15.52	---	169.85	154.33
TFR-10	TD: 24.92'	---	16.92	---	169.83	152.91
TFR-11	TD: 25.03'	---	15.59	---	168.71	153.12
TFR-12	TD: 25.03'	---	15.80	---	169.21	153.41

Potentiometric Data Site Map
(Groundwater Contour-"Deep" Zone)

HQ Heath Self Serve #2
501 North Guignard Drive
Sumter, South Carolina
UST Permit# 08932

Midlands Environmental Consultants, Inc.

JOB NO. 22-7889
DATE August 16, 2022
FIGURE 5A

APPENDIX A:

SITE SURVEY

(Not Applicable)

APPENDIX B:

SAMPLING LOGS, LABORATORY DATA SHEETS, & CHAIN-OF-CUSTODY FORMS

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/27/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH:	(Yes)	No
Conductivity:	(Yes)	No
Dissolved Oxygen:	(Yes)	No
Turbidity:	Conductivity Calibrated Every 3 Months by QA Manager	

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-1R 7/27	Initial	1250	5.59	70.8	24.2	1.61	5.54		17.29		13.23				Sl. odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-2 7/27	Initial	1300	5.59	190.9	24.9	1.55	12.55		17.42		14.24				Odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-3 7/27	Initial	1238	5.32	26.9	22.4	1.95	17.64		18.91		14.24				No odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-4R 7/27	Initial	1417	5.44	69.1	23.6	1.42	29.56		16.53		12.22				St. odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/29/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-4D 7/27	Initial	1305	5.92	62.3	23.3	1.51	8.31				52-57				
	1st	1313	5.83	68.9	23.2	1.32	9.64								
	2nd	1319	5.55	69.6	23.3	1.69	10.05								
	3rd	1326	5.52	61.3	23.2	1.68	10.01		18.24			38.76	6.32	32	No odor
	4th	1333	5.36	58.4	23.0	1.44	9.94								
	5th	1340	5.21	56.9	22.9	1.21	9.68								
	Sampling												31.59		
MW-5 7/27	Initial	1345	5.65	40.5	23.1	1.82	8.37				40-45				
	1st	1351	5.50	40.1	23.1	1.80	9.27								
	2nd	1356	5.46	39.7	23.0	1.70	8.99								
	3rd	1401	5.31	39.2	23.0	1.61	8.94		12.99			20.51	4.48	23	No odor
	4th	1407	5.19	37.4	22.8	1.52	8.07								
	5th	1413	5.12	36.3	22.8	1.46	8.64								
	Sampling												22.42		
MW-6	Initial	DNS									12-22				
	1st														
	2nd														
	3rd														
	4th														
	5th														Obs. @ 16.10' Could not clean
	Sampling														
MW-7 7/27	Initial	1058	5.35	144.9	29.1	1.88	12.59								
	1st														
	2nd														
	3rd								12.02		12-22				
	4th														
	5th														Odor
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/29/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-8 7/27	Initial	1104	5.21	42.7	25.5	1.34	31.65		13.80		13-23				Odor Dup 3
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-9	Initial										13-23				abd
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-10	Initial										13-23				abd
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-11R 7/26	Initial	15:39	5.52	34.9	24.2	1.42	15.26		16.11		13-23	/	/	/	no odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/27/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-12 7/27	Initial	1244	5.05	81.4	26.1	1.35	18.02		17.55		10-30				Odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-13 7/27	Initial	1230	4.69	19.0	24.7	1.44	6.28		18.36		13-23				No odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-13' 7/27	Initial	1154	5.18	1.8	26.4	2.27	18.91		18.39		40-45	26.21	4.27	22	No odor
	1st	1200	5.03	1.4	26.1	2.09	18.56								
	2nd	1206	4.97	1.1	26.0	1.92	18.03						21.36		
	3rd	1212	4.85	0.8	26.0	1.68	17.94								
	4th	1218	4.80	0.7	25.9	1.47	14.61								
	5th	1224	4.72	0.5	25.9	1.35	12.28								
	Sampling														
mw-13D 7/27	Initial	1117	6.89	38.1	24.7	1.28	19.32		20.12		53-58	32.88	6.17	31	No odor
	1st	1123	6.58	42.9	24.9	1.19	19.31								
	2nd	1129	6.34	39.4	24.1	1.14	19.15						30.80		
	3rd	1136	6.17	34.0	23.9	1.01	19.28								
	4th	1142	5.99	29.9	23.0	0.86	19.27								
	5th	1148	5.85	28.6	23.4	0.55	16.82								
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/27/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: Yes No

