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and Contractors

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SCS ENGINEERS

July 13, 2017
File No. 25216022.00

Mr. Jason Lowery
Wisconsin Department of Natural Resources
Bureau for Remediation and Redevelopment – RR/5
P.O. Box 7921
Madison, WI 53707

Subject: Annual Groundwater Monitoring Report
May 2017 Monitoring Event
Stoughton City Landfill
FID #113005950 – License #133
USEPA ID #WID980901219
WDNR Purchase Order #37000-0000006548

Dear Mr. Lowery:

This letter provides the Annual Groundwater Monitoring Report for the May 2017 monitoring event for the Stoughton City Landfill site. The annual groundwater monitoring events are scheduled for April of each year; however, due to wet conditions this year the monitoring did not occur until May. The 2017 groundwater monitoring well sampling was conducted on May 4, 2017 and May 5, 2017. Two copies of this report and a compact disk with the electronic data file is being submitted to the Wisconsin Department of Natural Resources (WDNR) Central Office, along with the Groundwater Monitoring Data Certification Form. A copy is also being sent to the U.S. Environmental Protection Agency (USEPA).

ANNUAL GROUNDWATER MONITORING FIELD PROCEDURES

The field procedures and the groundwater sampling were performed in accordance with the Quality Assurance Project Plan (QAPP) Revision 2 submitted to the WDNR on March 31, 2016. TestAmerica, Inc. of University Park, IL, analyzed the groundwater samples for volatile organic compounds (VOCs) including dichlorodifluoromethane (DCDFM) and tetrahydrofuran (THF) by EPA Method SW 8260B.

Groundwater Analytical Results

Table 1 is a summary of analytical results for the groundwater monitoring at the site. The new water table elevations summary is included as **Table 2**. Field parameter results are summarized in **Table 3**. Historical target compound detections are summarized in **Table 4**. The original laboratory analytical and quality control report are enclosed as **Attachment A**. A summary of NR 140 standard exceedances is provided in **Attachment B**. The field data form is provided in **Attachment C**.

Quality Assurance

The laboratory's quality control data were all within acceptable limits. The laboratory's percent Surrogate recoveries were all within acceptance limits. All LCS spike recoveries were within the acceptance limits, as were all the MS/MSD recoveries.

It should be noted that all the historical site data were analyzed by the USEPA Contract Laboratory Program (CLP) Routine Analytical Services (RAS) using the Low/Medium Concentration Organic Target Compound List (TCL) and Contract Required Quantitation Limits (CRQL) of 10 micrograms per liter (µg/L). The current analytical laboratory, TestAmerica, Inc., provides detection limits for SW 8260B VOCs ranging from 0.15 µg/L for benzene to 2.0 µg/L for 1,2-Dibromo-3-Chloropropane.

Volatile Organic Compounds Detected

The following VOC was detected above the preventive action limit (PAL) or enforcement standard (ES):

- Tetrachloroethene – MW10I at 1.8 µg/L (PAL of 0.5 µg/L)

This is consistent with past results. Several other VOCs were detected at levels below their respective PAL and ES limits (see **Table 1**).

Sampling Plan Deviations

There were no noted deviations from the sampling plan.

A compact disk is enclosed containing a copy of this report as a PDF file. If you have any questions about the results or any other aspect of the project, please call us at (608) 224-2830.

Sincerely,

Eli I. Sankey
Associate Engineer, EIT
SCS ENGINEERS

Leslie A. Busse, PE
Senior Project Manager
SCS ENGINEERS

ES/lmh/LAB

cc: Ms. Giang Van Nguyen – USEPA Region V (w/o CD)

Enclosures: CD Containing Electronic Copy of Report
Table 1 – Groundwater Analytical Results Summary - VOCs
Table 2 – Water Level Summary
Table 3 – Groundwater Monitoring Results for Field Parameters
Table 4 – Historical Target Compound Detections
Figure 1 – Site Plan
Attachment A – Laboratory Analytical Report
Attachment B – Groundwater Monitoring Data Certification Form (with Exceedances Report)
Attachment C – Field Data Form

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TABLES

Table 1. Groundwater Analytical Results Summary - VOCs
Stoughton City Landfill / SCS Engineers Project #25216022.00
(Results are in µg/L)

Sample	Date	Lab Notes	DRO	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	Lead	Other VOCs	
MW3D	4/7/2016	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
	5/4/2017	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Tetrahydrofuran	6.5 J
MW4D	4/7/2016	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
	5/4/2017	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
MW5D	4/7/2016	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
	5/4/2017	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
MW5D Dup	4/7/2016	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
	5/4/2017	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
MW7I	4/7/2016	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
	5/5/2017	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Tetrahydrofuran	6.9 J
MW8I	4/7/2016	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
	5/5/2017	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
MW9B	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane Trichlorofluoromethane	11 7.9
	5/5/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane Dichlorofluoromethane	3.1 1.5
MW9S	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane	23
	5/5/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane Dichlorofluoromethane	26 30
MW9I	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane Trichloroethene	19 *0.59*
	5/5/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane Dichlorofluoromethane	24 13
MW9I Dup	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane	21
	5/5/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane Dichlorofluoromethane Trichloroethene	26 14 0.39 J
MW10S	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	ND	
	5/5/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	ND	
MW10I	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane Tetrachloroethene	8.2 *1.3*
	5/5/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane Dichlorofluoromethane Tetrachloroethene	12 6.1 *1.8*

Table 1. Groundwater Analytical Results Summary - VOCs
Stoughton City Landfill / SCS Engineers Project #25216022.00
(Results are in µg/L)

Sample	Date	Lab Notes	DRO	GRO	Benzene	Ethylbenzene	Toluene	Xylenes	TMBs	MTBE	Naphthalene	Lead	Other VOCs	
MW13I	4/7/2016	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Dichlorodifluoromethane Tetrahydrofuran	4.1 *13*
	10/18/2016	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Tetrahydrofuran	4.6 J
	5/5/2017	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	
MW14S	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	ND	
	5/5/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	ND	
MW14I	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane	2.8
	5/5/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	Dichlorodifluoromethane Dichlorofluoromethane	4.6 12
Field Blank	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	ND	
	5/5/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34 *F1	NA	ND	
Trip Blank	4/7/2016	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	ND	
	10/18/2016	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Tetrahydrofuran	2.5 J
	5/4/2017	--	NA	NA	<0.15	<0.18	<0.15	<0.22	<0.61	<0.39	<0.34	NA	ND	
NR 140 Enforcement Standards (ESs)			NE	NE	5	700	800	2,000	480	60	100	15	Dichlorodifluoromethane Dichlorofluoromethane Tetrahydrofuran Tetrachloroethene Trichloroethene Trichlorofluoromethane	1,000 NE 50 5 5 3,490
NR 140 Preventive Action Limits (PALs)			NE	NE	0.5	140	160	400	96	12	10	1.5	Dichlorodifluoromethane Dichlorofluoromethane Tetrahydrofuran Tetrachloroethene Trichloroethene Trichlorofluoromethane	200 NE 10 0.5 0.5 698

Abbreviations:
µg/L = micrograms per liter or parts per billion (ppb)
TMBs = 1,2,4- and 1,3,5-trimethylbenzenes
NA = Not Analyzed
(Dup) = Duplicate Sample
DRO = Diesel Range Organics
MTBE = Methyl-tert-butyl ether
ND = Not Detected
-- = Not Applicable
GRO = Gasoline Range Organics
VOCs = Volatile Organic Compounds
NE = No Standard Established

Notes:
NR 140 ESs - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from February 2017.
NR 140 PALs - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards from February 2017.
Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.

Laboratory Notes/Qualifiers:
F1 = MS and/or MSD Recovery is outside acceptance limits.
J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.
* = LCS or LCSD is outside acceptance limits.

Created by: AV Date: 4/29/2016
Last revision by: MOB Date: 6/29/2017
Checked by: EIS Date: 7/6/2017

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Table 2. Water Level Summary
Stoughton City Landfill
SCS Engineers Project #25216022.00

Raw Data	Depth to Water in feet below top of well casing												
	MW03D	MW04D	MW05D	MW07I	MW08I	MW09S	MW09I	MW09B	MW10S	MW10I	MW13I	MW14S	MW14I
Measurement Date													
May 4, 2017	8.74	6.14	6.08										
May 5, 2017				0.00	0.12	1.11	1.48	1.25	3.18	0.00	0.00	2.94	1.68

	Ground Water Elevation in feet above mean sea level (amsl)												
Well Number	MW03D	MW04D	MW05D	MW07I	MW08I	MW09S	MW09I	MW09B	MW10S	MW10I	MW13I	MW14S	MW14I
Top of Casing Elevation (feet amsl)	855.17	852.08	852.35	843.99	846.32	847.23	847.14	846.68	846.88	845.86	853.02	848.73	847.38
Screen Length (ft)	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
Total Depth (ft from top of casing)	73.0	74.0	77.0	60.0	62.4	13.4	21.5	83.3	16.9	39.8	57.5	26.2	51.2
Top of Well Screen Elevation (ft)	792.17	788.08	785.35	793.99	793.92	843.83	835.64	773.38	839.98	816.06	805.52	832.53	806.18
Measurement Date													
May 4, 2017	846.43	845.94	846.27										
May 5, 2017				843.99	846.20	846.12	845.66	845.43	843.70	845.86	853.02	845.79	845.70
Bottom of Well Elevation (ft)	782.17	778.08	775.35	783.99	783.92	833.83	825.64	763.38	829.98	806.06	795.52	822.53	796.18

Created by: ES Date: 6/28/17
Last revision by: ES Date: 6/28/17
Checked by: MOB Date: 6/29/17

I:\25216022.00\Deliverables\Annual GW Report and Semiannual Inspection\2017\[Table 2_Water level summary.xls]levels

Table 3. Groundwater Monitoring Results for Field Parameters
Stoughton City Landfill
SCS Engineers Project #25216022.00

Well Number	Date	Temperature (^{0} C)	Specific Conductivity (us/cm)	pH (Std. Units)
MW03D	5/4/17	9.0	793	7.53
MW04D	5/4/17	8.7	878	7.37
MW05D	5/4/17	8.9	717	7.58
MW07I	5/5/17	10.1	774	7.40
MW08I	5/5/17	9.9	898	7.27
MW09S	5/5/17	9.3	646	7.56
MW09I	5/5/17	9.8	626	7.44
MW09B	5/5/17	9.5	635	7.34
MW10S	5/5/17	8.0	523	7.29
MW10I	5/5/17	10.0	647	7.25
MW13I	5/5/17	9.8	528	7.60
MW14S	5/5/17	9.2	321	7.68
MW14I	5/5/17	10.3	652	7.40

Created by: ES Date: 6/28/17
Last revision by: ES Date: 6/28/17
Checked by: MOB Date: 6/29/17

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Table 4. Historical Target Compound Detections
Annual Groundwater Report - May 2017
Stoughton City Landfill / SCS Engineers Project #25216022.00

Shallow Monitoring Wells				
	Current Event Concentration (µg/L)		Historical Range (µg/L)	
Well	DCDFM	THF	DCDFM	THF
MW9S	26	ND	22-400	ND-22
MW10S	ND	ND	ND-20	ND-20
MW13S	NA	NA	ND	ND
MW14S	ND	ND	2.5-710	ND-50

Intermediate and Deep Monitoring Wells				
	Current Event Concentration (µg/L)		Historical Range (µg/L)	
Well	DCDFM	THF	DCDFM	THF
MW3D	ND	6.5	ND	3.2-310
MW4D	ND	ND	ND-0.05	ND-2.2
MW5D	ND	ND	0.92-10	1.1-4.0
MW7I	ND	6.9	ND-0.026	ND-16
MW8I	ND	ND	ND	ND-20
MW8B	NA	NA	ND	ND
MW9I	26	ND	12-340	ND-12
MW9B	3.1	ND	2.3-25	ND-2.4
MW10I	12	ND	ND-280	ND-21
MW13I	ND	ND	ND-9.2	ND-22
MW14I	4.6	ND	4.4-590	ND-2.4

Abbreviations:
µg/L = micrograms per liter
DCDFM = dichlorodifluoromethane
THF = tetrahydrofuran
NA = Not Analyzed
ND = No Detections

Created by: ES Date: 6/28/2017
Last revision by: ES Date: 6/28/2017
Checked by: LMH Date: 7/10/2017

I:\25216022.00\Deliverables\Annual GW Report and Semiannual Inspection\2017\[Table 4_Historical_Target_Compound_Detections_May_2017.xlsx]GW Natural Attenuation

FIGURE 1

Site Plan

MW-12 CLUSTER LOCATED
APPROXIMATELY 1,000' EAST
EAST-WEST 1/4 LINE
APPROX. WETLAND BOUNDARY
EXISTING WETLANDS
APPROXIMATE WETLAND BOUNDARY
CAPPING LIMITS
RIP-RAP
24" RCP
N02°54'40"W
667.82'
N02°04'20"W
1143.57'
AMUNDSON PARKWAY
GRAVEL DRIVE
LEGEND
BENCHMARK
POWER POLE
SEWER MANHOLE
WATER VALVE
CHAIN LINK FENCE
PROPERTY LINE
WETLAND BOUNDARY
SANITARY SEWER LINE
WATER LINE
TELEPHONE LINE
OVERHEAD UTILITY LINE
CAPPING LIMITS
TOPSOIL CONTOUR (1' INTERVAL)
DECIDUOUS TREE
TREE LINE
WOOD FENCE
CHAINLINK FENCE
GAS VENT RISER
MONITORING WELL
FIRE HYDRANT
CONTROL POINT
NOTES:
1. ORIGINAL MAP BASED ON REI SURVEYING MAP DRAWN 02/01/99 BY THOMAS A. RADENZ.
2. THE LOCATION OF UNDERGROUND UTILITIES ARE OBTAINED FROM FIELD MEASUREMENTS AND CITY OF STOUGHTON RECORDS. FIELD VERIFY.
872.63
WEST GATE
LANDS OWNED BY THE CITY OF STOUGHTON
EXISTING CONDOMINIUM COMPLEX
PROPERTY OWNER: SKAALEN SUNSET HOME INC. 400 NORTH MORRIS STREET STOUGHTON, WI 53589
MW-13S
MW-13I
853.02
MW-13D
(ABANDONED)
OW-04
EW-01
OW-01
(ABANDONED)
OW-03
OW-02
MW-9I 845.14
MW-9S 845.68
MW-9B 844.88
MW-5S
MW-5D 845.72
MW-14D
MW-14S 845.20
MW-14I 844.98
MW-10S 843.79
MW-10I 845.86
MW-10D
(ABANDONED)
MW-4S
MW-4D 845.38
MW-8S
MW-8I 845.67
MW-8B
MW-7S
MW-7I 843.99
MW-7B
(ABANDONED)
MW-3S
MW-3D 845.85
MW-3B
MW-15S
MW-15I
MW-15D
GMP-3
MW-1D
MW-1S
MW-2S
MW-2D
GMP-1
BM#1
MW-6D
MW-6S
MW-11D
MW-11I
MW-11S
CP-21
CP-19
CP-5
GV-1
GV-2
GV-3
GV-4
GV-5
GV-6
GV-7
GV-8
GV-9
GV-10
GV-11
GV-12
GV-13
GV-14
GV-15
GV-16
GV-17
GV-18
GV-19
GV-20
GV-21
SCALE: 1" = 60'

SHEET 1

SITE PLAN

STOUGHTON CITY LANDFILL
STOUGHTON, WISCONSIN

SITE

DEPARTMENT OF NATURAL RESOURCES
101 S. WEBSTER STREET
MADISON, WI 53702

CLIENT

SCS ENGINEERS
2830 DAIRY DRIVE MADISON, WI 53718-6751
PHONE: (608) 224-2830

ENGINEER

PROJECT NO.	25216022.00	DRAWN BY:	AHB
DRAWN:	06/06/00	CHECKED BY:	SS
REVISED:	05/26/16	APPROVED BY:	LAB 05/31/16

ATTACHMENT A

Laboratory Analytical Report

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-127911-1
Client Project/Site: Stoughton LF - 25216022

For:
SCS Engineers
2830 Dairy Dr
Madison, Wisconsin 53718

Attn: Mr. Tom Karwoski

Sandie Fredrick

Authorized for release by:
5/23/2017 8:19:02 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

Table of Contents

Case Narrative

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Job ID: 500-127911-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-127911-1

Comments
No additional comments.

Receipt
The samples were received on 5/10/2017 9:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.7º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) for batch 385529 recovered outside control limits for Naphthalene. This analyte was biased high in the LCS and was not detected in the associated samples: Trip Blank (500-127911-1) and Field Blank (500-127911-2) ; therefore, the data has been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Client Sample ID: Trip Blank — Lab Sample ID: 500-127911-1

No Detections.

Client Sample ID: Field Blank — Lab Sample ID: 500-127911-2

No Detections.

Client Sample ID: MW3D — Lab Sample ID: 500-127911-3

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrahydrofuran	6.5	J	10	1.9	ug/L	1		8260B	Total/NA

Client Sample ID: MW4D — Lab Sample ID: 500-127911-4

No Detections.

Client Sample ID: MW5D — Lab Sample ID: 500-127911-5

No Detections.

Client Sample ID: MW5D DUP — Lab Sample ID: 500-127911-6

No Detections.

Client Sample ID: MW7I — Lab Sample ID: 500-127911-7

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Tetrahydrofuran	6.9	J	10	1.9	ug/L	1		8260B	Total/NA

Client Sample ID: MW8I — Lab Sample ID: 500-127911-8

No Detections.

