

SCS ENGINEERS

October 4, 2018
File No. 25211343.92

Mr. Howard Crofoot
City of Platteville
75 North Bonson Street
Platteville, WI 53818

Subject: Groundwater Monitoring Results for Wells on City Property (Property)
Platteville Cleaners, WDNR BRRTS No. 02-22-550753

Dear Mr. Crofoot:

On behalf of Platteville Cleaners, SCS Engineers (SCS) is providing recent groundwater monitoring results for Platteville Cleaners monitoring wells located on the above-noted City of Platteville Property and right-of-way (MW2, MW3, MW4, MW4P, MW5R, MW6R, and MW6PR). Monitoring well locations are shown on **Figure 1**.

The sampling results indicate that volatile organic compounds (VOCs) are present in groundwater in excess of regulatory standards; however, there are no water supply wells on or near the Property, so VOCs do not appear to present a drinking water health risk. It is anticipated that natural processes will decrease groundwater VOC concentrations over time.

BACKGROUND

The monitoring wells were installed on the Property consistent with Access Agreements between the City and Platteville Cleaners. The wells were installed to evaluate groundwater quality related to a historic release of tetrachloroethylene (PCE) solvent, which occurred at Platteville Cleaners, located at 250 West Main Street. Platteville Cleaners is working with the Wisconsin Department of Natural Resources (WDNR) to address remaining impacts.

Samples were collected from the wells in September 2018 and were submitted to a state-certified laboratory for analysis of VOCs.

FINDINGS

The groundwater sample laboratory report is included in **Attachment A**. The September 2018 results, historic results, and applicable regulatory standards are summarized in **Table 1**.

The sample results show that VOCs are present in groundwater on the Property at a concentration in excess of the WDNR's enforcement standard for drinking water. Historic results indicate that the VOC concentrations in groundwater at the Property are relatively stable or have decreased with time.



The findings do not appear to present a drinking water health risk since there are no potable wells on or near the property. It is anticipated that natural processes will reduce the VOC concentrations over time.

CONTACT INFORMATION

If you have any questions concerning the sampling results feel free to contact SCS or the WDNR. Contact information is provided below:

Robert Langdon, SCS Engineers
2830 Dairy Drive
Madison, WI 53718
(608) 216-7329

Jeff Ackerman, Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
(608) 275-3323

Sincerely,



Robert Langdon
Senior Project Manager
SCS ENGINEERS



Mark R. Huber, PE
Project Director
SCS ENGINEERS

REL/lmh/MRH

cc: Jeff Ackerman, WDNR
Tim Koeller, Platteville Cleaners

Attachments: Table 1 – Groundwater Analytical Results Summary
Figure 1 – Site Plan
Attachment A – Laboratory Report

TABLE 1

Groundwater Analytical Results Summary

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW1	3/31/2009	–	<0.20	<0.50	<0.50	0.84 J	49	<0.20	<0.20	<0.50	<0.50	ND
	6/30/2009	(1)	<0.20	<0.50	<0.50	<0.50	64	<0.20	<0.20	<0.50	<0.50	ND
	5/17/2010	–	<2.00	<4.00	<6.00	<5.00	42.5	<3.00	<2.00	<4.00	<5.00	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	15	<0.20	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	0.53 J3	26	<0.20	<0.20	<0.50	<0.50	Chloromethane 0.45 J3
	12/1/2011	–	<0.20	<0.50	<0.50	0.51 J3	13	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<10	<10	<30	<10	410 D	<10	<10	<10	<10	ND
	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	35	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	58	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	510	0.22 J3	<0.20	<0.41	<0.35	ND
MW2	3/31/2009	–	<0.20	<0.50	<0.50	<0.50	1,700	170	<0.20	6.4	<0.50	ND
	6/30/2009	(1)	<6.4	<16	<16	<16	3,200	73	<6.4	<16	<16	ND
	5/17/2010	–	<20.0	<40.0	<60.0	<50.0	2,360	<40.0	<20.0	<40.0	<50.0	ND
	9/23/2010	–	<5.0	<13	<13	<13	1,900	12 J	<5.0	<13	<13	Naphthalene 8.8 J
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	2,900	30	<0.20	6.0	<0.50	ND
	12/1/2011	–	<8.0	<20	<20	<20	3,000	40 J3	<8.0	<20	<20	ND
	4/30/2013	–	<25	<25	<75	<25	1,100 D	70 D	<25	<25	<25	ND
	4/24/2017	(2)(3)	<1.5	<1.5	<2.2	<3.9	2,500	200	<2.0	18	<3.5	ND
	6/7/2018	(4)	<1.5	<1.5	<2.2	<3.9	3,200	75	<2.0	15	<3.5	ND
9/11/2018	(6)	<0.73	<0.76	<1.1	<2.0	1,400	57	<1.0	5.6	<1.7	ND	