Conductivity: Yes No

Dissolved Oxygen: Yes No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-14 7/26	Initial	15:59	4.99	97.2	22.3	.95	19.20		12.55		10-20	/	/	/	no odor
	1st												/		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-15 7/26	Initial	14:88	4.89	142.2	29.1	.59	23.15		11.85		8-18	/	/	/	no odor
	1st												/		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-16 7/26	Initial	15:02	3.93	99.2	29.1	1.99	20.15		13.29		10-20	/	/	/	no odor
	1st												/		
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-16i 7/26	Initial	14:39	4.62	39.8	25.4	.61	15.98		13.47		40-45	31.53	5.13	26	no odor
	1st	14:47	4.21	45.0	25.9	.42	25.03								
	2nd	14:53	4.76	49.6	26.3	.53	36.54						25.69		
	3rd	14:59	4.85	53.4	25.7	.14	49.08								
	4th	15:06	4.67	54.7	25.3	.20	39.05								
	5th	15:12	4.29	38.2	25.6	.15	17.39								
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/27/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-16D 7/26	Initial	15:03	9.08	44.6	23.7	.74	19.13		15.99		55-60	44.51	7.25		n/
	1st	15:13	4.28	57.2	24.6	.85	24.78								
	2nd	15:20	4.73	49.3	27.2	.72	36.40								
	3rd	15:27	3.41	62.8	27.3	.72	99.26								
	4th	15:34	4.85	61.2	28.1	.86	32.81								
	5th	15:42	4.60	59.7	26.3	.73	19.46						36.27	36.5	odor
	Sampling														
MW-17r 7/26	Initial	14:06	4.69	108.9	25.3	.79	18.63		12.58		10-20	(	(	(	no
	1st												/	/	
	2nd														odor
	3rd														
	4th														
	5th														
	Sampling														
MW-18 7/26	Initial	13:59	5.16	79.1	26.7	.73	15.95		13.25		10-20	/	/	/	n/
	1st												/	/	
	2nd														odor
	3rd														
	4th														
	5th														
	Sampling														
MW-19 7/26	Initial	12:09	5.11	36.3	27.2	.98	20.11		8.65		3-13	(	(	(	no
	1st								Silt 2.66				/	/	
	2nd														odor
	3rd								5.99						
	4th														stick up
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/27/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
MW-20 7/26	Initial	12:20	4.96	76.6	24.2	.94	17.49		6.85		3-13	✓	✓	✓	Stick up
	1st								3.50				✓		
	2nd								3.05						odor
	3rd														
	4th														
	5th														
	Sampling														
MW-21	Initial										3-13				NL
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
MW-22 7/26	Initial	13:48	5.56	86.6	25.2	1.68	20.53				3-13	✓	✓	✓	NO
	1st								7.34				✓		
	2nd								3.20						odor
	3rd								4.14						
	4th														Stick up
	5th														
	Sampling														
MW-23 7/26	Initial	13:36	5.25	95.3	24.9	.62	19.96				3-13	✓	✓	✓	NO
	1st								5.88				✓		
	2nd								2.50						odor
	3rd								3.38						
	4th														Stick up
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/29/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-29	Initial										3-13				nl
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-25 7/26	Initial	15:48	4.09	105.3	26.2	.77	19.02		10.09		6-16	/	/	/	no odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-26 7/26	Initial	12:09	4.80	69.9	23.7	.59	18.15		9.99		5-15	/	/	/	no odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling								su: 2.70						stick up
mw-27 7/26	Initial	13:18	5.25	201.2	25.9	.56	19.55		7.29						
	1st														
	2nd								10.79		6-16	/	/	/	no odor
	3rd														
	4th														
	5th														
	Sampling								su: 3.00						stick up
									7.79						