Client Sample ID: MW9S — Lab Sample ID: 500-127911-9

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	26		2.0	0.67	ug/L	1		8260B	Total/NA
Dichlorofluoromethane	30		1.0	0.38	ug/L	1		8260B	Total/NA

Client Sample ID: MW9D — Lab Sample ID: 500-127911-10

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.1		2.0	0.67	ug/L	1		8260B	Total/NA
Trichlorofluoromethane	1.5		1.0	0.43	ug/L	1		8260B	Total/NA

Client Sample ID: MW9I — Lab Sample ID: 500-127911-11

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	24		2.0	0.67	ug/L	1		8260B	Total/NA
Dichlorofluoromethane	13		1.0	0.38	ug/L	1		8260B	Total/NA

Client Sample ID: MW9I DUP — Lab Sample ID: 500-127911-12

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Client Sample ID: MW9I DUP (Continued) — Lab Sample ID: 500-127911-12

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	26		2.0	0.67	ug/L	1		8260B	Total/NA
Dichlorofluoromethane	14		1.0	0.38	ug/L	1		8260B	Total/NA
Trichloroethene	0.39	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW10S — Lab Sample ID: 500-127911-13

No Detections.

Client Sample ID: MW10I — Lab Sample ID: 500-127911-14

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	12		2.0	0.67	ug/L	1		8260B	Total/NA
Dichlorofluoromethane	6.1		1.0	0.38	ug/L	1		8260B	Total/NA
Tetrachloroethene	1.8		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW13I — Lab Sample ID: 500-127911-15

No Detections.

Client Sample ID: MW14S — Lab Sample ID: 500-127911-16

No Detections.

Client Sample ID: MW14I — Lab Sample ID: 500-127911-17

Analyte	Result	Qualifier	RL	LOD	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	4.6		2.0	0.67	ug/L	1		8260B	Total/NA
Dichlorofluoromethane	12		1.0	0.38	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-127911-1	Trip Blank	Water	05/04/17 00:00	05/10/17 09:05
500-127911-2	Field Blank	Water	05/05/17 16:15	05/10/17 09:05
500-127911-3	MW3D	Water	05/04/17 13:30	05/10/17 09:05
500-127911-4	MW4D	Water	05/04/17 14:40	05/10/17 09:05
500-127911-5	MW5D	Water	05/04/17 14:00	05/10/17 09:05
500-127911-6	MW5D DUP	Water	05/04/17 14:00	05/10/17 09:05
500-127911-7	MW7I	Water	05/05/17 11:50	05/10/17 09:05
500-127911-8	MW8I	Water	05/05/17 13:35	05/10/17 09:05
500-127911-9	MW9S	Water	05/05/17 15:10	05/10/17 09:05
500-127911-10	MW9D	Water	05/05/17 15:40	05/10/17 09:05
500-127911-11	MW9I	Water	05/05/17 16:00	05/10/17 09:05
500-127911-12	MW9I DUP	Water	05/05/17 16:00	05/10/17 09:05
500-127911-13	MW10S	Water	05/05/17 13:15	05/10/17 09:05
500-127911-14	MW10I	Water	05/05/17 12:45	05/10/17 09:05
500-127911-15	MW13I	Water	05/05/17 12:15	05/10/17 09:05
500-127911-16	MW14S	Water	05/05/17 14:15	05/10/17 09:05
500-127911-17	MW14I	Water	05/05/17 14:30	05/10/17 09:05

Client Sample ID: Trip Blank
Date Collected: 05/04/17 00:00
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/17/17 23:14	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/17/17 23:14	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/17/17 23:14	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/17/17 23:14	1
Bromoform	<0.48		1.0	0.48	ug/L			05/17/17 23:14	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/17/17 23:14	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/17/17 23:14	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/17/17 23:14	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/17/17 23:14	1
Chloroform	<0.37		2.0	0.37	ug/L			05/17/17 23:14	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/17/17 23:14	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/17/17 23:14	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/17/17 23:14	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/17/17 23:14	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/17/17 23:14	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/17/17 23:14	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/17/17 23:14	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/17/17 23:14	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/17/17 23:14	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/17/17 23:14	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/17/17 23:14	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/17/17 23:14	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/17/17 23:14	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/17/17 23:14	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/17/17 23:14	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/17/17 23:14	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/17/17 23:14	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/17/17 23:14	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/17/17 23:14	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/17/17 23:14	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/17/17 23:14	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/17/17 23:14	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/17/17 23:14	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/17/17 23:14	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/17/17 23:14	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/17/17 23:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/17/17 23:14	1
Naphthalene	<0.34	*	1.0	0.34	ug/L			05/17/17 23:14	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/17/17 23:14	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/17/17 23:14	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/17/17 23:14	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/17/17 23:14	1
Styrene	<0.39		1.0	0.39	ug/L			05/17/17 23:14	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/17/17 23:14	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/17/17 23:14	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/17/17 23:14	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/17/17 23:14	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/17/17 23:14	1
Toluene	<0.15		0.50	0.15	ug/L			05/17/17 23:14	1

Client Sample ID: Trip Blank

Lab Sample ID: 500-127911-1

Date Collected: 05/04/17 00:00

Matrix: Water

Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/17/17 23:14	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/17/17 23:14	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/17/17 23:14	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/17/17 23:14	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/17/17 23:14	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/17/17 23:14	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/17/17 23:14	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/17/17 23:14	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/17/17 23:14	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/17/17 23:14	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/17/17 23:14	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/17/17 23:14	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/17/17 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*05/17/17 23:14*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*05/17/17 23:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*05/17/17 23:14*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*05/17/17 23:14*	*1*

Client Sample ID: Field Blank

Lab Sample ID: 500-127911-2

Date Collected: 05/05/17 16:15

Matrix: Water

Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/18/17 00:54	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/18/17 00:54	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/18/17 00:54	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/18/17 00:54	1
Bromoform	<0.48		1.0	0.48	ug/L			05/18/17 00:54	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/18/17 00:54	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/18/17 00:54	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/18/17 00:54	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/18/17 00:54	1
Chloroform	<0.37		2.0	0.37	ug/L			05/18/17 00:54	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/18/17 00:54	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/18/17 00:54	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/18/17 00:54	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/18/17 00:54	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/18/17 00:54	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/18/17 00:54	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/18/17 00:54	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/18/17 00:54	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/18/17 00:54	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/18/17 00:54	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/18/17 00:54	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/18/17 00:54	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/18/17 00:54	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/18/17 00:54	1

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Client Sample ID: Field Blank
Date Collected: 05/05/17 16:15
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/18/17 00:54	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/18/17 00:54	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/18/17 00:54	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/18/17 00:54	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/18/17 00:54	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/18/17 00:54	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/18/17 00:54	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/18/17 00:54	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/18/17 00:54	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/18/17 00:54	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/18/17 00:54	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/18/17 00:54	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/18/17 00:54	1
Naphthalene	<0.34	* F1	1.0	0.34	ug/L			05/18/17 00:54	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/18/17 00:54	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/18/17 00:54	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/18/17 00:54	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/17 00:54	1
Styrene	<0.39		1.0	0.39	ug/L			05/18/17 00:54	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/17 00:54	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/18/17 00:54	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/18/17 00:54	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/18/17 00:54	1
Tetrahydrofuran	<1.9	F1	10	1.9	ug/L			05/18/17 00:54	1
Toluene	<0.15		0.50	0.15	ug/L			05/18/17 00:54	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/18/17 00:54	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/18/17 00:54	1
1,2,3-Trichlorobenzene	<0.46	F1	1.0	0.46	ug/L			05/18/17 00:54	1
1,2,4-Trichlorobenzene	<0.34	F1	1.0	0.34	ug/L			05/18/17 00:54	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/18/17 00:54	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/18/17 00:54	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/18/17 00:54	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/18/17 00:54	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/18/17 00:54	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/18/17 00:54	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/18/17 00:54	1
Vinyl chloride	<0.20	F1	0.50	0.20	ug/L			05/18/17 00:54	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/18/17 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*		*05/18/17 00:54*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*05/18/17 00:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*05/18/17 00:54*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*05/18/17 00:54*	*1*

Client Sample ID: MW3D
Date Collected: 05/04/17 13:30
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/18/17 05:57	1
Tetrahydrofuran	**6.5**	**J**	10	1.9	ug/L			05/18/17 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*05/18/17 05:57*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*05/18/17 05:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*116*		*75 - 126*		*05/18/17 05:57*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*05/18/17 05:57*	*1*

Client Sample ID: MW4D
Date Collected: 05/04/17 14:40
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/18/17 06:24	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/18/17 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*72 - 124*		*05/18/17 06:24*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*05/18/17 06:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*75 - 126*		*05/18/17 06:24*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/18/17 06:24*	*1*

Client Sample ID: MW5D
Date Collected: 05/04/17 14:00
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/18/17 06:51	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/18/17 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*72 - 124*		*05/18/17 06:51*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*05/18/17 06:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*75 - 126*		*05/18/17 06:51*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*05/18/17 06:51*	*1*

Client Sample ID: MW5D DUP
Date Collected: 05/04/17 14:00
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-6
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/18/17 07:17	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/18/17 07:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*72 - 124*		*05/18/17 07:17*	*1*
Dibromofluoromethane	*97*		*75 - 120*		*05/18/17 07:17*	*1*

Client Sample ID: MW5D DUP

Lab Sample ID: 500-127911-6
Date Collected: 05/04/17 14:00
Matrix: Water
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*75 - 126*		*05/18/17 07:17*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/18/17 07:17*	*1*

Client Sample ID: MW7I

Lab Sample ID: 500-127911-7
Date Collected: 05/05/17 11:50
Matrix: Water
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/18/17 07:44	1
Tetrahydrofuran	**6.9**	**J**	10	1.9	ug/L			05/18/17 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*72 - 124*		*05/18/17 07:44*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*05/18/17 07:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*75 - 126*		*05/18/17 07:44*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/18/17 07:44*	*1*

Client Sample ID: MW8I

Lab Sample ID: 500-127911-8
Date Collected: 05/05/17 13:35
Matrix: Water
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/18/17 23:43	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/18/17 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*05/18/17 23:43*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*05/18/17 23:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*		*05/18/17 23:43*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*05/18/17 23:43*	*1*

Client Sample ID: MW9S

Lab Sample ID: 500-127911-9
Date Collected: 05/05/17 15:10
Matrix: Water
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/19/17 00:10	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/19/17 00:10	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/19/17 00:10	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/19/17 00:10	1
Bromoform	<0.48		1.0	0.48	ug/L			05/19/17 00:10	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/19/17 00:10	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/19/17 00:10	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/19/17 00:10	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/19/17 00:10	1
Chloroform	<0.37		2.0	0.37	ug/L			05/19/17 00:10	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/19/17 00:10	1

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Client Sample ID: MW9S
Date Collected: 05/05/17 15:10
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-9
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/19/17 00:10	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/19/17 00:10	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/19/17 00:10	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/19/17 00:10	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/19/17 00:10	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/19/17 00:10	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/19/17 00:10	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/19/17 00:10	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/19/17 00:10	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/19/17 00:10	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/19/17 00:10	1
Dichlorodifluoromethane	**26**		2.0	0.67	ug/L			05/19/17 00:10	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/19/17 00:10	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/19/17 00:10	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/19/17 00:10	1
Dichlorofluoromethane	**30**		1.0	0.38	ug/L			05/19/17 00:10	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/19/17 00:10	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/19/17 00:10	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/19/17 00:10	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/19/17 00:10	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/19/17 00:10	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/19/17 00:10	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 00:10	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/19/17 00:10	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/19/17 00:10	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/19/17 00:10	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/19/17 00:10	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 00:10	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/19/17 00:10	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/19/17 00:10	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 00:10	1
Styrene	<0.39		1.0	0.39	ug/L			05/19/17 00:10	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 00:10	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/19/17 00:10	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/19/17 00:10	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/19/17 00:10	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/17 00:10	1
Toluene	<0.15		0.50	0.15	ug/L			05/19/17 00:10	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/19/17 00:10	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/19/17 00:10	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/19/17 00:10	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/19/17 00:10	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/19/17 00:10	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/19/17 00:10	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/19/17 00:10	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/19/17 00:10	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/19/17 00:10	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/19/17 00:10	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/19/17 00:10	1

Client Sample ID: MW9S — **Lab Sample ID: 500-127911-9**
Date Collected: 05/05/17 15:10 — **Matrix: Water**
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/19/17 00:10	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/19/17 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*72 - 124*		*05/19/17 00:10*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*05/19/17 00:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*05/19/17 00:10*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*05/19/17 00:10*	*1*

Client Sample ID: MW9D — **Lab Sample ID: 500-127911-10**
Date Collected: 05/05/17 15:40 — **Matrix: Water**
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/19/17 00:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/19/17 00:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/19/17 00:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/19/17 00:36	1
Bromoform	<0.48		1.0	0.48	ug/L			05/19/17 00:36	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/19/17 00:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/19/17 00:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/19/17 00:36	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/19/17 00:36	1
Chloroform	<0.37		2.0	0.37	ug/L			05/19/17 00:36	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/19/17 00:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/19/17 00:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/19/17 00:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/19/17 00:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/19/17 00:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/19/17 00:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/19/17 00:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/19/17 00:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/19/17 00:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/19/17 00:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/19/17 00:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/19/17 00:36	1
Dichlorodifluoromethane	**3.1**		2.0	0.67	ug/L			05/19/17 00:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/19/17 00:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/19/17 00:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/19/17 00:36	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/19/17 00:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/19/17 00:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/19/17 00:36	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/19/17 00:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/19/17 00:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/19/17 00:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/19/17 00:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 00:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/19/17 00:36	1

Client Sample ID: MW9D — **Lab Sample ID: 500-127911-10**
Date Collected: 05/05/17 15:40 — **Matrix: Water**
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/19/17 00:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/19/17 00:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/19/17 00:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 00:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/19/17 00:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/19/17 00:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 00:36	1
Styrene	<0.39		1.0	0.39	ug/L			05/19/17 00:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 00:36	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/19/17 00:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/19/17 00:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/19/17 00:36	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/17 00:36	1
Toluene	<0.15		0.50	0.15	ug/L			05/19/17 00:36	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/19/17 00:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/19/17 00:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/19/17 00:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/19/17 00:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/19/17 00:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/19/17 00:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/19/17 00:36	1
Trichlorofluoromethane	**1.5**		1.0	0.43	ug/L			05/19/17 00:36	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/19/17 00:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/19/17 00:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/19/17 00:36	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/19/17 00:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/19/17 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*		*05/19/17 00:36*	*1*
Dibromofluoromethane	*93*		*75 - 120*		*05/19/17 00:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*		*05/19/17 00:36*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*05/19/17 00:36*	*1*

Client Sample ID: MW9I — **Lab Sample ID: 500-127911-11**
Date Collected: 05/05/17 16:00 — **Matrix: Water**
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/19/17 01:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/19/17 01:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/19/17 01:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/19/17 01:04	1
Bromoform	<0.48		1.0	0.48	ug/L			05/19/17 01:04	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/19/17 01:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/19/17 01:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/19/17 01:04	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/19/17 01:04	1
Chloroform	<0.37		2.0	0.37	ug/L			05/19/17 01:04	1

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Client Sample ID: MW9I
Date Collected: 05/05/17 16:00
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.32		1.0	0.32	ug/L			05/19/17 01:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/19/17 01:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/19/17 01:04	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/19/17 01:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/19/17 01:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/19/17 01:04	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/19/17 01:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/19/17 01:04	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/19/17 01:04	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/19/17 01:04	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/19/17 01:04	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/19/17 01:04	1
Dichlorodifluoromethane	**24**		2.0	0.67	ug/L			05/19/17 01:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/19/17 01:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/19/17 01:04	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/19/17 01:04	1
Dichlorofluoromethane	**13**		1.0	0.38	ug/L			05/19/17 01:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/19/17 01:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/19/17 01:04	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/19/17 01:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/19/17 01:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/19/17 01:04	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/19/17 01:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 01:04	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/19/17 01:04	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/19/17 01:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/19/17 01:04	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/19/17 01:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 01:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/19/17 01:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/19/17 01:04	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 01:04	1
Styrene	<0.39		1.0	0.39	ug/L			05/19/17 01:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 01:04	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/19/17 01:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/19/17 01:04	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/19/17 01:04	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/17 01:04	1
Toluene	<0.15		0.50	0.15	ug/L			05/19/17 01:04	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/19/17 01:04	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/19/17 01:04	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/19/17 01:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/19/17 01:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/19/17 01:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/19/17 01:04	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/19/17 01:04	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/19/17 01:04	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/19/17 01:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/19/17 01:04	1

Client Sample ID: MW9I

Date Collected: 05/05/17 16:00
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-11
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/19/17 01:04	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/19/17 01:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/19/17 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*72 - 124*		*05/19/17 01:04*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*05/19/17 01:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*05/19/17 01:04*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*05/19/17 01:04*	*1*

Client Sample ID: MW9I DUP

Date Collected: 05/05/17 16:00
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-12
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/19/17 01:31	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/19/17 01:31	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/19/17 01:31	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/19/17 01:31	1
Bromoform	<0.48		1.0	0.48	ug/L			05/19/17 01:31	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/19/17 01:31	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/19/17 01:31	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/19/17 01:31	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/19/17 01:31	1
Chloroform	<0.37		2.0	0.37	ug/L			05/19/17 01:31	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/19/17 01:31	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/19/17 01:31	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/19/17 01:31	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/19/17 01:31	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/19/17 01:31	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/19/17 01:31	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/19/17 01:31	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/19/17 01:31	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/19/17 01:31	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/19/17 01:31	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/19/17 01:31	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/19/17 01:31	1
Dichlorodifluoromethane	**26**		2.0	0.67	ug/L			05/19/17 01:31	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/19/17 01:31	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/19/17 01:31	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/19/17 01:31	1
Dichlorofluoromethane	**14**		1.0	0.38	ug/L			05/19/17 01:31	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/19/17 01:31	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/19/17 01:31	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/19/17 01:31	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/19/17 01:31	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/19/17 01:31	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/19/17 01:31	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 01:31	1