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Platteville Cleaners / SCS Project #25211343.92
(Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW3	3/31/2009	-	<0.20	<0.50	<0.50	0.50 J	2,700	11 J	<0.20	2.9	<0.50	ND
	6/30/2009	-	<10	<25	<25	<25	2,700	10 J	<10	<25	<25	ND
	5/17/2010	-	<20.0	<40.0	<60.0	<50.0	2,700	<40.0	<20.0	<40.0	<50.0	ND
	9/23/2010	-	<5.0	<13	<13	<13	1,800	5.3 J	<5.0	<13	<13	ND
	8/9/2011	-	<3.2	<8.0	<8.0	<8.0	1,600	4.6 J3	<3.2	<8.0	<8.0	ND
	12/1/2011	-	<4.0	<10	<10	<10	1,300	<4.0	<4.0	<10	<10	ND
	4/30/2013	-	<10	<10	<30	<10	660 D	<10	<10	<10	<10	ND
	4/24/2017	(2)(3)	<2.9	<3.0	<4.4	<7.9	4,700	14	<4.1	13 J	<7.0	ND
	6/7/2018	(4)	<0.73	<0.76	<1.1	<2.0	2,700	7.8	<1.0	5.6	<1.7	ND
	9/11/2018	(6)	<1.5	<1.5	<2.2	<3.9	2,700	<1.6	<2.0	5.8 J3	<3.5	ND
MW4	5/17/2010	-	<0.20	0.47 J2	<0.60	<0.50	<u>0.74</u> J2	<0.40	<0.20	<0.40	<0.50	Ethylbenzene 0.28 J2
	9/23/2010	-	<0.20	<0.50	<0.50	<0.50	48	0.31 J	<0.20	<0.50	<0.50	ND
	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	<u>2.3</u>	<0.20	<0.20	<0.50	<0.50	ND
	12/1/2011	-	<0.20	<0.50	<0.50	<0.50	14	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	-	<0.50	<0.50	<1.50	<0.50	11	<0.50	<0.50	<0.50	<0.50	n-Hexane 0.65
	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	<u>1.2</u>	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>3.7</u>	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<u>2.5</u>	<0.16	<0.20	<0.41	<0.35	ND

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Platteville Cleaners / SCS Project #25211343.92
(Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW4P	5/17/2010	–	<0.20	<0.40	<0.60	0.61 J2	<0.30	<0.40	<0.20	<0.40	<0.50	ND
	9/23/2010	–	<0.20	<0.50	<0.50	0.57 J	<0.50	<0.20	<0.20	<0.50	<0.50	Chloroform 0.29 J
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	Chloromethane 0.46 J3
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<u>1.2</u> J3	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<0.50	<0.50	<1.50	<0.50	<u>0.57</u>	<0.50	<0.50	<0.50	<0.50	ND
	4/24/2017	–	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>4.4</u>	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<u>0.59</u> J3	<0.16	<0.20	<0.41	<0.35	Chloroform 1.2 J3
MW5	5/17/2010	–	<0.20	<0.40	<0.60	<0.50	<0.30	<0.40	<0.20	<0.40	<0.50	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW5R	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	<u>7.9</u>	<u>1.6</u>	<0.20	1.2	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>28</u>	<u>5.8</u>	<0.20	2.0	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<u>27</u>	<u>11</u>	<0.20	4.6	<0.35	ND
	9/11/2018 (Dup)	(6)	<0.15	<0.15	<0.22	<0.39	<u>30</u>	<u>12</u>	<0.20	5.4	<0.35	ND
MW6	5/17/2010	–	<2.00	<4.00	<6.00	<5.00	<u>55</u>	<4.00	<2.00	<4.00	<5.00	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	<u>59</u>	0.41 J	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<u>110</u>	<u>0.81</u> J3	<0.20	<0.50	<0.50	ND
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<u>93</u>	<u>0.80</u> J3	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<2.5	<2.5	<7.5	<2.5	<u>92</u> D	<2.5	<2.5	<2.5	<2.5	ND