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/29/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-28 7/26	Initial	12:42	4.57	145.1	25.4	0.65	15.49		5.69		2-12	/	/	/	no odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling							SW:	2.35						
									3.39				/		
mw-29 7/27	Initial	0928	5.06	125.2	26.6	1.27	8.38				10-20	4.19	0.68		SL. odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling								15.81				23.41		
mw-29i 7/27	Initial	0935	5.12	41.8	26.3	1.42	9.81				90-45	29.19	4.76	24	No odor
	1st	0941	5.05	45.2	26.0	1.46	9.25								
	2nd	0945	5.09	43.6	25.4	1.49	8.50								
	3rd	0952	5.13	39.9	25.1	1.50	8.01								
	4th	0957	5.13	39.8	25.0	1.52	7.47								
	5th	1001	5.11	39.6	24.8	1.52	6.24								
	Sampling								15.81				23.59		
mw-29d 7/27	Initial	1006	5.81	52.8	25.8	1.23	13.42				55-60	41.98	6.84	35	No odor
	1st	1011	5.62	53.4	25.5	1.25	13.10								
	2nd	1016	5.50	60.0	25.1	1.24	12.24								
	3rd	1021	5.33	54.3	24.9	1.23	12.51								
	4th	1025	4.99	49.7	24.6	1.22	11.78								
	5th	1030	4.82	46.0	24.5	1.19	11.29								
	Sampling								18.02				34.21		

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/29/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH:	Yes	No
Conductivity:	Yes	No
Dissolved Oxygen:	Yes	No
Turbidity:	Conductivity Calibrated Every 3 Months by QA Manager	

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-30 7/27	Initial	1037	5.45	194.5	25.4	1.49	17.36		15.12		10-20	4.88			Odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-31 7/26	Initial	~~1103~~ 11:03	5.29	209.3	27.3	1.10	17.89		15.11		10-20				odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-32 7/26	Initial	16:10	5.45	351.9	27.8	1.26	12.03		14.79		10-20				odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-33 7/27	Initial	1045	6.24	102.9	25.4	2.31	19.46		15.65		10-20				St. odor
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/29/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
mw-3	Initial	1110	5.29	65.3	25.6	1.10	22.67		16.53		10-20				St. odor
7/27	1st								16.3						
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
mw-3S	Initial	1052	4.71	215.4	26.8	1.06	18.50		17.69		10-20				St. odor
7/27	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
TFR-1	Initial	10:02	6.45	69.0	25.2	1.41	21.58		16.87		TD: 24.90	7.53	4.91	25	odor
7/26	1st	10:09	6.13	71.3	25.3	2.11	26.12								
	2nd	10:13	6.29	72.8	25.6	2.53	29.56						24.58		
	3rd	10:18	6.44	76.1	25.9	2.09	36.78								
	4th	10:23	6.36	70.9	25.8	1.29	20.05								
	5th	10:30	6.41	73.6	25.2	1.02	20.17								
	Sampling														
TFR-2	Initial	10:06	9.65	98.4	25.5	1.17	21.95		17.98		TD 24.00	6.52	4.25	21.5	odor
7/26	1st	10:10	9.53	101.5	25.6	1.79	27.11								
	2nd	10:12	9.28	130.9	25.7	1.43	29.56						21.28		
	3rd	10:15	9.46	99.2	25.8	1.28	32.60								
	4th	10:20	8.93	113.9	25.3	1.14	32.81								
	5th	10:25	8.72	125.4	25.7	1.39	28.11								
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/29/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: Yes No