Client Sample ID: MW9I DUP

Lab Sample ID: 500-127911-12

Date Collected: 05/05/17 16:00

Matrix: Water

Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/19/17 01:31	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/19/17 01:31	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/19/17 01:31	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/19/17 01:31	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 01:31	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/19/17 01:31	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/19/17 01:31	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 01:31	1
Styrene	<0.39		1.0	0.39	ug/L			05/19/17 01:31	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 01:31	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/19/17 01:31	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/19/17 01:31	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/19/17 01:31	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/17 01:31	1
Toluene	<0.15		0.50	0.15	ug/L			05/19/17 01:31	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/19/17 01:31	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/19/17 01:31	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/19/17 01:31	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/19/17 01:31	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/19/17 01:31	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/19/17 01:31	1
Trichloroethene	**0.39**	**J**	0.50	0.16	ug/L			05/19/17 01:31	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/19/17 01:31	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/19/17 01:31	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/19/17 01:31	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/19/17 01:31	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/19/17 01:31	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/19/17 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*72 - 124*		*05/19/17 01:31*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*05/19/17 01:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*75 - 126*		*05/19/17 01:31*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*05/19/17 01:31*	*1*

Client Sample ID: MW10S

Lab Sample ID: 500-127911-13

Date Collected: 05/05/17 13:15

Matrix: Water

Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/19/17 01:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/19/17 01:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/19/17 01:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/19/17 01:58	1
Bromoform	<0.48		1.0	0.48	ug/L			05/19/17 01:58	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/19/17 01:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/19/17 01:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/19/17 01:58	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/19/17 01:58	1

Client Sample ID: MW10S
Date Collected: 05/05/17 13:15
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-13
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.37		2.0	0.37	ug/L			05/19/17 01:58	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/19/17 01:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/19/17 01:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/19/17 01:58	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/19/17 01:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/19/17 01:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/19/17 01:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/19/17 01:58	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/19/17 01:58	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/19/17 01:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/19/17 01:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/19/17 01:58	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/19/17 01:58	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/19/17 01:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/19/17 01:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/19/17 01:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/19/17 01:58	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/19/17 01:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/19/17 01:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/19/17 01:58	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/19/17 01:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/19/17 01:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/19/17 01:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/19/17 01:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 01:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/19/17 01:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/19/17 01:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/19/17 01:58	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/19/17 01:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 01:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/19/17 01:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/19/17 01:58	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 01:58	1
Styrene	<0.39		1.0	0.39	ug/L			05/19/17 01:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 01:58	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/19/17 01:58	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/19/17 01:58	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/19/17 01:58	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/17 01:58	1
Toluene	<0.15		0.50	0.15	ug/L			05/19/17 01:58	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/19/17 01:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/19/17 01:58	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/19/17 01:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/19/17 01:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/19/17 01:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/19/17 01:58	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/19/17 01:58	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/19/17 01:58	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/19/17 01:58	1

Client Sample ID: MW10S

Lab Sample ID: 500-127911-13

Date Collected: 05/05/17 13:15

Matrix: Water

Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/19/17 01:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/19/17 01:58	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/19/17 01:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/19/17 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*		*05/19/17 01:58*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*05/19/17 01:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*		*05/19/17 01:58*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*05/19/17 01:58*	*1*

Client Sample ID: MW10I

Lab Sample ID: 500-127911-14

Date Collected: 05/05/17 12:45

Matrix: Water

Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/19/17 02:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/19/17 02:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/19/17 02:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/19/17 02:25	1
Bromoform	<0.48		1.0	0.48	ug/L			05/19/17 02:25	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/19/17 02:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/19/17 02:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/19/17 02:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/19/17 02:25	1
Chloroform	<0.37		2.0	0.37	ug/L			05/19/17 02:25	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/19/17 02:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/19/17 02:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/19/17 02:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/19/17 02:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/19/17 02:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/19/17 02:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/19/17 02:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/19/17 02:25	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/19/17 02:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/19/17 02:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/19/17 02:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/19/17 02:25	1
Dichlorodifluoromethane	**12**		2.0	0.67	ug/L			05/19/17 02:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/19/17 02:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/19/17 02:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/19/17 02:25	1
Dichlorofluoromethane	**6.1**		1.0	0.38	ug/L			05/19/17 02:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/19/17 02:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/19/17 02:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/19/17 02:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/19/17 02:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/19/17 02:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/19/17 02:25	1

Client Sample ID: MW10I — **Lab Sample ID: 500-127911-14**
Date Collected: 05/05/17 12:45 — **Matrix: Water**
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 02:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/19/17 02:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/19/17 02:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/19/17 02:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/19/17 02:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 02:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/19/17 02:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/19/17 02:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 02:25	1
Styrene	<0.39		1.0	0.39	ug/L			05/19/17 02:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 02:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/19/17 02:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/19/17 02:25	1
Tetrachloroethene	**1.8**		1.0	0.37	ug/L			05/19/17 02:25	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/17 02:25	1
Toluene	<0.15		0.50	0.15	ug/L			05/19/17 02:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/19/17 02:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/19/17 02:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/19/17 02:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/19/17 02:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/19/17 02:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/19/17 02:25	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/19/17 02:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/19/17 02:25	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/19/17 02:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/19/17 02:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/19/17 02:25	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/19/17 02:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/19/17 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*72 - 124*		*05/19/17 02:25*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*05/19/17 02:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*		*05/19/17 02:25*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*05/19/17 02:25*	*1*

Client Sample ID: MW13I — **Lab Sample ID: 500-127911-15**
Date Collected: 05/05/17 12:15 — **Matrix: Water**
Date Received: 05/10/17 09:05

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/19/17 02:52	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/17 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*72 - 124*		*05/19/17 02:52*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*05/19/17 02:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*75 - 126*		*05/19/17 02:52*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*05/19/17 02:52*	*1*

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Client Sample ID: MW14S
Date Collected: 05/05/17 14:15
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/19/17 03:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/19/17 03:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/19/17 03:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/19/17 03:18	1
Bromoform	<0.48		1.0	0.48	ug/L			05/19/17 03:18	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/19/17 03:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/19/17 03:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/19/17 03:18	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/19/17 03:18	1
Chloroform	<0.37		2.0	0.37	ug/L			05/19/17 03:18	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/19/17 03:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/19/17 03:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/19/17 03:18	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/19/17 03:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/19/17 03:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/19/17 03:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/19/17 03:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/19/17 03:18	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/19/17 03:18	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/19/17 03:18	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/19/17 03:18	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/19/17 03:18	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/19/17 03:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/19/17 03:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/19/17 03:18	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/19/17 03:18	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/19/17 03:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/19/17 03:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/19/17 03:18	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/19/17 03:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/19/17 03:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/19/17 03:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/19/17 03:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 03:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/19/17 03:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/19/17 03:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/19/17 03:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/19/17 03:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 03:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/19/17 03:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/19/17 03:18	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 03:18	1
Styrene	<0.39		1.0	0.39	ug/L			05/19/17 03:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 03:18	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/19/17 03:18	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/19/17 03:18	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/19/17 03:18	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/17 03:18	1
Toluene	<0.15		0.50	0.15	ug/L			05/19/17 03:18	1

Client Sample ID: MW14S
Date Collected: 05/05/17 14:15
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-16
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/19/17 03:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/19/17 03:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/19/17 03:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/19/17 03:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/19/17 03:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/19/17 03:18	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/19/17 03:18	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/19/17 03:18	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/19/17 03:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/19/17 03:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/19/17 03:18	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/19/17 03:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/19/17 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*72 - 124*		*05/19/17 03:18*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*05/19/17 03:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*75 - 126*		*05/19/17 03:18*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*05/19/17 03:18*	*1*

Client Sample ID: MW14I
Date Collected: 05/05/17 14:30
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/19/17 03:46	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/19/17 03:46	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/19/17 03:46	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/19/17 03:46	1
Bromoform	<0.48		1.0	0.48	ug/L			05/19/17 03:46	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/19/17 03:46	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/19/17 03:46	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/19/17 03:46	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/19/17 03:46	1
Chloroform	<0.37		2.0	0.37	ug/L			05/19/17 03:46	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/19/17 03:46	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/19/17 03:46	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/19/17 03:46	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/19/17 03:46	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/19/17 03:46	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/19/17 03:46	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/19/17 03:46	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/19/17 03:46	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/19/17 03:46	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/19/17 03:46	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/19/17 03:46	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/19/17 03:46	1
Dichlorodifluoromethane	**4.6**		2.0	0.67	ug/L			05/19/17 03:46	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/19/17 03:46	1

Client Sample ID: MW14I
Date Collected: 05/05/17 14:30
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-17
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/19/17 03:46	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/19/17 03:46	1
Dichlorofluoromethane	**12**		1.0	0.38	ug/L			05/19/17 03:46	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/19/17 03:46	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/19/17 03:46	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/19/17 03:46	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/19/17 03:46	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/19/17 03:46	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/19/17 03:46	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 03:46	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/19/17 03:46	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/19/17 03:46	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/19/17 03:46	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/19/17 03:46	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/19/17 03:46	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/19/17 03:46	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/19/17 03:46	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 03:46	1
Styrene	<0.39		1.0	0.39	ug/L			05/19/17 03:46	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/19/17 03:46	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/19/17 03:46	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/19/17 03:46	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/19/17 03:46	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/19/17 03:46	1
Toluene	<0.15		0.50	0.15	ug/L			05/19/17 03:46	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/19/17 03:46	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/19/17 03:46	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/19/17 03:46	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/19/17 03:46	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/19/17 03:46	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/19/17 03:46	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/19/17 03:46	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/19/17 03:46	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/19/17 03:46	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/19/17 03:46	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/19/17 03:46	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/19/17 03:46	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/19/17 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*72 - 124*		*05/19/17 03:46*	*1*
Dibromofluoromethane	*94*		*75 - 120*		*05/19/17 03:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*		*05/19/17 03:46*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*05/19/17 03:46*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Reported value was between the limit of detection and the limit of quantitation.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

GC/MS VOA

Analysis Batch: 385529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127911-1	Trip Blank	Total/NA	Water	8260B	
500-127911-2	Field Blank	Total/NA	Water	8260B	
MB 500-385529/6	Method Blank	Total/NA	Water	8260B	
LCS 500-385529/29	Lab Control Sample	Total/NA	Water	8260B	
500-127911-2 MS	Field Blank	Total/NA	Water	8260B	
500-127911-2 MSD	Field Blank	Total/NA	Water	8260B	

Analysis Batch: 385531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127911-3	MW3D	Total/NA	Water	8260B	
500-127911-4	MW4D	Total/NA	Water	8260B	
500-127911-5	MW5D	Total/NA	Water	8260B	
500-127911-6	MW5D DUP	Total/NA	Water	8260B	
500-127911-7	MW7I	Total/NA	Water	8260B	
MB 500-385531/7	Method Blank	Total/NA	Water	8260B	
LCS 500-385531/4	Lab Control Sample	Total/NA	Water	8260B	

Analysis Batch: 385770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-127911-8	MW8I	Total/NA	Water	8260B	
500-127911-9	MW9S	Total/NA	Water	8260B	
500-127911-10	MW9D	Total/NA	Water	8260B	
500-127911-11	MW9I	Total/NA	Water	8260B	
500-127911-12	MW9I DUP	Total/NA	Water	8260B	
500-127911-13	MW10S	Total/NA	Water	8260B	
500-127911-14	MW10I	Total/NA	Water	8260B	
500-127911-15	MW13I	Total/NA	Water	8260B	
500-127911-16	MW14S	Total/NA	Water	8260B	
500-127911-17	MW14I	Total/NA	Water	8260B	
MB 500-385770/6	Method Blank	Total/NA	Water	8260B	
LCS 500-385770/4	Lab Control Sample	Total/NA	Water	8260B	
500-127911-8 MS	MW8I	Total/NA	Water	8260B	
500-127911-8 MSD	MW8I	Total/NA	Water	8260B	

Surrogate Summary

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	12DCE	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-127911-1	Trip Blank	94	94	105	90
500-127911-2	Field Blank	92	94	106	90
500-127911-2 MS	Field Blank	86	98	105	91
500-127911-2 MSD	Field Blank	88	96	106	92
500-127911-3	MW3D	113	98	116	99
500-127911-4	MW4D	115	97	118	100
500-127911-5	MW5D	116	100	119	101
500-127911-6	MW5D DUP	117	97	119	100
500-127911-7	MW7I	116	96	117	100
500-127911-8	MW8I	113	93	114	102
500-127911-8 MS	MW8I	114	94	110	101
500-127911-8 MSD	MW8I	117	97	111	101
500-127911-9	MW9S	117	93	112	103
500-127911-10	MW9D	112	93	113	102
500-127911-11	MW9I	117	91	110	103
500-127911-12	MW9I DUP	117	95	115	103
500-127911-13	MW10S	114	90	112	103
500-127911-14	MW10I	116	92	114	103
500-127911-15	MW13I	117	95	118	102
500-127911-16	MW14S	113	95	113	101
500-127911-17	MW14I	117	94	114	103
LCS 500-385529/29	Lab Control Sample	86	96	101	93
LCS 500-385531/4	Lab Control Sample	112	100	119	98
LCS 500-385770/4	Lab Control Sample	115	99	114	101
MB 500-385529/6	Method Blank	96	95	107	90
MB 500-385531/7	Method Blank	117	100	120	100
MB 500-385770/6	Method Blank	118	96	117	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-385529/6
Matrix: Water
Analysis Batch: 385529

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/17/17 22:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/17/17 22:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/17/17 22:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/17/17 22:25	1
Bromoform	<0.48		1.0	0.48	ug/L			05/17/17 22:25	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/17/17 22:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/17/17 22:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/17/17 22:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/17/17 22:25	1
Chloroform	<0.37		2.0	0.37	ug/L			05/17/17 22:25	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/17/17 22:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/17/17 22:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/17/17 22:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/17/17 22:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/17/17 22:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/17/17 22:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/17/17 22:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/17/17 22:25	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/17/17 22:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/17/17 22:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/17/17 22:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/17/17 22:25	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/17/17 22:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/17/17 22:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/17/17 22:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/17/17 22:25	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/17/17 22:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/17/17 22:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/17/17 22:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/17/17 22:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/17/17 22:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/17/17 22:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/17/17 22:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/17/17 22:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/17/17 22:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/17/17 22:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/17/17 22:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/17/17 22:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/17/17 22:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/17/17 22:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/17/17 22:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/17/17 22:25	1
Styrene	<0.39		1.0	0.39	ug/L			05/17/17 22:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/17/17 22:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/17/17 22:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/17/17 22:25	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/17/17 22:25	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/17/17 22:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-385529/6
Matrix: Water
Analysis Batch: 385529

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.15		0.50	0.15	ug/L			05/17/17 22:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/17/17 22:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/17/17 22:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/17/17 22:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/17/17 22:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/17/17 22:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/17/17 22:25	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/17/17 22:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/17/17 22:25	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/17/17 22:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/17/17 22:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/17/17 22:25	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/17/17 22:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/17/17 22:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*05/17/17 22:25*	*1*
Dibromofluoromethane	*95*		*75 - 120*		*05/17/17 22:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*75 - 126*		*05/17/17 22:25*	*1*
Toluene-d8 (Surr)	*90*		*75 - 120*		*05/17/17 22:25*	*1*

Lab Sample ID: LCS 500-385529/29
Matrix: Water
Analysis Batch: 385529

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	45.0		ug/L		90	70 - 120
Bromobenzene	50.0	41.8		ug/L		84	70 - 122
Bromochloromethane	50.0	49.2		ug/L		98	65 - 122
Bromodichloromethane	50.0	41.8		ug/L		84	69 - 120
Bromoform	50.0	43.1		ug/L		86	56 - 132
Bromomethane	50.0	50.9		ug/L		102	40 - 130
Carbon tetrachloride	50.0	43.3		ug/L		87	65 - 122
Chlorobenzene	50.0	44.3		ug/L		89	70 - 120
Chloroethane	50.0	50.9		ug/L		102	45 - 127
Chloroform	50.0	43.2		ug/L		86	70 - 120
Chloromethane	50.0	59.0		ug/L		118	54 - 147
2-Chlorotoluene	50.0	39.1		ug/L		78	70 - 125
4-Chlorotoluene	50.0	40.1		ug/L		80	68 - 124
cis-1,2-Dichloroethene	50.0	43.8		ug/L		88	70 - 125
cis-1,3-Dichloropropene	50.0	42.1		ug/L		84	64 - 127
Dibromochloromethane	50.0	43.4		ug/L		87	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	42.3		ug/L		85	56 - 123
1,2-Dibromoethane	50.0	45.8		ug/L		92	70 - 125
Dibromomethane	50.0	46.1		ug/L		92	70 - 120
1,2-Dichlorobenzene	50.0	46.6		ug/L		93	70 - 125
1,3-Dichlorobenzene	50.0	44.4		ug/L		89	70 - 125
1,4-Dichlorobenzene	50.0	44.6		ug/L		89	70 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-385529/29
Matrix: Water
Analysis Batch: 385529