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 (Results are in µg/L)

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MW6P	5/17/2010	-	<2.00	<4.00	<6.00	<5.00	74.3	5.26 J2	<2.00	<4.00	<5.00	ND
	9/23/2010	-	<0.40	<1.0	<1.0	<1.0	110	6.1	<0.40	<1.0	<1.0	ND
	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	18	<u>0.92</u> J3	<0.20	<0.50	<0.50	Chloromethane 0.33 J3
	12/1/2011	-	<u>0.71</u> J3	<0.50	<0.50	<0.50	9.5	0.47 J3	<0.20	<0.50	<0.50	Bromoform 1.2 J3
	4/30/2013	-	<2.5	<2.5	<7.5	<2.5	200 D	12 D	<2.5	<2.5	<2.5	ND
MW6PR	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	40	<u>1.1</u>	<0.20	<0.41	<0.35	ND
	6/7/2018 (Dup)	(4)	<0.15	0.25 J3	<0.22	<0.39	41	<u>1.1</u>	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	17	0.47 J3	<0.20	<0.41	<0.35	ND
MW6R	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	33	0.36 J3	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	28	0.30 J3	<0.20	<0.41	<0.35	ND
MW7	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	20	<0.20	<0.20	<0.50	<0.50	Chloromethane 0.37 J3
	12/1/2011	-	<0.20	<0.50	<0.50	<0.50	9.1	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	-	<0.50	<0.50	<1.50	<0.50	7.6	<0.50	<0.50	<0.50	<0.50	ND
	4/24/2017	-	<0.15	<0.15	<0.22	<0.39	12	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>2.6</u>	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	0.47 J3	<0.16	<0.20	<0.41	<0.35	ND

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Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW7P	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	12	0.22 J3	<0.20	<0.50	<0.50	ND
	12/1/2011	–	37	7.3	2.0 J3	<0.50	8.2	<0.20	0.48 J3	<0.50	<0.50	Bromomethane 0.70 J3 Chloroform 0.39 J3 Ethylbenzene 1.1 J3 Isopropylbenzene 0.47 J3 p-Isopropyltoluene 0.77 J3 Naphthalene 0.95 J3 Styrene 1.2 J3 1,3,5 TMB 0.33 J3
	4/30/2013	–	<0.50	<0.50	<1.50	<0.50	20	<i>0.54</i>	<0.50	<0.50	<0.50	ND
	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	<i>0.5</i> J	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)(5)	<0.15	<0.15	<0.22	<0.39	11	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)(7)	<0.15	<0.15	<0.22	<0.39	6.3	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND
Trip Blank	3/31/2009	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	6/30/2009	(1)	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	5/17/2010	–	<0.20	<0.40	<0.60	<0.50	<0.30	<0.40	<0.20	<0.40	<0.50	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/24/2017	–	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	Methylene Chloride 5.2 cn
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND

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 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs	
NR 140 Enforcement Standards (ES)			5	800	2,000	60	5	5	0.2	70	100	Bromomethane	10
												Chloroform	6
												Chloromethane	30
												Ethylbenzene	700
												n-Hexane	600
												Naphthalene	100
												Styrene	100
												TMBs	480
NR 140 Preventive Action Limits (PAL)			0.5	160	400	12	0.5	0.5	0.02	7	20	Bromomethane	1
												Chloroform	0.6
												Chloromethane	3
												Ethylbenzene	140
												n-Hexane	120
												Naphthalene	10
												Styrene	10
												TMBs	96

**Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92**

Abbreviations:

µg/L = micrograms per liter or parts per billion (ppb)

VC = Vinyl Chloride

-- = Not Applicable

MTBE = Methyl-tert-butyl ether

DCE = Dichloroethene

ND = Not Detected

PCE = Tetrachloroethene

TMB = Trimethylbenzene

TCE = Trichloroethene

VOCs = Volatile Organic Compounds

Notes:

NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards

NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards

As of the December 2010 ch. NR 140 Wisconsin Administrative Code, eff. 1-1-11, the ESs and PALs have changed for Toluene and Xylenes. The previous standards were:

Toluene 1,000 ES/200 PAL; Xylenes 10,000 ES/1,000 PAL.