Conductivity: Yes No

Dissolved Oxygen: Yes No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
TFR-3 7/26	Initial	10:13	6.99	89.7	23.8	.91	21.96				TD: 25.20	7.99	~~5.18~~	~~26~~	odor
	1st	10:20	5.93	92.4	24.2	.85	20.07								
	2nd	10:27	5.90	96.3	25.6	1.02	36.51								
	3rd	10:35	5.96	100.6	25.3	1.13	40.18		17.99						
	4th	10:39	5.99	102.3	25.4	.95	36.40								
	5th	10:44	5.36	109.7	25.3	.92	20.88		17.26				23.92	26	
	Sampling														
TFR-4 Dup 7/26	Initial	10:22	5.45	86.7	24.7	1.32	25.41				TD: 24.30	7.11	4.69	23.5	Strong odor Dupl
	1st	10:30	5.16	90.3	29.2	1.48	29.53								
	2nd	10:36	5.35	91.4	29.3	1.36	35.62								
	3rd	10:41	5.21	99.3	29.4	1.29	49.80		17.19						
	4th	10:46	5.29	103.2	29.2	1.41	21.53								
	5th	10:52	5.36	84.2	29.6	1.46	20.45						23.21		
	Sampling														
TFR-5	Initial										TD: 25.00				Abd
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
TFR-6 7/26	Initial	10:39	5.92	129.5	27.2	.81	20.13				TD: 22.18	5.12	3.34	17	Sl odor
	1st	10:41	5.17	139.2	29.8	.76	24.11								
	2nd	10:43	5.29	150.6	29.2	.79	29.88								
	3rd	10:49	5.06	136.2	30.2	.69	39.49		17.06						
	4th	10:53	5.35	140.8	29.6	.70	40.18								
	5th	10:59	5.98	121.4	22.9	.89	34.96						16.71		
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/29/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: **Conductivity Calibrated Every 3 Months by QA Manager**

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
TFR-7	Initial										TD: 25.0				add
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
TFR-8	Initial										TD: 25.00				add
	1st														
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
7/26 TFR-9	Initial	10:48	5.58	123.5	26.2	1.25	19.95		15.52		TD: 25.01	9.49	6.19	31	slight odor
	1st	10:55	5.40	130.5	29.1	1.90	20.16								
	2nd	11:01	5.59	139.2	30.5	1.41	29.53								
	3rd	11:08	5.60	140.1	35.6	1.02	29.92								
	4th	11:16	5.29	131.6	32.9	1.90	26.95						30.98		
	5th	11:25	5.99	139.3	30.8	1.30	30.05								
	Sampling														
7/26 TFR-10 Dup2	Initial	11:08	5.60	147.2	26.3	1.31	18.15		16.92		TD: 24.92	8.00	5.22	26.5	odor
	1st	11:20	5.18	152.6	26.3	1.44	21.09								
	3rd	11:24	5.26	149.8	26.7	1.39	25.45								
	3rd	11:30	5.30	159.2	26.9	1.92	31.05								
	4th	11:32	5.31	160.9	26.8	1.30	29.02						26.12		Dup2
	5th	11:36	5.98	141.3	27.1	1.39	22.53								
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/29/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
TFR-11 7/26	Initial	11:30	5.82	57.3	26.2	1.13	18.20		15.59		TD: 25.03	9.99	6.16	31	~~Sheen~~ odor
	1st	10:34	5.60	59.2	29.4	1.19	20.13								
	2nd	10:39	5.75	62.8	29.3	1.27	24.40								
	3rd	11:46	5.38	61.5	29.2	1.36	29.36								
	4th	11:50	5.26	63.6	29.5	1.40	24.30								
	5th	11:54	5.49	69.9	29.3	1.25	20.45								
	Sampling												30.82		
TFR-12 7/26	Initial	11:42							15.80		TD: 25.03 TD: new 16.10				No odor
	1st		MS account worker to purge or set parameters well possibly filled point												
	2nd														
	3rd														
	4th														
	5th														
	Sampling														
Dup-1 7/26 Dup-2 7/26 Dup-3 7/29 TB1	Initial	TFR-1 10:52													
	1st	TFR 10-11:36													
	2nd														
	3rd														
	4th	MW-8 1104													
	5th														
	Sampling	0800													
TB2 FB GAC 14:53	Initial														
	1st	~~16:25~~	TB-2	0800											
	2nd														
	3rd	~~16:25~~	FB 2:	1456											
	4th														
	5th														
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

Midlands Environmental Consultants, Inc.