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	44.4		ug/L		89	40 - 150
1,1-Dichloroethane	50.0	51.5		ug/L		103	70 - 125
1,2-Dichloroethane	50.0	50.0		ug/L		100	68 - 127
1,1-Dichloroethene	50.0	42.9		ug/L		86	67 - 122
Dichlorofluoromethane	50.0	51.7		ug/L		103	69 - 124
1,2-Dichloropropane	50.0	53.8		ug/L		108	67 - 130
1,3-Dichloropropane	50.0	45.3		ug/L		91	62 - 136
2,2-Dichloropropane	50.0	37.9		ug/L		76	58 - 129
1,1-Dichloropropene	50.0	45.1		ug/L		90	70 - 121
Ethylbenzene	50.0	45.8		ug/L		92	70 - 120
Hexachlorobutadiene	50.0	58.7		ug/L		117	51 - 150
Isopropylbenzene	50.0	42.2		ug/L		84	70 - 126
Methylene Chloride	50.0	44.7		ug/L		89	69 - 125
Methyl tert-butyl ether	50.0	44.9		ug/L		90	70 - 120
Naphthalene	50.0	65.7	*	ug/L		131	59 - 130
n-Butylbenzene	50.0	43.5		ug/L		87	68 - 125
N-Propylbenzene	50.0	40.3		ug/L		81	69 - 127
p-Isopropyltoluene	50.0	45.1		ug/L		90	70 - 125
sec-Butylbenzene	50.0	44.4		ug/L		89	70 - 123
Styrene	50.0	47.2		ug/L		94	70 - 120
tert-Butylbenzene	50.0	43.5		ug/L		87	70 - 121
1,1,1,2-Tetrachloroethane	50.0	45.8		ug/L		92	70 - 125
1,1,2,2-Tetrachloroethane	50.0	42.9		ug/L		86	67 - 127
Tetrachloroethene	50.0	48.6		ug/L		97	70 - 128
Tetrahydrofuran	100	120		ug/L		120	59 - 139
Toluene	50.0	44.2		ug/L		88	70 - 125
trans-1,2-Dichloroethene	50.0	43.4		ug/L		87	70 - 125
trans-1,3-Dichloropropene	50.0	41.0		ug/L		82	62 - 128
1,2,3-Trichlorobenzene	50.0	66.3		ug/L		133	55 - 140
1,2,4-Trichlorobenzene	50.0	61.3		ug/L		123	66 - 127
1,1,1-Trichloroethane	50.0	40.2		ug/L		80	70 - 125
1,1,2-Trichloroethane	50.0	45.1		ug/L		90	70 - 122
Trichloroethene	50.0	49.1		ug/L		98	70 - 125
Trichlorofluoromethane	50.0	46.6		ug/L		93	70 - 126
1,2,3-Trichloropropane	50.0	40.1		ug/L		80	50 - 133
1,2,4-Trimethylbenzene	50.0	43.7		ug/L		87	70 - 123
1,3,5-Trimethylbenzene	50.0	43.6		ug/L		87	70 - 123
Vinyl chloride	50.0	62.7		ug/L		125	64 - 126
Xylenes, Total	100	86.9		ug/L		87	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*
Toluene-d8 (Surr)	*93*		*75 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-127911-2 MS
Matrix: Water
Analysis Batch: 385529

Client Sample ID: Field Blank
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.15		50.0	49.4		ug/L		99	70 - 120
Bromobenzene	<0.36		50.0	46.2		ug/L		92	70 - 122
Bromochloromethane	<0.43		50.0	54.7		ug/L		109	65 - 122
Bromodichloromethane	<0.37		50.0	46.0		ug/L		92	69 - 120
Bromoform	<0.48		50.0	45.5		ug/L		91	56 - 132
Bromomethane	<0.80		50.0	58.0		ug/L		116	40 - 130
Carbon tetrachloride	<0.38		50.0	47.3		ug/L		95	65 - 122
Chlorobenzene	<0.39		50.0	47.7		ug/L		95	70 - 120
Chloroethane	<0.51		50.0	47.8		ug/L		96	45 - 127
Chloroform	<0.37		50.0	47.9		ug/L		96	70 - 120
Chloromethane	<0.32		50.0	66.7		ug/L		133	54 - 147
2-Chlorotoluene	<0.31		50.0	42.7		ug/L		85	70 - 125
4-Chlorotoluene	<0.35		50.0	42.8		ug/L		86	68 - 124
cis-1,2-Dichloroethene	<0.41		50.0	48.1		ug/L		96	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	45.8		ug/L		92	64 - 127
Dibromochloromethane	<0.49		50.0	46.9		ug/L		94	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	42.2		ug/L		84	56 - 123
1,2-Dibromoethane	<0.39		50.0	50.2		ug/L		100	70 - 125
Dibromomethane	<0.27		50.0	50.3		ug/L		101	70 - 120
1,2-Dichlorobenzene	<0.33		50.0	50.3		ug/L		101	70 - 125
1,3-Dichlorobenzene	<0.40		50.0	47.9		ug/L		96	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	47.2		ug/L		94	70 - 120
Dichlorodifluoromethane	<0.67		50.0	50.6		ug/L		101	40 - 150
1,1-Dichloroethane	<0.41		50.0	56.4		ug/L		113	70 - 125
1,2-Dichloroethane	<0.39		50.0	56.1		ug/L		112	68 - 127
1,1-Dichloroethene	<0.39		50.0	47.2		ug/L		94	67 - 122
Dichlorofluoromethane	<0.38		50.0	56.9		ug/L		114	69 - 124
1,2-Dichloropropane	<0.43		50.0	59.6		ug/L		119	67 - 130
1,3-Dichloropropane	<0.36		50.0	48.3		ug/L		97	62 - 136
2,2-Dichloropropane	<0.44		50.0	40.5		ug/L		81	58 - 129
1,1-Dichloropropene	<0.30		50.0	48.5		ug/L		97	70 - 121
Ethylbenzene	<0.18		50.0	49.1		ug/L		98	70 - 120
Hexachlorobutadiene	<0.45		50.0	61.9		ug/L		124	51 - 150
Isopropylbenzene	<0.39		50.0	45.6		ug/L		91	70 - 126
Methylene Chloride	<1.6		50.0	49.6		ug/L		99	69 - 125
Methyl tert-butyl ether	<0.39		50.0	50.5		ug/L		101	70 - 120
Naphthalene	<0.34	* F1	50.0	72.6	F1	ug/L		145	59 - 130
n-Butylbenzene	<0.39		50.0	45.8		ug/L		92	68 - 125
N-Propylbenzene	<0.41		50.0	43.6		ug/L		87	69 - 127
p-Isopropyltoluene	<0.36		50.0	48.4		ug/L		97	70 - 125
sec-Butylbenzene	<0.40		50.0	47.5		ug/L		95	70 - 123
Styrene	<0.39		50.0	50.7		ug/L		101	70 - 120
tert-Butylbenzene	<0.40		50.0	48.0		ug/L		96	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	49.6		ug/L		99	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	46.2		ug/L		92	67 - 127
Tetrachloroethene	<0.37		50.0	52.5		ug/L		105	70 - 128
Tetrahydrofuran	<1.9	F1	100	135		ug/L		135	59 - 139
Toluene	<0.15		50.0	47.7		ug/L		95	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-127911-2 MS
Matrix: Water
Analysis Batch: 385529

Client Sample ID: Field Blank
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	<0.35		50.0	47.1		ug/L		94	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	43.8		ug/L		88	62 - 128
1,2,3-Trichlorobenzene	<0.46	F1	50.0	73.1	F1	ug/L		146	55 - 140
1,2,4-Trichlorobenzene	<0.34	F1	50.0	64.2	F1	ug/L		128	66 - 127
1,1,1-Trichloroethane	<0.38		50.0	44.8		ug/L		90	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	50.0		ug/L		100	70 - 122
Trichloroethene	<0.16		50.0	52.9		ug/L		106	70 - 125
Trichlorofluoromethane	<0.43		50.0	47.1		ug/L		94	70 - 126
1,2,3-Trichloropropane	<0.41		50.0	43.6		ug/L		87	50 - 133
1,2,4-Trimethylbenzene	<0.36		50.0	47.2		ug/L		94	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	47.1		ug/L		94	70 - 123
Vinyl chloride	<0.20	F1	50.0	69.8	F1	ug/L		140	64 - 126
Xylenes, Total	<0.22		100	93.7		ug/L		94	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*
Dibromofluoromethane	*98*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*
Toluene-d8 (Surr)	*91*		*75 - 120*

Lab Sample ID: 500-127911-2 MSD
Matrix: Water
Analysis Batch: 385529

Client Sample ID: Field Blank
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.15		50.0	50.2		ug/L		100	70 - 120	2	20
Bromobenzene	<0.36		50.0	48.9		ug/L		98	70 - 122	6	20
Bromochloromethane	<0.43		50.0	55.6		ug/L		111	65 - 122	2	20
Bromodichloromethane	<0.37		50.0	46.1		ug/L		92	69 - 120	0	20
Bromoform	<0.48		50.0	45.6		ug/L		91	56 - 132	0	20
Bromomethane	<0.80		50.0	52.7		ug/L		105	40 - 130	10	20
Carbon tetrachloride	<0.38		50.0	48.2		ug/L		96	65 - 122	2	20
Chlorobenzene	<0.39		50.0	48.7		ug/L		97	70 - 120	2	20
Chloroethane	<0.51		50.0	38.7	F2	ug/L		77	45 - 127	21	20
Chloroform	<0.37		50.0	49.2		ug/L		98	70 - 120	3	20
Chloromethane	<0.32		50.0	63.3		ug/L		127	54 - 147	5	20
2-Chlorotoluene	<0.31		50.0	44.5		ug/L		89	70 - 125	4	20
4-Chlorotoluene	<0.35		50.0	44.6		ug/L		89	68 - 124	4	20
cis-1,2-Dichloroethene	<0.41		50.0	48.5		ug/L		97	70 - 125	1	20
cis-1,3-Dichloropropene	<0.42		50.0	45.9		ug/L		92	64 - 127	0	20
Dibromochloromethane	<0.49		50.0	47.5		ug/L		95	68 - 125	1	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	45.8		ug/L		92	56 - 123	8	20
1,2-Dibromoethane	<0.39		50.0	51.7		ug/L		103	70 - 125	3	20
Dibromomethane	<0.27		50.0	51.3		ug/L		103	70 - 120	2	20
1,2-Dichlorobenzene	<0.33		50.0	51.5		ug/L		103	70 - 125	2	20
1,3-Dichlorobenzene	<0.40		50.0	49.4		ug/L		99	70 - 125	3	20
1,4-Dichlorobenzene	<0.36		50.0	48.8		ug/L		98	70 - 120	3	20
Dichlorodifluoromethane	<0.67		50.0	46.0		ug/L		92	40 - 150	10	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-127911-2 MSD
Matrix: Water
Analysis Batch: 385529

Client Sample ID: Field Blank
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	<0.41		50.0	56.4		ug/L		113	70 - 125	0	20
1,2-Dichloroethane	<0.39		50.0	57.7		ug/L		115	68 - 127	3	20
1,1-Dichloroethene	<0.39		50.0	46.1		ug/L		92	67 - 122	2	20
Dichlorofluoromethane	<0.38		50.0	52.4		ug/L		105	69 - 124	8	20
1,2-Dichloropropane	<0.43		50.0	60.6		ug/L		121	67 - 130	2	20
1,3-Dichloropropane	<0.36		50.0	50.1		ug/L		100	62 - 136	4	20
2,2-Dichloropropane	<0.44		50.0	40.6		ug/L		81	58 - 129	0	20
1,1-Dichloropropene	<0.30		50.0	49.1		ug/L		98	70 - 121	1	20
Ethylbenzene	<0.18		50.0	50.0		ug/L		100	70 - 120	2	20
Hexachlorobutadiene	<0.45		50.0	62.0		ug/L		124	51 - 150	0	20
Isopropylbenzene	<0.39		50.0	46.5		ug/L		93	70 - 126	2	20
Methylene Chloride	<1.6		50.0	51.3		ug/L		103	69 - 125	3	20
Methyl tert-butyl ether	<0.39		50.0	51.9		ug/L		104	70 - 120	3	20
Naphthalene	<0.34	* F1	50.0	75.7	F1	ug/L		151	59 - 130	4	20
n-Butylbenzene	<0.39		50.0	46.7		ug/L		93	68 - 125	2	20
N-Propylbenzene	<0.41		50.0	44.0		ug/L		88	69 - 127	1	20
p-Isopropyltoluene	<0.36		50.0	49.8		ug/L		100	70 - 125	3	20
sec-Butylbenzene	<0.40		50.0	48.8		ug/L		98	70 - 123	3	20
Styrene	<0.39		50.0	51.7		ug/L		103	70 - 120	2	20
tert-Butylbenzene	<0.40		50.0	49.0		ug/L		98	70 - 121	2	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	49.8		ug/L		100	70 - 125	0	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	49.0		ug/L		98	67 - 127	6	20
Tetrachloroethene	<0.37		50.0	51.8		ug/L		104	70 - 128	1	20
Tetrahydrofuran	<1.9	F1	100	143	F1	ug/L		143	59 - 139	6	20
Toluene	<0.15		50.0	48.7		ug/L		97	70 - 125	2	20
trans-1,2-Dichloroethene	<0.35		50.0	48.0		ug/L		96	70 - 125	2	20
trans-1,3-Dichloropropene	<0.36		50.0	44.9		ug/L		90	62 - 128	3	20
1,2,3-Trichlorobenzene	<0.46	F1	50.0	75.0	F1	ug/L		150	55 - 140	3	20
1,2,4-Trichlorobenzene	<0.34	F1	50.0	65.3	F1	ug/L		131	66 - 127	2	20
1,1,1-Trichloroethane	<0.38		50.0	45.4		ug/L		91	70 - 125	1	20
1,1,2-Trichloroethane	<0.35		50.0	50.1		ug/L		100	70 - 122	0	20
Trichloroethene	<0.16		50.0	53.6		ug/L		107	70 - 125	1	20
Trichlorofluoromethane	<0.43		50.0	46.8		ug/L		94	70 - 126	1	20
1,2,3-Trichloropropane	<0.41		50.0	46.3		ug/L		93	50 - 133	6	20
1,2,4-Trimethylbenzene	<0.36		50.0	48.6		ug/L		97	70 - 123	3	20
1,3,5-Trimethylbenzene	<0.25		50.0	48.2		ug/L		96	70 - 123	2	20
Vinyl chloride	<0.20	F1	50.0	66.0	F1	ug/L		132	64 - 126	6	20
Xylenes, Total	<0.22		100	95.0		ug/L		95	70 - 125	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*
Dibromofluoromethane	*96*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*
Toluene-d8 (Surr)	*92*		*75 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-385531/7
Matrix: Water
Analysis Batch: 385531

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/17/17 22:48	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/17/17 22:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*72 - 124*		*05/17/17 22:48*	*1*
Dibromofluoromethane	*100*		*75 - 120*		*05/17/17 22:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*75 - 126*		*05/17/17 22:48*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*05/17/17 22:48*	*1*

Lab Sample ID: LCS 500-385531/4
Matrix: Water
Analysis Batch: 385531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	50.0	48.8		ug/L		98	40 - 150
Tetrahydrofuran	100	86.3		ug/L		86	59 - 139

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*72 - 124*
Dibromofluoromethane	*100*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*119*		*75 - 126*
Toluene-d8 (Surr)	*98*		*75 - 120*

Lab Sample ID: MB 500-385770/6
Matrix: Water
Analysis Batch: 385770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			05/18/17 23:16	1
Bromobenzene	<0.36		1.0	0.36	ug/L			05/18/17 23:16	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			05/18/17 23:16	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			05/18/17 23:16	1
Bromoform	<0.48		1.0	0.48	ug/L			05/18/17 23:16	1
Bromomethane	<0.80		2.0	0.80	ug/L			05/18/17 23:16	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			05/18/17 23:16	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			05/18/17 23:16	1
Chloroethane	<0.51		1.0	0.51	ug/L			05/18/17 23:16	1
Chloroform	<0.37		2.0	0.37	ug/L			05/18/17 23:16	1
Chloromethane	<0.32		1.0	0.32	ug/L			05/18/17 23:16	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			05/18/17 23:16	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			05/18/17 23:16	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			05/18/17 23:16	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			05/18/17 23:16	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			05/18/17 23:16	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			05/18/17 23:16	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			05/18/17 23:16	1
Dibromomethane	<0.27		1.0	0.27	ug/L			05/18/17 23:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-385770/6
Matrix: Water
Analysis Batch: 385770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			05/18/17 23:16	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			05/18/17 23:16	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			05/18/17 23:16	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			05/18/17 23:16	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			05/18/17 23:16	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			05/18/17 23:16	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			05/18/17 23:16	1
Dichlorofluoromethane	<0.38		1.0	0.38	ug/L			05/18/17 23:16	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			05/18/17 23:16	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			05/18/17 23:16	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			05/18/17 23:16	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			05/18/17 23:16	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			05/18/17 23:16	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			05/18/17 23:16	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			05/18/17 23:16	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			05/18/17 23:16	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			05/18/17 23:16	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			05/18/17 23:16	1
Naphthalene	<0.34		1.0	0.34	ug/L			05/18/17 23:16	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			05/18/17 23:16	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			05/18/17 23:16	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			05/18/17 23:16	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/17 23:16	1
Styrene	<0.39		1.0	0.39	ug/L			05/18/17 23:16	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			05/18/17 23:16	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			05/18/17 23:16	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			05/18/17 23:16	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			05/18/17 23:16	1
Tetrahydrofuran	<1.9		10	1.9	ug/L			05/18/17 23:16	1
Toluene	<0.15		0.50	0.15	ug/L			05/18/17 23:16	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			05/18/17 23:16	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			05/18/17 23:16	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			05/18/17 23:16	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			05/18/17 23:16	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			05/18/17 23:16	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			05/18/17 23:16	1
Trichloroethene	<0.16		0.50	0.16	ug/L			05/18/17 23:16	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			05/18/17 23:16	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			05/18/17 23:16	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			05/18/17 23:16	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			05/18/17 23:16	1
Vinyl chloride	<0.20		0.50	0.20	ug/L			05/18/17 23:16	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			05/18/17 23:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*72 - 124*		*05/18/17 23:16*	*1*
Dibromofluoromethane	*96*		*75 - 120*		*05/18/17 23:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*75 - 126*		*05/18/17 23:16*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-385770/6
Matrix: Water
Analysis Batch: 385770