Bold values meet or exceed NR 140 enforcement standards.

Italic values meet or exceed NR 140 preventive action limits.

Laboratory Notes/Qualifiers:

cn = Method(s) 8260B: The following sample detected Methylene Chloride above the reporting limit: Trip Blank (500-127088-9). The method blank 383264 associated with this sample did not detect Methylene Chloride. Since Methylene Chloride is a known lab contaminant and the results are just above the reporting limit; the results have been flagged with a "cn" flag to denote the probable lab contamination.

D = Data reported from a dilution.

J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

J2 = Estimated concentration below laboratory quantitation level.

J3 = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

(1) Naphthalene analysis - Analyte was detected in the associated Method Blank.

(2) Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-3 (500-127088-6) and MW-2 (500-127088-7). Elevated reporting limits (RLs) are provided.

(3) Method(s) 8260B: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). The pH, however, was outside the required criteria when verified by the laboratory: MW4 (500-127088-1), MW-7P (500-127088-3), MW-5R (500-127088-5), MW-3 (500-127088-6), MW-2 (500-127088-7), and MW-1 (500-127088-8). The sample was analyzed within 7 days per EPA recommendation, therefore no further corrective action was needed.

(4) 1,2,4-Trichlorobenzene: * = LCS or LCSD is outside acceptance limits.

(5) Naphthalene: F1 = MS and/or MSD Recovery is outside acceptance limits

(6) Bromomethane = LCS or LCSD is outside acceptance limits.

(7) Bromomethane = MS and/or MSD Recovery is outside acceptance limits.