Monitoring Well Purge And Sampling Data 2

Field Personnel: TB, CH, HS, JC, MF

Sampling Date(s): 7/26/22 - 7/27/22

Sampling Case#: 2

Job Name: Hq Heath Self Serve

Job Number: 22-7889

Calibration Data for :

Calibration Successful? Yes or No (Please Circle)

pH: (Yes) No

Conductivity: (Yes) No

Dissolved Oxygen: (Yes) No

Turbidity: Conductivity Calibrated Every 3 Months by QA Manager

Well No.	Purge Volume	Sample Time	pH(i)	cond(i)	Temp. (°C)	DO (mg/l)	Turbidity (NTU)	Depth to (feet): product	Depth to (feet): initial H_2O	Depth to (feet): final H_2O	Well Depth (feet)	Water Height *(feet)	Gallons Purged **calc.	Gallons Purged actual	Notes
Sw-1 7/26	Initial	13:36	Sampled from shot patch branch												
Sw-2 7/26	1st	13:24	sampled from shot patch branch												
Sw-3 7/26	2nd	13:12	sampled from shot patch branch												
Sw-4 7/26	3rd														
	4th														
	5th	~~13:~~ 12:53	sampled from shot patch branch												
	Sampling														
Sw-5 7/26	Initial	13:02	sampled from pond												
Sw-6 7/26	1st														
	2nd	13:40	sampled from retention pond												
	3rd														
	4th														
	5th														
	Sampling														
Wsw-3 7/26	Initial														
	1st	15:40, DUP	well supplies irrigation system, sample collected from sprinkler, 224 Lesesne Dr.												33.931100, -80.369642
Wsw-5 7/26	2nd														
	3rd	15:49	collected from spigot on back of house, 215 Lesesne Dr.								33.930567, -80.370507				
	4th														
	5th														
	Sampling														
Wsw-6	Initial														
	1st	No well located at 209 Lesesne Dr., property inhabitant had no knowledge of well, likely wrong address, house on city water as well													
	2nd	15:55													
Wsw-Dup 7/26	3rd	15:40	wsw-3												
	4th														
Wsw-FB 7/26	5th	15:57	Wsw-TB					8:00 7/26							
	Sampling														

*= (Depth of Well) - (Depth to Water = **Water Height**

One Well Volume =x.047 for 1" wells * x **.163 for 2" wells**, or * x **.66 for 4" wells**, 1.469 for 6" wells

= One Well Volume x 5 = **Gallons Purged (calculated)

Casing	Gallons
1"	0.047
2"	0.163
4"	0.653
6"	1.469

Sampling Case#	Ph/Conductance SN	DO SN	Turbidity
Case #1	15H101448	17E101302	201301183
Case #2	15E101481	14H103098	201301174
Case #3	17E100512	17E103488	201510251

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

Laboratory Job ID: 680-218982-1
Client Project/Site: HQ Heath Self Serve 2
Revision: 1

For:
Midlands Environmental Consultants Inc
231 Dooley Road
Lexington, South Carolina 29073

Attn: Kyle Pudney

Authorized for release by:
8/18/2022 4:11:08 PM

John Andros, Project Manager I
(404)944-4744
John.Andros@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Definitions/Glossary

Client: Midlands Environmental Consultants Inc
Job ID: 680-218982-1
Project/Site: HQ Heath Self Serve 2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
H4	Container indicated preservation, however measured pH was >2 at time of analysis. Analysis date was more than 7 days from sampling date, as required for samples not preserved to pH<2.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Sample Summary

Client: Midlands Environmental Consultants Inc
Project/Site: HQ Heath Self Serve 2