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		75 - 120		05/18/17 23:16	1

Lab Sample ID: LCS 500-385770/4
Matrix: Water
Analysis Batch: 385770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	42.9		ug/L		86	70 - 120
Bromobenzene	50.0	47.0		ug/L		94	70 - 122
Bromochloromethane	50.0	42.7		ug/L		85	65 - 122
Bromodichloromethane	50.0	44.2		ug/L		88	69 - 120
Bromoform	50.0	34.7		ug/L		69	56 - 132
Bromomethane	50.0	39.6		ug/L		79	40 - 130
Carbon tetrachloride	50.0	39.7		ug/L		79	65 - 122
Chlorobenzene	50.0	44.9		ug/L		90	70 - 120
Chloroethane	50.0	33.7		ug/L		67	45 - 127
Chloroform	50.0	47.3		ug/L		95	70 - 120
Chloromethane	50.0	40.3		ug/L		81	54 - 147
2-Chlorotoluene	50.0	50.7		ug/L		101	70 - 125
4-Chlorotoluene	50.0	50.3		ug/L		101	68 - 124
cis-1,2-Dichloroethene	50.0	42.9		ug/L		86	70 - 125
cis-1,3-Dichloropropene	50.0	45.3		ug/L		91	64 - 127
Dibromochloromethane	50.0	40.8		ug/L		82	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	46.9		ug/L		94	56 - 123
1,2-Dibromoethane	50.0	46.9		ug/L		94	70 - 125
Dibromomethane	50.0	46.1		ug/L		92	70 - 120
1,2-Dichlorobenzene	50.0	45.5		ug/L		91	70 - 125
1,3-Dichlorobenzene	50.0	45.2		ug/L		90	70 - 125
1,4-Dichlorobenzene	50.0	44.8		ug/L		90	70 - 120
Dichlorodifluoromethane	50.0	48.8		ug/L		98	40 - 150
1,1-Dichloroethane	50.0	42.7		ug/L		85	70 - 125
1,2-Dichloroethane	50.0	51.2		ug/L		102	68 - 127
1,1-Dichloroethene	50.0	39.8		ug/L		80	67 - 122
Dichlorofluoromethane	50.0	46.7		ug/L		93	69 - 124
1,2-Dichloropropane	50.0	43.0		ug/L		86	67 - 130
1,3-Dichloropropane	50.0	50.1		ug/L		100	62 - 136
2,2-Dichloropropane	50.0	46.5		ug/L		93	58 - 129
1,1-Dichloropropene	50.0	44.5		ug/L		89	70 - 121
Ethylbenzene	50.0	45.4		ug/L		91	70 - 120
Hexachlorobutadiene	50.0	45.4		ug/L		91	51 - 150
Isopropylbenzene	50.0	48.2		ug/L		96	70 - 126
Methylene Chloride	50.0	47.2		ug/L		94	69 - 125
Methyl tert-butyl ether	50.0	47.3		ug/L		95	70 - 120
Naphthalene	50.0	44.9		ug/L		90	59 - 130
n-Butylbenzene	50.0	46.6		ug/L		93	68 - 125
N-Propylbenzene	50.0	49.7		ug/L		99	69 - 127
p-Isopropyltoluene	50.0	45.7		ug/L		91	70 - 125
sec-Butylbenzene	50.0	47.5		ug/L		95	70 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-385770/4
Matrix: Water
Analysis Batch: 385770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	50.0	45.6		ug/L		91	70 - 120
tert-Butylbenzene	50.0	47.6		ug/L		95	70 - 121
1,1,1,2-Tetrachloroethane	50.0	41.4		ug/L		83	70 - 125
1,1,2,2-Tetrachloroethane	50.0	49.5		ug/L		99	67 - 127
Tetrachloroethene	50.0	39.3		ug/L		79	70 - 128
Tetrahydrofuran	100	78.0		ug/L		78	59 - 139
Toluene	50.0	46.0		ug/L		92	70 - 125
trans-1,2-Dichloroethene	50.0	41.8		ug/L		84	70 - 125
trans-1,3-Dichloropropene	50.0	43.9		ug/L		88	62 - 128
1,2,3-Trichlorobenzene	50.0	51.1		ug/L		102	55 - 140
1,2,4-Trichlorobenzene	50.0	43.6		ug/L		87	66 - 127
1,1,1-Trichloroethane	50.0	44.4		ug/L		89	70 - 125
1,1,2-Trichloroethane	50.0	45.9		ug/L		92	70 - 122
Trichloroethene	50.0	39.0		ug/L		78	70 - 125
Trichlorofluoromethane	50.0	60.7		ug/L		121	70 - 126
1,2,3-Trichloropropane	50.0	47.5		ug/L		95	50 - 133
1,2,4-Trimethylbenzene	50.0	49.2		ug/L		98	70 - 123
1,3,5-Trimethylbenzene	50.0	48.9		ug/L		98	70 - 123
Vinyl chloride	50.0	43.2		ug/L		86	64 - 126
Xylenes, Total	100	92.8		ug/L		93	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*72 - 124*
Dibromofluoromethane	*99*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*114*		*75 - 126*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Sample ID: 500-127911-8 MS
Matrix: Water
Analysis Batch: 385770

Client Sample ID: MW8I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	<0.67		50.0	51.5		ug/L		103	40 - 150
Tetrahydrofuran	<1.9		100	65.4		ug/L		65	59 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*72 - 124*
Dibromofluoromethane	*94*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Sample ID: 500-127911-8 MSD
Matrix: Water
Analysis Batch: 385770

Client Sample ID: MW8I
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dichlorodifluoromethane	<0.67		50.0	49.2		ug/L		98	40 - 150	4	20
Tetrahydrofuran	<1.9		100	73.4		ug/L		73	59 - 139	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		72 - 124
Dibromofluoromethane	97		75 - 120
1,2-Dichloroethane-d4 (Surr)	111		75 - 126
Toluene-d8 (Surr)	101		75 - 120

Lab Chronicle

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Client Sample ID: Trip Blank
Lab Sample ID: 500-127911-1
Date Collected: 05/04/17 00:00
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385529	05/17/17 23:14	PMF	TAL CHI

Client Sample ID: Field Blank
Lab Sample ID: 500-127911-2
Date Collected: 05/05/17 16:15
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385529	05/18/17 00:54	PMF	TAL CHI

Client Sample ID: MW3D
Lab Sample ID: 500-127911-3
Date Collected: 05/04/17 13:30
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385531	05/18/17 05:57	PMF	TAL CHI

Client Sample ID: MW4D
Lab Sample ID: 500-127911-4
Date Collected: 05/04/17 14:40
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385531	05/18/17 06:24	PMF	TAL CHI

Client Sample ID: MW5D
Lab Sample ID: 500-127911-5
Date Collected: 05/04/17 14:00
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385531	05/18/17 06:51	PMF	TAL CHI

Client Sample ID: MW5D DUP
Lab Sample ID: 500-127911-6
Date Collected: 05/04/17 14:00
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385531	05/18/17 07:17	PMF	TAL CHI

Lab Chronicle

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Client Sample ID: MW7I
Lab Sample ID: 500-127911-7
Date Collected: 05/05/17 11:50
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385531	05/18/17 07:44	PMF	TAL CHI

Client Sample ID: MW8I
Lab Sample ID: 500-127911-8
Date Collected: 05/05/17 13:35
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/18/17 23:43	PMF	TAL CHI

Client Sample ID: MW9S
Lab Sample ID: 500-127911-9
Date Collected: 05/05/17 15:10
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/19/17 00:10	PMF	TAL CHI

Client Sample ID: MW9D
Lab Sample ID: 500-127911-10
Date Collected: 05/05/17 15:40
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/19/17 00:36	PMF	TAL CHI

Client Sample ID: MW9I
Lab Sample ID: 500-127911-11
Date Collected: 05/05/17 16:00
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/19/17 01:04	PMF	TAL CHI

Client Sample ID: MW9I DUP
Lab Sample ID: 500-127911-12
Date Collected: 05/05/17 16:00
Matrix: Water
Date Received: 05/10/17 09:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/19/17 01:31	PMF	TAL CHI

Lab Chronicle

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Client Sample ID: MW10S
Date Collected: 05/05/17 13:15
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/19/17 01:58	PMF	TAL CHI

Client Sample ID: MW10I
Date Collected: 05/05/17 12:45
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/19/17 02:25	PMF	TAL CHI

Client Sample ID: MW13I
Date Collected: 05/05/17 12:15
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/19/17 02:52	PMF	TAL CHI

Client Sample ID: MW14S
Date Collected: 05/05/17 14:15
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/19/17 03:18	PMF	TAL CHI

Client Sample ID: MW14I
Date Collected: 05/05/17 14:30
Date Received: 05/10/17 09:05

Lab Sample ID: 500-127911-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	385770	05/19/17 03:46	PMF	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Stoughton LF - 25216022

TestAmerica Job ID: 500-127911-1

Laboratory: TestAmerica Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Wisconsin	State Program	5	999580010	08-31-17

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 604
Phone: 708.534.5200 Fax: 708.534.

500-127911 COC

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-127911
Chain of Custody Number:
Page 1 of 2
Temperature °C of Cooler: 3.7

Client: SCS
Client Project #: 25216022
Project Name: Stoughton City Landfill
Project Location/State: WI
Lab Project #:
Sampler: Paul A. Grover
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	Parameter: VOC (8260B)	Parameter: THF and DCDFM only	Comments
								1	1	
1		Trip Blank	3/29/17	—	2	W		X		
2		Field Blank	5-5-17	16:15	3			X		
3		MW3D	5-4-17	13:30					X	
4		MW4D		14:40					X	
5		MW5D		14:00					X	
6		MW5D Dup	↓	↓					X	
7		MW7I	5-5-17	11:50					X	
8		MW8I		13:35					X	
9		MW9S		15:10				X		
10		MW9D	↓	15:40	↓	↓		X		

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Paul A. Grover	SCS	5/8/17	11:00	[illegible]	TA-Ctt	5/10/17	0905

Lab Courier:
Shipped: Fed Ex
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments:

Lab Comments:

TAL-4124-500 (1209)

5/23/2017

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

(optional)
Report To
Contact:
Company:
Address:
Address:
Phone:
Fax:
E-Mail:

(optional)
Bill To
Contact:
Company:
Address:
Address:
Phone:
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-12911
Chain of Custody Number:
Page 2 of 2
Temperature °C of Cooler:

Client: SCS
Client Project #: 25216022
Project Name: Stoughton City Landfill
Project Location/State: WI
Lab Project #:
Sampler: Paul A. Grover
Lab PM:

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	Parameter: VOC (8260B)	Parameter: THF and DCDFM only	Comments
11		MW 9I	5-5-17	16:00	3	W		X		
12		MW 9I Dup		16:00				X		
13		MW 10S		13:15				X		
14		MW 10I		12:45				X		
15		MW 13I		12:15					X	
16		MW 14S		14:15				X		
17		MW 14I		14:30				X		

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date: _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Paul A. Grover	SCS	5-8-17	11:00	[illegible]	TA-CHI	5/10/17	0905
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier:
Shipped: Fed X
Hand Delivered:

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments:

Lab Comments:

5/23/2017

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 500-127911-1

Login Number: 127911
List Number: 1
Creator: Scott, Sherri L

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT B

Groundwater Monitoring Data Certification Form
(with Exceedances Report)

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Environmental Monitoring Data Certification

Form 4400-231 (R 5/17)

Notice: Personally identifiable information collected will be used for program administration and enforcement purposes. The Department may also provide this information to requesters as required under Wisconsin's Open Records law, ss. 19.31 to 19.39, Wis. Stats.
When submitting monitoring data, the owner or operator of the facility, practice or activity is required to notify the Department in writing that a groundwater standard or an explosive gas level has been attained or exceeded, as specified in ss. NR 140.24(1)(a); NR 140.26(1)(a); NR 507.30NR 635.14(9)(a); NR 635.18(20) and NR 507.30, Wis. Adm. Code. Failure to report may result in fines, forfeitures or other penalties resulting from enforcement under ss. 289.97, 291.97 or 299.95, Wis. Stats

Instructions:

- **Prepare one form for each license or monitoring ID.**
- **Please type or print legibly.**
- Attach a notification of any values that attain or exceed groundwater standards (that is, preventive action limits, enforcement standards or alternative concentration limits). The notification must include a preliminary analysis of the cause and significance of each value.
- Attach a notification of any gas values that attain or exceed explosive gas levels.
- Send the original signed form, any notification, and Electronic Data Deliverable [EDD] to: GEMS Data Submittal Contact - WA/5, Wisconsin Department of Natural Resources, P.O. Box 7921, Madison, WI 53707-7921

Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner)
TestAmerica Inc.

Contact for questions about data formatting. Include data preparer's name, telephone number and Email address:

Name	Phone No. (include area code)
Sandra Fredrick.	(920) 261-1660

Email
Sandra.Fredrick@testamericainc.com

Facility Name
Stoughton City Landfill -25216022

License # / Monitoring ID	Facility ID (FID)
133	113005950

Actual sampling dates (e.g., July 2-6, 2003)	The enclosed results are for sampling required in the month(s) of: (e.g., June 2003)
May 4-5, 2017	May 2017

Type of Data Submitted (Check all that apply):

- [X] Groundwater monitoring data from monitoring wells
- [ ] Groundwater monitoring data from private water supply wells
- [ ] Leachate monitoring data
- [ ] Gas monitoring data
- [ ] Air monitoring data
- [ ] Other (specify):

Notification attached?

- [ ] No. No groundwater standards or explosive gas limits were exceeded.
- [X] Yes, a notification of values exceeding a groundwater standard is attached. It includes a list of monitoring points, dates, sample values, groundwater standard and preliminary analysis of the cause and significance of any concentration.
- [ ] Yes, a notification of values exceeding an explosive gas limit is attached. It includes the monitoring points, dates, sample values and explosive gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards.

Facility Representative Name (Print)	Title	Phone No. (include area code)
Paula Buckley	Mgr. of Proj. Mgmt. Assistants	(708) 534-5200

Paula Buckley — Signature

6/29/17 — Date Signed (mm/dd/yyyy)

For DNR Use Only

Check action taken, and record date and your initials. Describe on back side if necessary.