Created by: TLR Date: 4/9/2009

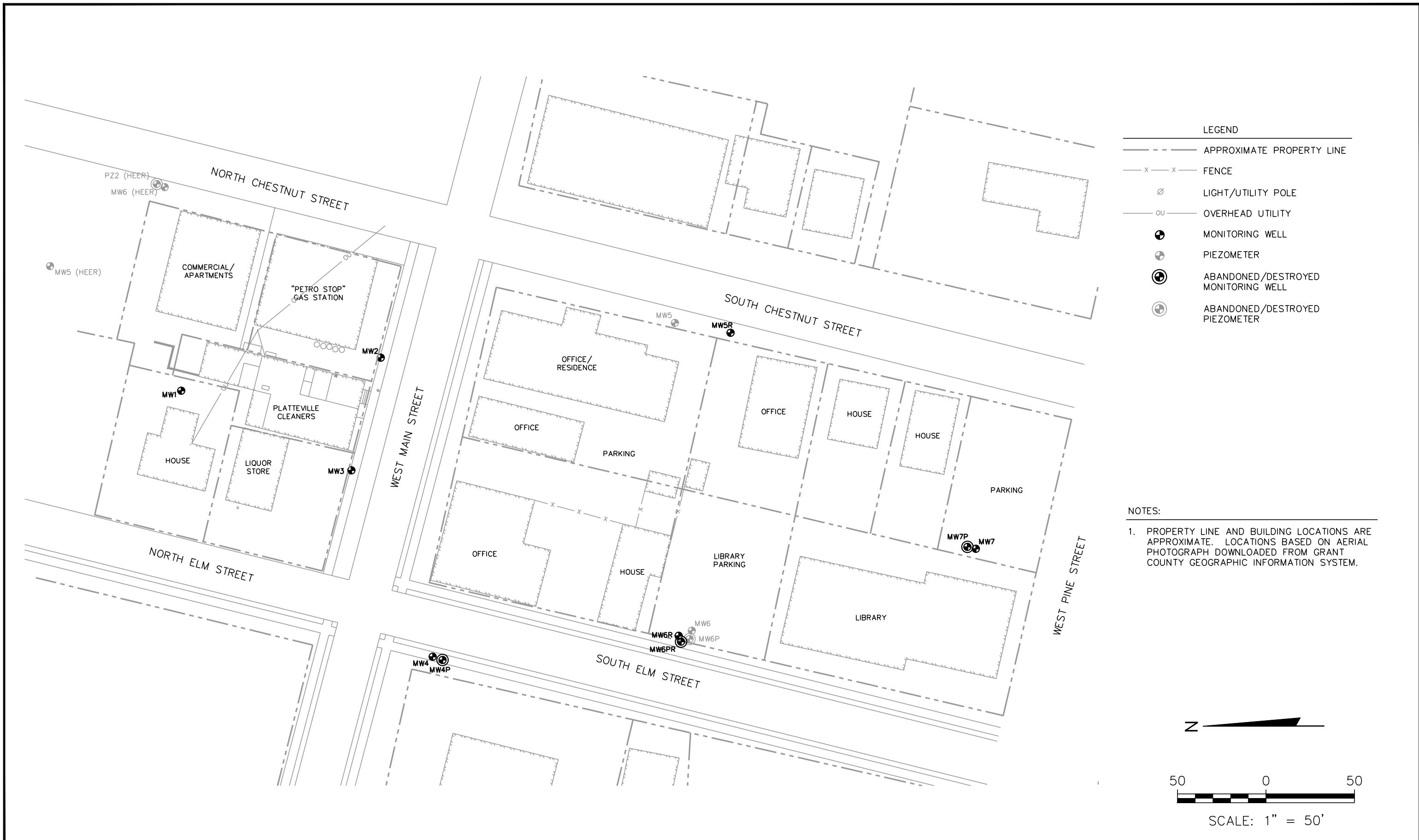
Last revision by: JSN Date: 10/1/2018

Checked by: AJR Date: 10/1/2018

I:\3439A\Correspondence-Other\2018 GW Monitoring Results\City\September 2018\[Table 1_Groundwater Analytical Results Summary.xls]Notes-Lab Notes

FIGURE 1

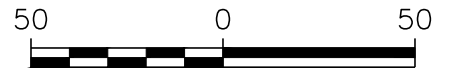
Site Plan



LEGEND

	APPROXIMATE PROPERTY LINE
	FENCE
	LIGHT/UTILITY POLE
	OVERHEAD UTILITY
	MONITORING WELL
	PIEZOMETER
	ABANDONED/DESTROYED MONITORING WELL
	ABANDONED/DESTROYED PIEZOMETER

NOTES:
 1. PROPERTY LINE AND BUILDING LOCATIONS ARE APPROXIMATE. LOCATIONS BASED ON AERIAL PHOTOGRAPH DOWNLOADED FROM GRANT COUNTY GEOGRAPHIC INFORMATION SYSTEM.



SCALE: 1" = 50'

PROJECT NO. 25211343.91	DRAWN BY: KP/BJM	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN	SITE PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN	FIGURE 1
DRAWN: 06/18/18	CHECKED BY: REL				
REVISD: 07/05/18	APPROVED BY: REL 07/05/18				

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ATTACHMENT A

Laboratory 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: 500-151388-1
Client Project/Site: Platteville Cleaners - 25211343.92

For:
SCS Engineers
2830 Dairy Dr
Madison, Wisconsin 53718

Attn: Mr. Robert Langdon



Authorized for release by:
9/25/2018 1:17:18 PM

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

LINKS

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results through
TotalAccess

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Job ID: 500-151388-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-151388-1

Comments

No additional comments.

Receipt

The samples were received on 9/13/2018 9:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.9° C.

Receipt Exceptions

One or more containers for the following sample was received broken or leaking: MW-3 (500-151388-3). Sample #3 had 1 out of the 3 vials sent to lab broke in transit.

GC/MS VOA

The continuing calibration verification (CCV) and laboratory control sample (LCS) associated with batch 450382 recovered above the upper control limit for Bromomethnae. The samples associated with this CCV and LCS were non-detects for the affected analytes; therefore, the data have been reported.

The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2 (500-151388-2) and MW-3 (500-151388-3). Elevated reporting limits (RLs) are provided.