Job ID: 680-218982-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-218982-1	mw-1r	Ground Water	07/27/22 12:50	07/28/22 16:40
680-218982-2	mw-2	Ground Water	07/27/22 13:00	07/28/22 16:40
680-218982-3	mw-3	Ground Water	07/27/22 12:38	07/28/22 16:40
680-218982-4	mw-4r	Ground Water	07/27/22 14:17	07/28/22 16:40
680-218982-5	mw-4D	Ground Water	07/27/22 13:40	07/28/22 16:40
680-218982-6	mw-5i	Ground Water	07/27/22 14:13	07/28/22 16:40
680-218982-7	mw-7	Ground Water	07/27/22 10:58	07/28/22 16:40
680-218982-8	mw-8	Ground Water	07/28/22 11:04	07/28/22 16:40
680-218982-9	mw-11r	Ground Water	07/26/22 15:30	07/28/22 16:40
680-218982-10	mw-12	Ground Water	07/27/22 12:44	07/28/22 16:40
680-218982-11	mw-13	Ground Water	07/27/22 12:30	07/28/22 16:40
680-218982-12	mw-13i	Ground Water	07/27/22 12:24	07/28/22 16:40
680-218982-13	mw-13d	Ground Water	07/27/22 11:48	07/28/22 16:40
680-218982-14	mw-14	Ground Water	07/26/22 13:59	07/28/22 16:40
680-218982-15	mw-15	Ground Water	07/26/22 14:08	07/28/22 16:40
680-218982-16	mw-16	Ground Water	07/26/22 15:02	07/28/22 16:40
680-218982-17	mw-16i	Ground Water	07/26/22 15:12	07/28/22 16:40
680-218982-18	mw-16d	Ground Water	07/26/22 15:42	07/28/22 16:40
680-218982-19	mw-17r	Ground Water	07/26/22 14:06	07/28/22 16:40
680-218982-20	mw-18	Ground Water	07/26/22 13:59	07/28/22 16:40
680-218982-21	mw-19	Ground Water	07/26/22 15:30	07/28/22 16:40
680-218982-22	mw-20	Ground Water	07/26/22 12:20	07/28/22 16:40
680-218982-23	mw-22	Ground Water	07/26/22 13:48	07/28/22 16:40
680-218982-24	mw-23	Ground Water	07/26/22 13:36	07/28/22 16:40
680-218982-25	mw-25	Ground Water	07/26/22 13:46	07/28/22 16:40
680-218982-26	mw-26	Ground Water	07/26/22 12:09	07/28/22 16:40
680-218982-27	mw-27	Ground Water	07/26/22 13:18	07/28/22 16:40
680-218982-28	mw-28	Ground Water	07/26/22 12:42	07/28/22 16:40
680-218982-29	mw-29	Ground Water	07/27/22 09:28	07/28/22 16:40
680-218982-30	mw-29i	Ground Water	07/27/22 10:01	07/28/22 16:40
680-218982-31	mw-29d	Ground Water	07/27/22 10:30	07/28/22 16:40
680-218982-32	mw-30	Ground Water	07/27/22 10:37	07/28/22 16:40
680-218982-33	mw-31	Ground Water	07/26/22 11:03	07/28/22 16:40
680-218982-34	mw-32	Ground Water	07/26/22 16:10	07/28/22 16:40
680-218982-35	mw-33	Ground Water	07/27/22 10:45	07/28/22 16:40
680-218982-36	mw-34	Ground Water	07/27/22 11:10	07/28/22 16:40
680-218982-37	mw-35	Ground Water	07/27/22 10:52	07/28/22 16:40
680-218982-38	TFR-1	Ground Water	07/26/22 10:30	07/28/22 16:40
680-218982-39	TFR-2	Ground Water	07/26/22 10:25	07/28/22 16:40
680-218982-40	TFR-3	Ground Water	07/26/22 10:44	07/28/22 16:40
680-218982-41	TFR-4	Ground Water	07/26/22 10:52	07/28/22 16:40
680-218982-42	TFR-6	Ground Water	07/26/22 10:59	07/28/22 16:40
680-218982-43	TFR-9	Ground Water	07/26/22 11:25	07/28/22 16:40
680-218982-44	TFR-10	Ground Water	07/26/22 11:36	07/28/22 16:40
680-218982-45	TFR-11	Ground Water	07/26/22 11:54	07/28/22 16:40
680-218982-46	TFR-12	Ground Water	07/26/22 11:42	07/28/22 16:40
680-218982-47	Dup-1	Ground Water	07/26/22 00:00	07/28/22 16:40
680-218982-48	Dup-2	Ground Water	07/26/22 00:00	07/28/22 16:40
680-218982-49	Dup-3	Ground Water	07/27/22 00:00	07/28/22 16:40
680-218982-50	FB-1	Water	07/26/22 16:25	07/28/22 16:40
680-218982-51	FB-2	Water	07/27/22 14:56	07/28/22 16:40
680-218982-52	Gac	Ground Water	07/26/22 14:53	07/28/22 16:40
680-218982-53	TB-1	Water	07/26/22 08:00	07/28/22 16:40
680-218982-54	TB-2	Water	07/27/22 08:00	07/28/22 16:40
680-218982-55	SW-1	Surface Water	07/26/22 13:36	07/28/22 16:40