- [ ] Found uploading problems on _____ Initials
- [ ] Notified contact of problems on _____ Uploaded data successfully on _____

EDD format(s): [ ] Diskette [ ] CD (initial submittal and follow-up) [ ] E-mail (follow-up only) [ ] Other: _____

NR 140 PAL-ES Exceedance Report
Stoughton LF - 25216022

May-17

Sample No	Well ID	Well Name	Date Sampled	Parameter	Description	RESULT	PAL	ES	LOD	Units	PAL Exceeded?	ES Exceeded?
500-127911-1	999	Trip Blank	05/04/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77168	1,1-Dichloropropene				0.3	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77173	1,3-Dichloropropane				0.36	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77170	2,2-Dichloropropane				0.44	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77275	2-Chlorotoluene				0.31	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77277	4-Chlorotoluene				0.35	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34030	Benzene		0.5	5	0.15	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	81555	Bromobenzene				0.36	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77297	Bromochloromethane				0.43	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	32104	Bromoform		0.44	4.4	0.48	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34413	Bromomethane		1	10	0.8	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34301	Chlorobenzene		20	100	0.39	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34311	Chloroethane		80	400	0.51	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	32106	Chloroform		0.6	6	0.37	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34418	Chloromethane		3	30	0.32	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	32105	Dibromochloromethane		6	60	0.49	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77596	Dibromomethane				0.27	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77119	Dichlorofluoromethane				0.38	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	78113	Ethylbenzene		140	700	0.18	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34391	Hexachlorobutadiene				0.45	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	81577	Isopropyl ether				0.28	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77223	Isopropylbenzene				0.39	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34696	Naphthalene		10	100	0.34	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77342	n-Butylbenzene				0.39	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77224	N-Propylbenzene				0.41	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77356	p-Isopropyltoluene				0.36	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77350	sec-Butylbenzene				0.4	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77128	Styrene		10	100	0.39	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	77353	tert-Butylbenzene				0.4	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34475	Tetrachloroethene		0.5	5	0.37	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34010	Toluene		160	800	0.15	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	39180	Trichloroethene		0.5	5	0.16	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	34488	Trichlorofluoromethane		698	3490	0.43	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L		
500-127911-1	999	Trip Blank	05/04/2017	81551	Xylenes, Total		400	2000	0.22	ug/L		
500-127911-10	126	MW9B	05/05/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L		
500-127911-10	126	MW9B	05/05/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L		
500-127911-10	126	MW9B	05/05/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L		
500-127911-10	126	MW9B	05/05/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L		
500-127911-10	126	MW9B	05/05/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L		
500-127911-10	126	MW9B	05/05/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L		
500-127911-10	126	MW9B	05/05/2017	77168	1,1-Dichloropropene				0.3	ug/L		
500-127911-10	126	MW9B	05/05/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L		
500-127911-10	126	MW9B	05/05/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L		
500-127911-10	126	MW9B	05/05/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L		
500-127911-10	126	MW9B	05/05/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L		
500-127911-10	126	MW9B	05/05/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L		
500-127911-10	126	MW9B	05/05/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L		
500-127911-10	126	MW9B	05/05/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L		
500-127911-10	126	MW9B	05/05/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L		
500-127911-10	126	MW9B	05/05/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L		
500-127911-10	126	MW9B	05/05/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L		
500-127911-10	126	MW9B	05/05/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L		
500-127911-10	126	MW9B	05/05/2017	77173	1,3-Dichloropropane				0.36	ug/L		
500-127911-10	126	MW9B	05/05/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L		
500-127911-10	126	MW9B	05/05/2017	77170	2,2-Dichloropropane				0.44	ug/L		
500-127911-10	126	MW9B	05/05/2017	77275	2-Chlorotoluene				0.31	ug/L		
500-127911-10	126	MW9B	05/05/2017	77277	4-Chlorotoluene				0.35	ug/L		
500-127911-10	126	MW9B	05/05/2017	34030	Benzene		0.5	5	0.15	ug/L		
500-127911-10	126	MW9B	05/05/2017	81555	Bromobenzene				0.36	ug/L		
500-127911-10	126	MW9B	05/05/2017	77297	Bromochloromethane				0.43	ug/L		
500-127911-10	126	MW9B	05/05/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L		
500-127911-10	126	MW9B	05/05/2017	32104	Bromoform		0.44	4.4	0.48	ug/L		
500-127911-10	126	MW9B	05/05/2017	34413	Bromomethane		1	10	0.8	ug/L		
500-127911-10	126	MW9B	05/05/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L		
500-127911-10	126	MW9B	05/05/2017	34301	Chlorobenzene		20	100	0.39	ug/L		
500-127911-10	126	MW9B	05/05/2017	34311	Chloroethane		80	400	0.51	ug/L		
500-127911-10	126	MW9B	05/05/2017	32106	Chloroform		0.6	6	0.37	ug/L		
500-127911-10	126	MW9B	05/05/2017	34418	Chloromethane		3	30	0.32	ug/L		

NR 140 PAL-ES Exceedance Report
Stoughton LF - 25216022

May-17

Sample No	Well ID	Well Name	Date Sampled	Parameter	Description	RESULT	PAL	ES	LOD	Units	PAL Exceeded?	ES Exceeded?
500-127911-10	126	MW9B	05/05/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L		
500-127911-10	126	MW9B	05/05/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L		
500-127911-10	126	MW9B	05/05/2017	32105	Dibromochloromethane		6	60	0.49	ug/L		
500-127911-10	126	MW9B	05/05/2017	77596	Dibromomethane				0.27	ug/L		
500-127911-10	126	MW9B	05/05/2017	34668	Dichlorodifluoromethane	3.1	200	1000	0.67	ug/L		
500-127911-10	126	MW9B	05/05/2017	77119	Dichlorofluoromethane				0.38	ug/L		
500-127911-10	126	MW9B	05/05/2017	78113	Ethylbenzene		140	700	0.18	ug/L		
500-127911-10	126	MW9B	05/05/2017	34391	Hexachlorobutadiene				0.45	ug/L		
500-127911-10	126	MW9B	05/05/2017	81577	Isopropyl ether				0.28	ug/L		
500-127911-10	126	MW9B	05/05/2017	77223	Isopropylbenzene				0.39	ug/L		
500-127911-10	126	MW9B	05/05/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L		
500-127911-10	126	MW9B	05/05/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L		
500-127911-10	126	MW9B	05/05/2017	34696	Naphthalene		10	100	0.34	ug/L		
500-127911-10	126	MW9B	05/05/2017	77342	n-Butylbenzene				0.39	ug/L		
500-127911-10	126	MW9B	05/05/2017	77224	N-Propylbenzene				0.41	ug/L		
500-127911-10	126	MW9B	05/05/2017	77356	p-Isopropyltoluene				0.36	ug/L		
500-127911-10	126	MW9B	05/05/2017	77350	sec-Butylbenzene				0.4	ug/L		
500-127911-10	126	MW9B	05/05/2017	77128	Styrene		10	100	0.39	ug/L		
500-127911-10	126	MW9B	05/05/2017	77353	tert-Butylbenzene				0.4	ug/L		
500-127911-10	126	MW9B	05/05/2017	34475	Tetrachloroethene		0.5	5	0.37	ug/L		
500-127911-10	126	MW9B	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L		
500-127911-10	126	MW9B	05/05/2017	34010	Toluene		160	800	0.15	ug/L		
500-127911-10	126	MW9B	05/05/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L		
500-127911-10	126	MW9B	05/05/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L		
500-127911-10	126	MW9B	05/05/2017	39180	Trichloroethene		0.5	5	0.16	ug/L		
500-127911-10	126	MW9B	05/05/2017	34488	Trichlorofluoromethane	1.5	698	3490	0.43	ug/L		
500-127911-10	126	MW9B	05/05/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L		
500-127911-10	126	MW9B	05/05/2017	81551	Xylenes, Total		400	2000	0.22	ug/L		
500-127911-11	125	MW9I	05/05/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L		
500-127911-11	125	MW9I	05/05/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L		
500-127911-11	125	MW9I	05/05/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L		
500-127911-11	125	MW9I	05/05/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L		
500-127911-11	125	MW9I	05/05/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L		
500-127911-11	125	MW9I	05/05/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L		
500-127911-11	125	MW9I	05/05/2017	77168	1,1-Dichloropropene				0.3	ug/L		
500-127911-11	125	MW9I	05/05/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L		
500-127911-11	125	MW9I	05/05/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L		
500-127911-11	125	MW9I	05/05/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L		
500-127911-11	125	MW9I	05/05/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L		
500-127911-11	125	MW9I	05/05/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L		
500-127911-11	125	MW9I	05/05/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L		
500-127911-11	125	MW9I	05/05/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L		
500-127911-11	125	MW9I	05/05/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L		
500-127911-11	125	MW9I	05/05/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L		
500-127911-11	125	MW9I	05/05/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L		
500-127911-11	125	MW9I	05/05/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L		
500-127911-11	125	MW9I	05/05/2017	77173	1,3-Dichloropropane				0.36	ug/L		
500-127911-11	125	MW9I	05/05/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L		
500-127911-11	125	MW9I	05/05/2017	77170	2,2-Dichloropropane				0.44	ug/L		
500-127911-11	125	MW9I	05/05/2017	77275	2-Chlorotoluene				0.31	ug/L		
500-127911-11	125	MW9I	05/05/2017	77277	4-Chlorotoluene				0.35	ug/L		
500-127911-11	125	MW9I	05/05/2017	34030	Benzene		0.5	5	0.15	ug/L		
500-127911-11	125	MW9I	05/05/2017	81555	Bromobenzene				0.36	ug/L		
500-127911-11	125	MW9I	05/05/2017	77297	Bromochloromethane				0.43	ug/L		
500-127911-11	125	MW9I	05/05/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L		
500-127911-11	125	MW9I	05/05/2017	32104	Bromoform		0.44	4.4	0.48	ug/L		
500-127911-11	125	MW9I	05/05/2017	34413	Bromomethane		1	10	0.8	ug/L		
500-127911-11	125	MW9I	05/05/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L		
500-127911-11	125	MW9I	05/05/2017	34301	Chlorobenzene		20	100	0.39	ug/L		
500-127911-11	125	MW9I	05/05/2017	34311	Chloroethane		80	400	0.51	ug/L		
500-127911-11	125	MW9I	05/05/2017	32106	Chloroform		0.6	6	0.37	ug/L		
500-127911-11	125	MW9I	05/05/2017	34418	Chloromethane		3	30	0.32	ug/L		
500-127911-11	125	MW9I	05/05/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L		
500-127911-11	125	MW9I	05/05/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L		
500-127911-11	125	MW9I	05/05/2017	32105	Dibromochloromethane		6	60	0.49	ug/L		
500-127911-11	125	MW9I	05/05/2017	77596	Dibromomethane				0.27	ug/L		
500-127911-11	125	MW9I	05/05/2017	34668	Dichlorodifluoromethane	24	200	1000	0.67	ug/L		
500-127911-11	125	MW9I	05/05/2017	77119	Dichlorofluoromethane	13			0.38	ug/L		
500-127911-11	125	MW9I	05/05/2017	78113	Ethylbenzene		140	700	0.18	ug/L		
500-127911-11	125	MW9I	05/05/2017	34391	Hexachlorobutadiene				0.45	ug/L		
500-127911-11	125	MW9I	05/05/2017	81577	Isopropyl ether				0.28	ug/L		
500-127911-11	125	MW9I	05/05/2017	77223	Isopropylbenzene				0.39	ug/L		
500-127911-11	125	MW9I	05/05/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L		
500-127911-11	125	MW9I	05/05/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L		
500-127911-11	125	MW9I	05/05/2017	34696	Naphthalene		10	100	0.34	ug/L		
500-127911-11	125	MW9I	05/05/2017	77342	n-Butylbenzene				0.39	ug/L		
500-127911-11	125	MW9I	05/05/2017	77224	N-Propylbenzene				0.41	ug/L		
500-127911-11	125	MW9I	05/05/2017	77356	p-Isopropyltoluene				0.36	ug/L		
500-127911-11	125	MW9I	05/05/2017	77350	sec-Butylbenzene				0.4	ug/L		
500-127911-11	125	MW9I	05/05/2017	77128	Styrene		10	100	0.39	ug/L		
500-127911-11	125	MW9I	05/05/2017	77353	tert-Butylbenzene				0.4	ug/L		
500-127911-11	125	MW9I	05/05/2017	34475	Tetrachloroethene		0.5	5	0.37	ug/L		
500-127911-11	125	MW9I	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L		
500-127911-11	125	MW9I	05/05/2017	34010	Toluene		160	800	0.15	ug/L		
500-127911-11	125	MW9I	05/05/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L		
500-127911-11	125	MW9I	05/05/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L		
500-127911-11	125	MW9I	05/05/2017	39180	Trichloroethene		0.5	5	0.16	ug/L		
500-127911-11	125	MW9I	05/05/2017	34488	Trichlorofluoromethane		698	3490	0.43	ug/L		
500-127911-11	125	MW9I	05/05/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L		
500-127911-11	125	MW9I	05/05/2017	81551	Xylenes, Total		400	2000	0.22	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L		

NR 140 PAL-ES Exceedance Report
Stoughton LF - 25216022

May-17

Sample No	Well ID	Well Name	Date Sampled	Parameter	Description	RESULT	PAL	ES	LOD	Units	PAL Exceeded?	ES Exceeded?
500-127911-12	125	MW9I DUP	05/05/2017	77168	1,1-Dichloropropene				0.3	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77173	1,3-Dichloropropane				0.36	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77170	2,2-Dichloropropane				0.44	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77275	2-Chlorotoluene				0.31	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77277	4-Chlorotoluene				0.35	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34030	Benzene		0.5	5	0.15	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	81555	Bromobenzene				0.36	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77297	Bromochloromethane				0.43	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	32104	Bromoform		0.44	4.4	0.48	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34413	Bromomethane		1	10	0.8	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34301	Chlorobenzene		20	100	0.39	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34311	Chloroethane		80	400	0.51	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	32106	Chloroform		0.6	6	0.37	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34418	Chloromethane		3	30	0.32	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	32105	Dibromochloromethane		6	60	0.49	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77596	Dibromomethane				0.27	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34668	Dichlorodifluoromethane	26	200	1000	0.67	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77119	Dichlorofluoromethane	14			0.38	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	78113	Ethylbenzene		140	700	0.18	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34391	Hexachlorobutadiene				0.45	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	81577	Isopropyl ether				0.28	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77223	Isopropylbenzene				0.39	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34696	Naphthalene		10	100	0.34	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77342	n-Butylbenzene				0.39	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77224	N-Propylbenzene				0.41	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77356	p-Isopropyltoluene				0.36	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77350	sec-Butylbenzene				0.4	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77128	Styrene		10	100	0.39	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	77353	tert-Butylbenzene				0.4	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34475	Tetrachloroethene		0.5	5	0.37	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34010	Toluene		160	800	0.15	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	39180	Trichloroethene	0.39	0.5	5	0.16	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	34488	Trichlorofluoromethane		698	3490	0.43	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L		
500-127911-12	125	MW9I DUP	05/05/2017	81551	Xylenes, Total		400	2000	0.22	ug/L		
500-127911-13	127	MW10S	05/05/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L		
500-127911-13	127	MW10S	05/05/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L		
500-127911-13	127	MW10S	05/05/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L		
500-127911-13	127	MW10S	05/05/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L		
500-127911-13	127	MW10S	05/05/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L		
500-127911-13	127	MW10S	05/05/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L		
500-127911-13	127	MW10S	05/05/2017	77168	1,1-Dichloropropene				0.3	ug/L		
500-127911-13	127	MW10S	05/05/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L		
500-127911-13	127	MW10S	05/05/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L		
500-127911-13	127	MW10S	05/05/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L		
500-127911-13	127	MW10S	05/05/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L		
500-127911-13	127	MW10S	05/05/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L		
500-127911-13	127	MW10S	05/05/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L		
500-127911-13	127	MW10S	05/05/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L		
500-127911-13	127	MW10S	05/05/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L		
500-127911-13	127	MW10S	05/05/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L		
500-127911-13	127	MW10S	05/05/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L		
500-127911-13	127	MW10S	05/05/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L		
500-127911-13	127	MW10S	05/05/2017	77173	1,3-Dichloropropane				0.36	ug/L		
500-127911-13	127	MW10S	05/05/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L		
500-127911-13	127	MW10S	05/05/2017	77170	2,2-Dichloropropane				0.44	ug/L		
500-127911-13	127	MW10S	05/05/2017	77275	2-Chlorotoluene				0.31	ug/L		
500-127911-13	127	MW10S	05/05/2017	77277	4-Chlorotoluene				0.35	ug/L		
500-127911-13	127	MW10S	05/05/2017	34030	Benzene		0.5	5	0.15	ug/L		
500-127911-13	127	MW10S	05/05/2017	81555	Bromobenzene				0.36	ug/L		
500-127911-13	127	MW10S	05/05/2017	77297	Bromochloromethane				0.43	ug/L		
500-127911-13	127	MW10S	05/05/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L		
500-127911-13	127	MW10S	05/05/2017	32104	Bromoform		0.44	4.4	0.48	ug/L		
500-127911-13	127	MW10S	05/05/2017	34413	Bromomethane		1	10	0.8	ug/L		
500-127911-13	127	MW10S	05/05/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L		
500-127911-13	127	MW10S	05/05/2017	34301	Chlorobenzene		20	100	0.39	ug/L		
500-127911-13	127	MW10S	05/05/2017	34311	Chloroethane		80	400	0.51	ug/L		
500-127911-13	127	MW10S	05/05/2017	32106	Chloroform		0.6	6	0.37	ug/L		
500-127911-13	127	MW10S	05/05/2017	34418	Chloromethane		3	30	0.32	ug/L		
500-127911-13	127	MW10S	05/05/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L		
500-127911-13	127	MW10S	05/05/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L		
500-127911-13	127	MW10S	05/05/2017	32105	Dibromochloromethane		6	60	0.49	ug/L		
500-127911-13	127	MW10S	05/05/2017	77596	Dibromomethane				0.27	ug/L		
500-127911-13	127	MW10S	05/05/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L		
500-127911-13	127	MW10S	05/05/2017	77119	Dichlorofluoromethane				0.38	ug/L		