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: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1

Lab Sample ID: 500-151388-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.22	J	0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	510		10	3.7	ug/L	10		8260B	Total/NA

Client Sample ID: MW-2

Lab Sample ID: 500-151388-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.6		5.0	2.0	ug/L	5		8260B	Total/NA
Trichloroethene	57		2.5	0.82	ug/L	5		8260B	Total/NA
Tetrachloroethene - DL	1400		50	19	ug/L	50		8260B	Total/NA

Client Sample ID: MW-3

Lab Sample ID: 500-151388-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.8	J	10	4.1	ug/L	10		8260B	Total/NA
Tetrachloroethene - DL	2700		100	37	ug/L	100		8260B	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 500-151388-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.5		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-4P

Lab Sample ID: 500-151388-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J	2.0	0.37	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.59	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5R

Lab Sample ID: 500-151388-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.6		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	27		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	11		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5R Dup

Lab Sample ID: 500-151388-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.4		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	30		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	12		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6R

Lab Sample ID: 500-151388-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	28		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.30	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6PR

Lab Sample ID: 500-151388-9

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6PR (Continued)

Lab Sample ID: 500-151388-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	17		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.47	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-151388-10

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 500-151388-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.47	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-7P

Lab Sample ID: 500-151388-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.3		1.0	0.37	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
5030B	Purge and Trap	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: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-151388-1	MW-1	Ground Water	09/11/18 10:10	09/13/18 09:10
500-151388-2	MW-2	Ground Water	09/11/18 10:40	09/13/18 09:10
500-151388-3	MW-3	Ground Water	09/11/18 11:00	09/13/18 09:10
500-151388-4	MW-4	Ground Water	09/11/18 12:15	09/13/18 09:10
500-151388-5	MW-4P	Ground Water	09/11/18 12:05	09/13/18 09:10
500-151388-6	MW-5R	Ground Water	09/11/18 12:25	09/13/18 09:10
500-151388-7	MW-5R Dup	Ground Water	09/11/18 12:25	09/13/18 09:10
500-151388-8	MW-6R	Ground Water	09/11/18 13:15	09/13/18 09:10
500-151388-9	MW-6PR	Ground Water	09/11/18 13:20	09/13/18 09:10
500-151388-10	Trip Blank	Water	09/11/18 00:00	09/13/18 09:10
500-151388-11	MW-7	Ground Water	09/11/18 14:50	09/13/18 09:10
500-151388-12	MW-7P	Ground Water	09/11/18 14:55	09/13/18 09:10

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1
Date Collected: 09/11/18 10:10
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 12:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 12:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 12:11	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 12:11	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 12:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 12:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 12:11	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 12:11	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 12:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 12:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 12:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 12:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 12:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 12:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 12:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 12:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 12:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 12:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 12:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 12:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 12:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 12:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 12:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 12:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 12:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 12:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 12:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 12:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 12:11	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1
Date Collected: 09/11/18 10:10
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 12:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 12:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 12:11	1
Trichloroethene	0.22	J	0.50	0.16	ug/L			09/18/18 12:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 12:11	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 12:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 12:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 12:11	1
Dibromofluoromethane	80		75 - 120		09/18/18 12:11	1
1,2-Dichloroethane-d4 (Surr)	86		75 - 126		09/18/18 12:11	1
Toluene-d8 (Surr)	96		75 - 120		09/18/18 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	510		10	3.7	ug/L			09/18/18 12:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 12:36	10
Dibromofluoromethane	80		75 - 120		09/18/18 12:36	10
1,2-Dichloroethane-d4 (Surr)	88		75 - 126		09/18/18 12:36	10
Toluene-d8 (Surr)	94		75 - 120		09/18/18 12:36	10

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.73		2.5	0.73	ug/L			09/18/18 13:02	5
Bromobenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
Bromochloromethane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
Bromodichloromethane	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Bromoform	<2.4		5.0	2.4	ug/L			09/18/18 13:02	5
Bromomethane	<4.0 *		10	4.0	ug/L			09/18/18 13:02	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Chlorobenzene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Chloroethane	<2.5		5.0	2.5	ug/L			09/18/18 13:02	5
Chloroform	<1.9		10	1.9	ug/L			09/18/18 13:02	5
Chloromethane	<1.6		5.0	1.6	ug/L			09/18/18 13:02	5
2-Chlorotoluene	<1.6		5.0	1.6	ug/L			09/18/18 13:02	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
cis-1,2-Dichloroethene	5.6		5.0	2.0	ug/L			09/18/18 13:02	5
cis-1,3-Dichloropropene	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
Dibromochloromethane	<2.4		5.0	2.4	ug/L			09/18/18 13:02	5
1,2-Dibromo-3-Chloropropane	<10		25	10	ug/L			09/18/18 13:02	5