NR 140 PAL-ES Exceedance Report
Stoughton LF - 25216022

May-17

Sample No	Well ID	Well Name	Date Sampled	Parameter	Description	RESULT	PAL	ES	LOD	Units	PAL Exceeded?	ES Exceeded?
500-127911-13	127	MW10S	05/05/2017	78113	Ethylbenzene		140	700	0.18	ug/L		
500-127911-13	127	MW10S	05/05/2017	34391	Hexachlorobutadiene				0.45	ug/L		
500-127911-13	127	MW10S	05/05/2017	81577	Isopropyl ether				0.28	ug/L		
500-127911-13	127	MW10S	05/05/2017	77223	Isopropylbenzene				0.39	ug/L		
500-127911-13	127	MW10S	05/05/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L		
500-127911-13	127	MW10S	05/05/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L		
500-127911-13	127	MW10S	05/05/2017	34696	Naphthalene		10	100	0.34	ug/L		
500-127911-13	127	MW10S	05/05/2017	77342	n-Butylbenzene				0.39	ug/L		
500-127911-13	127	MW10S	05/05/2017	77224	N-Propylbenzene				0.41	ug/L		
500-127911-13	127	MW10S	05/05/2017	77356	p-Isopropyltoluene				0.36	ug/L		
500-127911-13	127	MW10S	05/05/2017	77350	sec-Butylbenzene				0.4	ug/L		
500-127911-13	127	MW10S	05/05/2017	77128	Styrene		10	100	0.39	ug/L		
500-127911-13	127	MW10S	05/05/2017	77353	tert-Butylbenzene				0.4	ug/L		
500-127911-13	127	MW10S	05/05/2017	34475	Tetrachloroethene		0.5	5	0.37	ug/L		
500-127911-13	127	MW10S	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L		
500-127911-13	127	MW10S	05/05/2017	34010	Toluene		160	800	0.15	ug/L		
500-127911-13	127	MW10S	05/05/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L		
500-127911-13	127	MW10S	05/05/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L		
500-127911-13	127	MW10S	05/05/2017	39180	Trichloroethene		0.5	5	0.16	ug/L		
500-127911-13	127	MW10S	05/05/2017	34488	Trichlorofluoromethane		698	3490	0.43	ug/L		
500-127911-13	127	MW10S	05/05/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L		
500-127911-13	127	MW10S	05/05/2017	81551	Xylenes, Total		400	2000	0.22	ug/L		
500-127911-14	128	MW10I	05/05/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L		
500-127911-14	128	MW10I	05/05/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L		
500-127911-14	128	MW10I	05/05/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L		
500-127911-14	128	MW10I	05/05/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L		
500-127911-14	128	MW10I	05/05/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L		
500-127911-14	128	MW10I	05/05/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L		
500-127911-14	128	MW10I	05/05/2017	77168	1,1-Dichloropropene				0.3	ug/L		
500-127911-14	128	MW10I	05/05/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L		
500-127911-14	128	MW10I	05/05/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L		
500-127911-14	128	MW10I	05/05/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L		
500-127911-14	128	MW10I	05/05/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L		
500-127911-14	128	MW10I	05/05/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L		
500-127911-14	128	MW10I	05/05/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L		
500-127911-14	128	MW10I	05/05/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L		
500-127911-14	128	MW10I	05/05/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L		
500-127911-14	128	MW10I	05/05/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L		
500-127911-14	128	MW10I	05/05/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L		
500-127911-14	128	MW10I	05/05/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L		
500-127911-14	128	MW10I	05/05/2017	77173	1,3-Dichloropropane				0.36	ug/L		
500-127911-14	128	MW10I	05/05/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L		
500-127911-14	128	MW10I	05/05/2017	77170	2,2-Dichloropropane				0.44	ug/L		
500-127911-14	128	MW10I	05/05/2017	77275	2-Chlorotoluene				0.31	ug/L		
500-127911-14	128	MW10I	05/05/2017	77277	4-Chlorotoluene				0.35	ug/L		
500-127911-14	128	MW10I	05/05/2017	34030	Benzene		0.5	5	0.15	ug/L		
500-127911-14	128	MW10I	05/05/2017	81555	Bromobenzene				0.36	ug/L		
500-127911-14	128	MW10I	05/05/2017	77297	Bromochloromethane				0.43	ug/L		
500-127911-14	128	MW10I	05/05/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L		
500-127911-14	128	MW10I	05/05/2017	32104	Bromoform		0.44	4.4	0.48	ug/L		
500-127911-14	128	MW10I	05/05/2017	34413	Bromomethane		1	10	0.8	ug/L		
500-127911-14	128	MW10I	05/05/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L		
500-127911-14	128	MW10I	05/05/2017	34301	Chlorobenzene		20	100	0.39	ug/L		
500-127911-14	128	MW10I	05/05/2017	34311	Chloroethane		80	400	0.51	ug/L		
500-127911-14	128	MW10I	05/05/2017	32106	Chloroform		0.6	6	0.37	ug/L		
500-127911-14	128	MW10I	05/05/2017	34418	Chloromethane		3	30	0.32	ug/L		
500-127911-14	128	MW10I	05/05/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L		
500-127911-14	128	MW10I	05/05/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L		
500-127911-14	128	MW10I	05/05/2017	32105	Dibromochloromethane		6	60	0.49	ug/L		
500-127911-14	128	MW10I	05/05/2017	77596	Dibromomethane				0.27	ug/L		
500-127911-14	128	MW10I	05/05/2017	34668	Dichlorodifluoromethane	12	200	1000	0.67	ug/L		
500-127911-14	128	MW10I	05/05/2017	77119	Dichlorofluoromethane	6.1			0.38	ug/L		
500-127911-14	128	MW10I	05/05/2017	78113	Ethylbenzene		140	700	0.18	ug/L		
500-127911-14	128	MW10I	05/05/2017	34391	Hexachlorobutadiene				0.45	ug/L		
500-127911-14	128	MW10I	05/05/2017	81577	Isopropyl ether				0.28	ug/L		
500-127911-14	128	MW10I	05/05/2017	77223	Isopropylbenzene				0.39	ug/L		
500-127911-14	128	MW10I	05/05/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L		
500-127911-14	128	MW10I	05/05/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L		
500-127911-14	128	MW10I	05/05/2017	34696	Naphthalene		10	100	0.34	ug/L		
500-127911-14	128	MW10I	05/05/2017	77342	n-Butylbenzene				0.39	ug/L		
500-127911-14	128	MW10I	05/05/2017	77224	N-Propylbenzene				0.41	ug/L		
500-127911-14	128	MW10I	05/05/2017	77356	p-Isopropyltoluene				0.36	ug/L		
500-127911-14	128	MW10I	05/05/2017	77350	sec-Butylbenzene				0.4	ug/L		
500-127911-14	128	MW10I	05/05/2017	77128	Styrene		10	100	0.39	ug/L		
500-127911-14	128	MW10I	05/05/2017	77353	tert-Butylbenzene				0.4	ug/L		
500-127911-14	128	**MW10I**	05/05/2017	34475	**Tetrachloroethene**	**1.8**	0.5	5	0.37	ug/L	**PAL Exceeded**	
500-127911-14	128	MW10I	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L		
500-127911-14	128	MW10I	05/05/2017	34010	Toluene		160	800	0.15	ug/L		
500-127911-14	128	MW10I	05/05/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L		
500-127911-14	128	MW10I	05/05/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L		
500-127911-14	128	MW10I	05/05/2017	39180	Trichloroethene		0.5	5	0.16	ug/L		
500-127911-14	128	MW10I	05/05/2017	34488	Trichlorofluoromethane		698	3490	0.43	ug/L		
500-127911-14	128	MW10I	05/05/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L		
500-127911-14	128	MW10I	05/05/2017	81551	Xylenes, Total		400	2000	0.22	ug/L		
500-127911-15	131	MW13I	05/05/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L		
500-127911-15	131	MW13I	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L		
500-127911-16	133	MW14S	05/05/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L		
500-127911-16	133	MW14S	05/05/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L		
500-127911-16	133	MW14S	05/05/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L		
500-127911-16	133	MW14S	05/05/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L		
500-127911-16	133	MW14S	05/05/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L		
500-127911-16	133	MW14S	05/05/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L		
500-127911-16	133	MW14S	05/05/2017	77168	1,1-Dichloropropene				0.3	ug/L		
500-127911-16	133	MW14S	05/05/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L		
500-127911-16	133	MW14S	05/05/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L		
500-127911-16	133	MW14S	05/05/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L		

NR 140 PAL-ES Exceedance Report
Stoughton LF - 25216022

May-17

Sample No	Well ID	Well Name	Date Sampled	Parameter	Description	RESULT	PAL	ES	LOD	Units	PAL Exceeded?	ES Exceeded?
500-127911-16	133	MW14S	05/05/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L		
500-127911-16	133	MW14S	05/05/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L		
500-127911-16	133	MW14S	05/05/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L		
500-127911-16	133	MW14S	05/05/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L		
500-127911-16	133	MW14S	05/05/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L		
500-127911-16	133	MW14S	05/05/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L		
500-127911-16	133	MW14S	05/05/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L		
500-127911-16	133	MW14S	05/05/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L		
500-127911-16	133	MW14S	05/05/2017	77173	1,3-Dichloropropane				0.36	ug/L		
500-127911-16	133	MW14S	05/05/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L		
500-127911-16	133	MW14S	05/05/2017	77170	2,2-Dichloropropane				0.44	ug/L		
500-127911-16	133	MW14S	05/05/2017	77275	2-Chlorotoluene				0.31	ug/L		
500-127911-16	133	MW14S	05/05/2017	77277	4-Chlorotoluene				0.35	ug/L		
500-127911-16	133	MW14S	05/05/2017	34030	Benzene		0.5	5	0.15	ug/L		
500-127911-16	133	MW14S	05/05/2017	81555	Bromobenzene				0.36	ug/L		
500-127911-16	133	MW14S	05/05/2017	77297	Bromochloromethane				0.43	ug/L		
500-127911-16	133	MW14S	05/05/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L		
500-127911-16	133	MW14S	05/05/2017	32104	Bromoform		0.44	4.4	0.48	ug/L		
500-127911-16	133	MW14S	05/05/2017	34413	Bromomethane		1	10	0.8	ug/L		
500-127911-16	133	MW14S	05/05/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L		
500-127911-16	133	MW14S	05/05/2017	34301	Chlorobenzene		20	100	0.39	ug/L		
500-127911-16	133	MW14S	05/05/2017	34311	Chloroethane		80	400	0.51	ug/L		
500-127911-16	133	MW14S	05/05/2017	32106	Chloroform		0.6	6	0.37	ug/L		
500-127911-16	133	MW14S	05/05/2017	34418	Chloromethane		3	30	0.32	ug/L		
500-127911-16	133	MW14S	05/05/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L		
500-127911-16	133	MW14S	05/05/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L		
500-127911-16	133	MW14S	05/05/2017	32105	Dibromochloromethane		6	60	0.49	ug/L		
500-127911-16	133	MW14S	05/05/2017	77596	Dibromomethane				0.27	ug/L		
500-127911-16	133	MW14S	05/05/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L		
500-127911-16	133	MW14S	05/05/2017	77119	Dichlorofluoromethane				0.38	ug/L		
500-127911-16	133	MW14S	05/05/2017	78113	Ethylbenzene		140	700	0.18	ug/L		
500-127911-16	133	MW14S	05/05/2017	34391	Hexachlorobutadiene				0.45	ug/L		
500-127911-16	133	MW14S	05/05/2017	81577	Isopropyl ether				0.28	ug/L		
500-127911-16	133	MW14S	05/05/2017	77223	Isopropylbenzene				0.39	ug/L		
500-127911-16	133	MW14S	05/05/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L		
500-127911-16	133	MW14S	05/05/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L		
500-127911-16	133	MW14S	05/05/2017	34696	Naphthalene		10	100	0.34	ug/L		
500-127911-16	133	MW14S	05/05/2017	77342	n-Butylbenzene				0.39	ug/L		
500-127911-16	133	MW14S	05/05/2017	77224	N-Propylbenzene				0.41	ug/L		
500-127911-16	133	MW14S	05/05/2017	77356	p-Isopropyltoluene				0.36	ug/L		
500-127911-16	133	MW14S	05/05/2017	77350	sec-Butylbenzene				0.4	ug/L		
500-127911-16	133	MW14S	05/05/2017	77128	Styrene		10	100	0.39	ug/L		
500-127911-16	133	MW14S	05/05/2017	77353	tert-Butylbenzene				0.4	ug/L		
500-127911-16	133	MW14S	05/05/2017	34475	Tetrachloroethene		0.5	5	0.37	ug/L		
500-127911-16	133	MW14S	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L		
500-127911-16	133	MW14S	05/05/2017	34010	Toluene		160	800	0.15	ug/L		
500-127911-16	133	MW14S	05/05/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L		
500-127911-16	133	MW14S	05/05/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L		
500-127911-16	133	MW14S	05/05/2017	39180	Trichloroethene		0.5	5	0.16	ug/L		
500-127911-16	133	MW14S	05/05/2017	34488	Trichlorofluoromethane		698	3490	0.43	ug/L		
500-127911-16	133	MW14S	05/05/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L		
500-127911-16	133	MW14S	05/05/2017	81551	Xylenes, Total		400	2000	0.22	ug/L		
500-127911-17	134	MW14I	05/05/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L		
500-127911-17	134	MW14I	05/05/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L		
500-127911-17	134	MW14I	05/05/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L		
500-127911-17	134	MW14I	05/05/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L		
500-127911-17	134	MW14I	05/05/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L		
500-127911-17	134	MW14I	05/05/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L		
500-127911-17	134	MW14I	05/05/2017	77168	1,1-Dichloropropene				0.3	ug/L		
500-127911-17	134	MW14I	05/05/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L		
500-127911-17	134	MW14I	05/05/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L		
500-127911-17	134	MW14I	05/05/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L		
500-127911-17	134	MW14I	05/05/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L		
500-127911-17	134	MW14I	05/05/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L		
500-127911-17	134	MW14I	05/05/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L		
500-127911-17	134	MW14I	05/05/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L		
500-127911-17	134	MW14I	05/05/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L		
500-127911-17	134	MW14I	05/05/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L		
500-127911-17	134	MW14I	05/05/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L		
500-127911-17	134	MW14I	05/05/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L		
500-127911-17	134	MW14I	05/05/2017	77173	1,3-Dichloropropane				0.36	ug/L		
500-127911-17	134	MW14I	05/05/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L		
500-127911-17	134	MW14I	05/05/2017	77170	2,2-Dichloropropane				0.44	ug/L		
500-127911-17	134	MW14I	05/05/2017	77275	2-Chlorotoluene				0.31	ug/L		
500-127911-17	134	MW14I	05/05/2017	77277	4-Chlorotoluene				0.35	ug/L		
500-127911-17	134	MW14I	05/05/2017	34030	Benzene		0.5	5	0.15	ug/L		
500-127911-17	134	MW14I	05/05/2017	81555	Bromobenzene				0.36	ug/L		
500-127911-17	134	MW14I	05/05/2017	77297	Bromochloromethane				0.43	ug/L		
500-127911-17	134	MW14I	05/05/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L		
500-127911-17	134	MW14I	05/05/2017	32104	Bromoform		0.44	4.4	0.48	ug/L		
500-127911-17	134	MW14I	05/05/2017	34413	Bromomethane		1	10	0.8	ug/L		
500-127911-17	134	MW14I	05/05/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L		
500-127911-17	134	MW14I	05/05/2017	34301	Chlorobenzene		20	100	0.39	ug/L		
500-127911-17	134	MW14I	05/05/2017	34311	Chloroethane		80	400	0.51	ug/L		
500-127911-17	134	MW14I	05/05/2017	32106	Chloroform		0.6	6	0.37	ug/L		
500-127911-17	134	MW14I	05/05/2017	34418	Chloromethane		3	30	0.32	ug/L		
500-127911-17	134	MW14I	05/05/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L		
500-127911-17	134	MW14I	05/05/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L		
500-127911-17	134	MW14I	05/05/2017	32105	Dibromochloromethane		6	60	0.49	ug/L		
500-127911-17	134	MW14I	05/05/2017	77596	Dibromomethane				0.27	ug/L		
500-127911-17	134	MW14I	05/05/2017	34668	Dichlorodifluoromethane	4.6	200	1000	0.67	ug/L		
500-127911-17	134	MW14I	05/05/2017	77119	Dichlorofluoromethane	12			0.38	ug/L		
500-127911-17	134	MW14I	05/05/2017	78113	Ethylbenzene		140	700	0.18	ug/L		
500-127911-17	134	MW14I	05/05/2017	34391	Hexachlorobutadiene				0.45	ug/L		
500-127911-17	134	MW14I	05/05/2017	81577	Isopropyl ether				0.28	ug/L		
500-127911-17	134	MW14I	05/05/2017	77223	Isopropylbenzene				0.39	ug/L		

NR 140 PAL-ES Exceedance Report
Stoughton LF - 25216022

May-17

PAL Exceeded?	ES Exceeded?

Sample No	Well ID	Well Name	Date Sampled	Parameter	Description	RESULT	PAL	ES	LOD	Units
500-127911-17	134	MW14I	05/05/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L
500-127911-17	134	MW14I	05/05/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L
500-127911-17	134	MW14I	05/05/2017	34696	Naphthalene		10	100	0.34	ug/L
500-127911-17	134	MW14I	05/05/2017	77342	n-Butylbenzene				0.39	ug/L
500-127911-17	134	MW14I	05/05/2017	77224	N-Propylbenzene				0.41	ug/L
500-127911-17	134	MW14I	05/05/2017	77356	p-Isopropyltoluene				0.36	ug/L
500-127911-17	134	MW14I	05/05/2017	77350	sec-Butylbenzene				0.4	ug/L
500-127911-17	134	MW14I	05/05/2017	77128	Styrene		10	100	0.39	ug/L
500-127911-17	134	MW14I	05/05/2017	77353	tert-Butylbenzene				0.4	ug/L
500-127911-17	134	MW14I	05/05/2017	34475	Tetrachloroethene		0.5	5	0.37	ug/L
500-127911-17	134	MW14I	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L
500-127911-17	134	MW14I	05/05/2017	34010	Toluene		160	800	0.15	ug/L
500-127911-17	134	MW14I	05/05/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L
500-127911-17	134	MW14I	05/05/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L
500-127911-17	134	MW14I	05/05/2017	39180	Trichloroethene		0.5	5	0.16	ug/L
500-127911-17	134	MW14I	05/05/2017	34488	Trichlorofluoromethane		698	3490	0.43	ug/L
500-127911-17	134	MW14I	05/05/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L
500-127911-17	134	MW14I	05/05/2017	81551	Xylenes, Total		400	2000	0.22	ug/L
500-127911-2	997	Field Blank	05/05/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L
500-127911-2	997	Field Blank	05/05/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L
500-127911-2	997	Field Blank	05/05/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L
500-127911-2	997	Field Blank	05/05/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L
500-127911-2	997	Field Blank	05/05/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L
500-127911-2	997	Field Blank	05/05/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L
500-127911-2	997	Field Blank	05/05/2017	77168	1,1-Dichloropropene				0.3	ug/L
500-127911-2	997	Field Blank	05/05/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L
500-127911-2	997	Field Blank	05/05/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L
500-127911-2	997	Field Blank	05/05/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L
500-127911-2	997	Field Blank	05/05/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L
500-127911-2	997	Field Blank	05/05/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L
500-127911-2	997	Field Blank	05/05/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L
500-127911-2	997	Field Blank	05/05/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L
500-127911-2	997	Field Blank	05/05/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L
500-127911-2	997	Field Blank	05/05/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L
500-127911-2	997	Field Blank	05/05/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L
500-127911-2	997	Field Blank	05/05/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L
500-127911-2	997	Field Blank	05/05/2017	77173	1,3-Dichloropropane				0.36	ug/L
500-127911-2	997	Field Blank	05/05/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L
500-127911-2	997	Field Blank	05/05/2017	77170	2,2-Dichloropropane				0.44	ug/L
500-127911-2	997	Field Blank	05/05/2017	77275	2-Chlorotoluene				0.31	ug/L
500-127911-2	997	Field Blank	05/05/2017	77277	4-Chlorotoluene				0.35	ug/L
500-127911-2	997	Field Blank	05/05/2017	34030	Benzene		0.5	5	0.15	ug/L
500-127911-2	997	Field Blank	05/05/2017	81555	Bromobenzene				0.36	ug/L
500-127911-2	997	Field Blank	05/05/2017	77297	Bromochloromethane				0.43	ug/L
500-127911-2	997	Field Blank	05/05/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L
500-127911-2	997	Field Blank	05/05/2017	32104	Bromoform		0.44	4.4	0.48	ug/L
500-127911-2	997	Field Blank	05/05/2017	34413	Bromomethane		1	10	0.8	ug/L
500-127911-2	997	Field Blank	05/05/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L
500-127911-2	997	Field Blank	05/05/2017	34301	Chlorobenzene		20	100	0.39	ug/L
500-127911-2	997	Field Blank	05/05/2017	34311	Chloroethane		80	400	0.51	ug/L
500-127911-2	997	Field Blank	05/05/2017	32106	Chloroform		0.6	6	0.37	ug/L
500-127911-2	997	Field Blank	05/05/2017	34418	Chloromethane		3	30	0.32	ug/L
500-127911-2	997	Field Blank	05/05/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L
500-127911-2	997	Field Blank	05/05/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L
500-127911-2	997	Field Blank	05/05/2017	32105	Dibromochloromethane		6	60	0.49	ug/L
500-127911-2	997	Field Blank	05/05/2017	77596	Dibromomethane				0.27	ug/L
500-127911-2	997	Field Blank	05/05/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L
500-127911-2	997	Field Blank	05/05/2017	77119	Dichlorofluoromethane				0.38	ug/L
500-127911-2	997	Field Blank	05/05/2017	78113	Ethylbenzene		140	700	0.18	ug/L
500-127911-2	997	Field Blank	05/05/2017	34391	Hexachlorobutadiene				0.45	ug/L
500-127911-2	997	Field Blank	05/05/2017	81577	Isopropyl ether				0.28	ug/L
500-127911-2	997	Field Blank	05/05/2017	77223	Isopropylbenzene				0.39	ug/L
500-127911-2	997	Field Blank	05/05/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L
500-127911-2	997	Field Blank	05/05/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L
500-127911-2	997	Field Blank	05/05/2017	34696	Naphthalene		10	100	0.34	ug/L
500-127911-2	997	Field Blank	05/05/2017	77342	n-Butylbenzene				0.39	ug/L
500-127911-2	997	Field Blank	05/05/2017	77224	N-Propylbenzene				0.41	ug/L
500-127911-2	997	Field Blank	05/05/2017	77356	p-Isopropyltoluene				0.36	ug/L
500-127911-2	997	Field Blank	05/05/2017	77350	sec-Butylbenzene				0.4	ug/L
500-127911-2	997	Field Blank	05/05/2017	77128	Styrene		10	100	0.39	ug/L
500-127911-2	997	Field Blank	05/05/2017	77353	tert-Butylbenzene				0.4	ug/L
500-127911-2	997	Field Blank	05/05/2017	34475	Tetrachloroethene		0.5	5	0.37	ug/L
500-127911-2	997	Field Blank	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L
500-127911-2	997	Field Blank	05/05/2017	34010	Toluene		160	800	0.15	ug/L
500-127911-2	997	Field Blank	05/05/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L
500-127911-2	997	Field Blank	05/05/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L
500-127911-2	997	Field Blank	05/05/2017	39180	Trichloroethene		0.5	5	0.16	ug/L
500-127911-2	997	Field Blank	05/05/2017	34488	Trichlorofluoromethane		698	3490	0.43	ug/L
500-127911-2	997	Field Blank	05/05/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L
500-127911-2	997	Field Blank	05/05/2017	81551	Xylenes, Total		400	2000	0.22	ug/L
500-127911-3	112	MW3D	05/04/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L
500-127911-3	112	MW3D	05/04/2017	81607	Tetrahydrofuran	6.5	10	50	1.9	ug/L
500-127911-4	115	MW4D	05/04/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L
500-127911-4	115	MW4D	05/04/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L
500-127911-5	117	MW5D	05/04/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L
500-127911-5	117	MW5D	05/04/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L
500-127911-6	117	MW5D DUP	05/04/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L
500-127911-6	117	MW5D DUP	05/04/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L
500-127911-7	119	MW7I	05/05/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L
500-127911-7	119	MW7I	05/05/2017	81607	Tetrahydrofuran	6.9	10	50	1.9	ug/L
500-127911-8	122	MW8I	05/05/2017	34668	Dichlorodifluoromethane		200	1000	0.67	ug/L
500-127911-8	122	MW8I	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L
500-127911-9	124	MW9S	05/05/2017	77562	1,1,1,2-Tetrachloroethane		7	70	0.46	ug/L
500-127911-9	124	MW9S	05/05/2017	34506	1,1,1-Trichloroethane		40	200	0.38	ug/L
500-127911-9	124	MW9S	05/05/2017	34516	1,1,2,2-Tetrachloroethane		0.02	0.2	0.4	ug/L
500-127911-9	124	MW9S	05/05/2017	34511	1,1,2-Trichloroethane		0.5	5	0.35	ug/L

NR 140 PAL-ES Exceedance Report
Stoughton LF - 25216022

May-17

Sample No	Well ID	Well Name	Date Sampled	Parameter	Description	RESULT	PAL	ES	LOD	Units	PAL Exceeded?	ES Exceeded?
500-127911-9	124	MW9S	05/05/2017	34496	1,1-Dichloroethane		85	850	0.41	ug/L		
500-127911-9	124	MW9S	05/05/2017	34501	1,1-Dichloroethene		0.7	7	0.39	ug/L		
500-127911-9	124	MW9S	05/05/2017	77168	1,1-Dichloropropene				0.3	ug/L		
500-127911-9	124	MW9S	05/05/2017	77613	1,2,3-Trichlorobenzene				0.46	ug/L		
500-127911-9	124	MW9S	05/05/2017	77443	1,2,3-Trichloropropane		12	60	0.41	ug/L		
500-127911-9	124	MW9S	05/05/2017	34551	1,2,4-Trichlorobenzene		14	70	0.34	ug/L		
500-127911-9	124	MW9S	05/05/2017	77222	1,2,4-Trimethylbenzene		96	480	0.36	ug/L		
500-127911-9	124	MW9S	05/05/2017	38437	1,2-Dibromo-3-Chloropropane		0.02	0.2	2	ug/L		
500-127911-9	124	MW9S	05/05/2017	77651	1,2-Dibromoethane		0.005	0.05	0.39	ug/L		
500-127911-9	124	MW9S	05/05/2017	34536	1,2-Dichlorobenzene		60	600	0.33	ug/L		
500-127911-9	124	MW9S	05/05/2017	32103	1,2-Dichloroethane		0.5	5	0.39	ug/L		
500-127911-9	124	MW9S	05/05/2017	34541	1,2-Dichloropropane		0.5	5	0.43	ug/L		
500-127911-9	124	MW9S	05/05/2017	77226	1,3,5-Trimethylbenzene		96	480	0.25	ug/L		
500-127911-9	124	MW9S	05/05/2017	34566	1,3-Dichlorobenzene		120	600	0.4	ug/L		
500-127911-9	124	MW9S	05/05/2017	77173	1,3-Dichloropropane				0.36	ug/L		
500-127911-9	124	MW9S	05/05/2017	34571	1,4-Dichlorobenzene		15	75	0.36	ug/L		
500-127911-9	124	MW9S	05/05/2017	77170	2,2-Dichloropropane				0.44	ug/L		
500-127911-9	124	MW9S	05/05/2017	77275	2-Chlorotoluene				0.31	ug/L		
500-127911-9	124	MW9S	05/05/2017	77277	4-Chlorotoluene				0.35	ug/L		
500-127911-9	124	MW9S	05/05/2017	34030	Benzene		0.5	5	0.15	ug/L		
500-127911-9	124	MW9S	05/05/2017	81555	Bromobenzene				0.36	ug/L		
500-127911-9	124	MW9S	05/05/2017	77297	Bromochloromethane				0.43	ug/L		
500-127911-9	124	MW9S	05/05/2017	32101	Bromodichloromethane		0.06	0.6	0.37	ug/L		
500-127911-9	124	MW9S	05/05/2017	32104	Bromoform		0.44	4.4	0.48	ug/L		
500-127911-9	124	MW9S	05/05/2017	34413	Bromomethane		1	10	0.8	ug/L		
500-127911-9	124	MW9S	05/05/2017	32102	Carbon tetrachloride		0.5	5	0.38	ug/L		
500-127911-9	124	MW9S	05/05/2017	34301	Chlorobenzene		20	100	0.39	ug/L		
500-127911-9	124	MW9S	05/05/2017	34311	Chloroethane		80	400	0.51	ug/L		
500-127911-9	124	MW9S	05/05/2017	32106	Chloroform		0.6	6	0.37	ug/L		
500-127911-9	124	MW9S	05/05/2017	34418	Chloromethane		3	30	0.32	ug/L		
500-127911-9	124	MW9S	05/05/2017	77093	cis-1,2-Dichloroethene		7	70	0.41	ug/L		
500-127911-9	124	MW9S	05/05/2017	34704	cis-1,3-Dichloropropene		0.04	0.4	0.42	ug/L		
500-127911-9	124	MW9S	05/05/2017	32105	Dibromochloromethane		6	60	0.49	ug/L		
500-127911-9	124	MW9S	05/05/2017	77596	Dibromomethane				0.27	ug/L		
500-127911-9	124	MW9S	05/05/2017	34668	Dichlorodifluoromethane	26	200	1000	0.67	ug/L		
500-127911-9	124	MW9S	05/05/2017	77119	Dichlorofluoromethane	30			0.38	ug/L		
500-127911-9	124	MW9S	05/05/2017	78113	Ethylbenzene		140	700	0.18	ug/L		
500-127911-9	124	MW9S	05/05/2017	34391	Hexachlorobutadiene				0.45	ug/L		
500-127911-9	124	MW9S	05/05/2017	81577	Isopropyl ether				0.28	ug/L		
500-127911-9	124	MW9S	05/05/2017	77223	Isopropylbenzene				0.39	ug/L		
500-127911-9	124	MW9S	05/05/2017	78032	Methyl tert-butyl ether		12	60	0.39	ug/L		
500-127911-9	124	MW9S	05/05/2017	34423	Methylene Chloride		0.5	5	1.6	ug/L		
500-127911-9	124	MW9S	05/05/2017	34696	Naphthalene		10	100	0.34	ug/L		
500-127911-9	124	MW9S	05/05/2017	77342	n-Butylbenzene				0.39	ug/L		
500-127911-9	124	MW9S	05/05/2017	77224	N-Propylbenzene				0.41	ug/L		
500-127911-9	124	MW9S	05/05/2017	77356	p-Isopropyltoluene				0.36	ug/L		
500-127911-9	124	MW9S	05/05/2017	77350	sec-Butylbenzene				0.4	ug/L		
500-127911-9	124	MW9S	05/05/2017	77128	Styrene		10	100	0.39	ug/L		
500-127911-9	124	MW9S	05/05/2017	77353	tert-Butylbenzene				0.4	ug/L		
500-127911-9	124	MW9S	05/05/2017	34475	Tetrachloroethene		0.5	5	0.37	ug/L		
500-127911-9	124	MW9S	05/05/2017	81607	Tetrahydrofuran		10	50	1.9	ug/L		
500-127911-9	124	MW9S	05/05/2017	34010	Toluene		160	800	0.15	ug/L		
500-127911-9	124	MW9S	05/05/2017	34546	trans-1,2-Dichloroethene		20	100	0.35	ug/L		
500-127911-9	124	MW9S	05/05/2017	34699	trans-1,3-Dichloropropene		0.04	0.4	0.36	ug/L		
500-127911-9	124	MW9S	05/05/2017	39180	Trichloroethene		0.5	5	0.16	ug/L		
500-127911-9	124	MW9S	05/05/2017	34488	Trichlorofluoromethane		698	3490	0.43	ug/L		
500-127911-9	124	MW9S	05/05/2017	39175	Vinyl chloride		0.02	0.2	0.2	ug/L		
500-127911-9	124	MW9S	05/05/2017	81551	Xylenes, Total		400	2000	0.22	ug/L		

ATTACHMENT C

Field Data Form

Job Name: Stoughton City Landfill **Job. No.** 25216022.00 **By:** Eli Sankey

SCS ENGINEERS

Location: Stoughton, Wisconsin **Project Mgr.** Leslie Busse

Notes: 2017 Annual GW Monitoring

Well No.	DNR ID	Sample Date	Time Sampled	Depth to Water	Total Depth	Volume Purged	Odor	Color	Turb.	Dissolved Oxygen (ppm)	Temp. (^{0}C)	Specific Conductivity (µs/cm)	pH
Param #	--	--	--	--	--	--	**1**	**2**	**3**		**10**	**94**	**400**
MW3S	111	5/4/2017	--	8.74	19.4								
MW3D	112	5/4/2017	1330	8.74	73	50 gal	Slight	Rust	Mod.	0.32	9.0	793	7.53
MW3B	113	5/4/2017	--	9.63	95								
MW4S	114	5/4/2017	--	6.23	15.2								
MW4D	115	5/4/2017	1440	6.14	74	50 gal	Swampy	Black	Very	0.21	8.7	878	7.37
MW5S	116	5/4/2017	--	6.22	16.6								
MW5D	117	5/4/2017	1400	6.08	77	22 gal, dry	Swampy	Black	Very	0.4	8.9	717	7.58
MW7S	118	5/5/2017	--	3.79	15.1								
MW7I	119	5/5/2017	1150	0.00	60	Artesian	N	C	N	0.11	10.1	774	7.40
MW8S	120	5/4/2017	--	0.30	33								
MW8I	122	5/5/2017	1335	0.12	62.4	220 gal	N	C	N	0.28	9.9	898	7.27
MW8B	123	5/4/2017	--	0.93	39.5								
MW9S	124	5/5/2017	1510	1.11	13.4	11 gal, dry	Y	Lt. brown	Mod.	0.24	9.3	646	7.56
MW9I	125	5/5/2017	1600	1.48	47.2	30 gal	N	C	N	0.12	9.8	626	7.44
MW9B	126	5/5/2017	1540	1.25	83.3	60 +	N	C	N	3.79	9.5	635	7.34
MW10S	127	5/5/2017	1315	3.18	16.9	4 gal, dry	Slight	Lt. gray	Very	4.14	8.0	523	7.29
MW10I	128	5/5/2017	1245	0.00	--	Artesian	N	C	N	0.32	10.0	647	7.25
MW13S	130	5/5/2017	--	3.90	16.7								

Job Name: Stoughton City Landfill **Job. No.** 25216022.00 **By:** Eli Sankey

SCS ENGINEERS

Location: Stoughton, Wisconsin **Project Mgr.** Leslie Busse

Notes: 2017 Annual GW Monitoring

Well No.	DNR ID	Sample Date	Time Sampled	Depth to Water	Total Depth	Volume Purged	Odor	Color	Turb.	Dissolved Oxygen (ppm)	Temp. (^{0}C)	Specific Conductivity (µs/cm)	pH
Param #	--	--	--	--	--	--	**1**	**2**	**3**		**10**	**94**	**400**
MW13I	131	5/5/2017	1215	0.00	--	Artesian	N	C	N	0.26	9.8	528	7.60
MW14S	133	5/5/2017	1415	2.94	26.2	8 gal, dry	Slight	Lt. brown	Mod.	1.16	9.2	321	7.68
MW14I	134	5/5/2017	1430	1.68	51.2	50 gal	N	C	N	0.11	10.3	652	7.40
MW14D	135	5/4/2017	--	1.24	89.6								
MW15S	136	5/4/2017	--	4.02	16.6								
MW15I	137	5/4/2017	--	1.57	57.4								
MW15D	138	5/4/2017	--	1.68	85.9								
MW5D DUP	--	5/4/2017	1100	--	--	--	--	--	--		--	--	--
MW9I DUP	--	5/4/2017	1250	--	--	--	--	--	--		--	--	--
Trip Blank	999	5/4/2017	800	--	--	--	--	--	--		--	--	--
Field Blank	997	5/4/2017	1530	--	--	--	--	--	--		--	--	--

Comments: Purge water from MW9I was containerized and disposed of at MMSD.