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Dibromomethane	<1.4		5.0	1.4	ug/L			09/18/18 13:02	5
1,2-Dichlorobenzene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,4-Dichlorobenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
Dichlorodifluoromethane	<3.4		10	3.4	ug/L			09/18/18 13:02	5
1,1-Dichloroethane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,2-Dichloropropane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,3-Dichloropropane	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
2,2-Dichloropropane	<2.2		5.0	2.2	ug/L			09/18/18 13:02	5
1,1-Dichloropropene	<1.5		5.0	1.5	ug/L			09/18/18 13:02	5
Ethylbenzene	<0.92		2.5	0.92	ug/L			09/18/18 13:02	5
Hexachlorobutadiene	<2.2		5.0	2.2	ug/L			09/18/18 13:02	5
Isopropylbenzene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Isopropyl ether	<1.4		5.0	1.4	ug/L			09/18/18 13:02	5
Methylene Chloride	<8.2		25	8.2	ug/L			09/18/18 13:02	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
Naphthalene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
n-Butylbenzene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
N-Propylbenzene	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
p-Isopropyltoluene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
sec-Butylbenzene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
Styrene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
tert-Butylbenzene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,1,1,2-Tetrachloroethane	<2.3		5.0	2.3	ug/L			09/18/18 13:02	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
Toluene	<0.76		2.5	0.76	ug/L			09/18/18 13:02	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
trans-1,3-Dichloropropene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
1,2,3-Trichlorobenzene	<2.3		5.0	2.3	ug/L			09/18/18 13:02	5
1,2,4-Trichlorobenzene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
Trichloroethene	57		2.5	0.82	ug/L			09/18/18 13:02	5
Trichlorofluoromethane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,2,3-Trichloropropane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,2,4-Trimethylbenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
1,3,5-Trimethylbenzene	<1.3		5.0	1.3	ug/L			09/18/18 13:02	5
Vinyl chloride	<1.0		5.0	1.0	ug/L			09/18/18 13:02	5
Xylenes, Total	<1.1		5.0	1.1	ug/L			09/18/18 13:02	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 13:02	5
Dibromofluoromethane	81		75 - 120		09/18/18 13:02	5
1,2-Dichloroethane-d4 (Surr)	87		75 - 126		09/18/18 13:02	5
Toluene-d8 (Surr)	95		75 - 120		09/18/18 13:02	5

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-2

Date Collected: 09/11/18 10:40

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1400		50	19	ug/L			09/18/18 13:27	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					09/18/18 13:27	50
Dibromofluoromethane	83		75 - 120					09/18/18 13:27	50
1,2-Dichloroethane-d4 (Surr)	90		75 - 126					09/18/18 13:27	50
Toluene-d8 (Surr)	95		75 - 120					09/18/18 13:27	50

Client Sample ID: MW-3

Date Collected: 09/11/18 11:00

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-3

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.5		5.0	1.5	ug/L			09/18/18 13:53	10
Bromobenzene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
Bromochloromethane	<4.3		10	4.3	ug/L			09/18/18 13:53	10
Bromodichloromethane	<3.7		10	3.7	ug/L			09/18/18 13:53	10
Bromoform	<4.8		10	4.8	ug/L			09/18/18 13:53	10
Bromomethane	<8.0 *		20	8.0	ug/L			09/18/18 13:53	10
Carbon tetrachloride	<3.8		10	3.8	ug/L			09/18/18 13:53	10
Chlorobenzene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
Chloroethane	<5.1		10	5.1	ug/L			09/18/18 13:53	10
Chloroform	<3.7		20	3.7	ug/L			09/18/18 13:53	10
Chloromethane	<3.2		10	3.2	ug/L			09/18/18 13:53	10
2-Chlorotoluene	<3.1		10	3.1	ug/L			09/18/18 13:53	10
4-Chlorotoluene	<3.5		10	3.5	ug/L			09/18/18 13:53	10
cis-1,2-Dichloroethene	5.8 J		10	4.1	ug/L			09/18/18 13:53	10
cis-1,3-Dichloropropene	<4.2		10	4.2	ug/L			09/18/18 13:53	10
Dibromochloromethane	<4.9		10	4.9	ug/L			09/18/18 13:53	10
1,2-Dibromo-3-Chloropropane	<20		50	20	ug/L			09/18/18 13:53	10
1,2-Dibromoethane	<3.9		10	3.9	ug/L			09/18/18 13:53	10
Dibromomethane	<2.7		10	2.7	ug/L			09/18/18 13:53	10
1,2-Dichlorobenzene	<3.3		10	3.3	ug/L			09/18/18 13:53	10
1,3-Dichlorobenzene	<4.0		10	4.0	ug/L			09/18/18 13:53	10
1,4-Dichlorobenzene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
Dichlorodifluoromethane	<6.7		20	6.7	ug/L			09/18/18 13:53	10
1,1-Dichloroethane	<4.1		10	4.1	ug/L			09/18/18 13:53	10
1,2-Dichloroethane	<3.9		10	3.9	ug/L			09/18/18 13:53	10
1,1-Dichloroethene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
1,2-Dichloropropane	<4.3		10	4.3	ug/L			09/18/18 13:53	10
1,3-Dichloropropane	<3.6		10	3.6	ug/L			09/18/18 13:53	10
2,2-Dichloropropane	<4.4		10	4.4	ug/L			09/18/18 13:53	10
1,1-Dichloropropene	<3.0		10	3.0	ug/L			09/18/18 13:53	10
Ethylbenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:53	10
Hexachlorobutadiene	<4.5		10	4.5	ug/L			09/18/18 13:53	10
Isopropylbenzene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
Isopropyl ether	<2.8		10	2.8	ug/L			09/18/18 13:53	10
Methylene Chloride	<16		50	16	ug/L			09/18/18 13:53	10
Methyl tert-butyl ether	<3.9		10	3.9	ug/L			09/18/18 13:53	10

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-3
Date Collected: 09/11/18 11:00
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<3.4		10	3.4	ug/L			09/18/18 13:53	10
n-Butylbenzene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
N-Propylbenzene	<4.1		10	4.1	ug/L			09/18/18 13:53	10
p-Isopropyltoluene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
sec-Butylbenzene	<4.0		10	4.0	ug/L			09/18/18 13:53	10
Styrene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
tert-Butylbenzene	<4.0		10	4.0	ug/L			09/18/18 13:53	10
1,1,1,2-Tetrachloroethane	<4.6		10	4.6	ug/L			09/18/18 13:53	10
1,1,1,2,2-Tetrachloroethane	<4.0		10	4.0	ug/L			09/18/18 13:53	10
Toluene	<1.5		5.0	1.5	ug/L			09/18/18 13:53	10
trans-1,2-Dichloroethene	<3.5		10	3.5	ug/L			09/18/18 13:53	10
trans-1,3-Dichloropropene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
1,2,3-Trichlorobenzene	<4.6		10	4.6	ug/L			09/18/18 13:53	10
1,2,4-Trichlorobenzene	<3.4		10	3.4	ug/L			09/18/18 13:53	10
1,1,1-Trichloroethane	<3.8		10	3.8	ug/L			09/18/18 13:53	10
1,1,2-Trichloroethane	<3.5		10	3.5	ug/L			09/18/18 13:53	10
Trichloroethene	<1.6		5.0	1.6	ug/L			09/18/18 13:53	10
Trichlorofluoromethane	<4.3		10	4.3	ug/L			09/18/18 13:53	10
1,2,3-Trichloropropane	<4.1		10	4.1	ug/L			09/18/18 13:53	10
1,2,4-Trimethylbenzene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
1,3,5-Trimethylbenzene	<2.5		10	2.5	ug/L			09/18/18 13:53	10
Vinyl chloride	<2.0		10	2.0	ug/L			09/18/18 13:53	10
Xylenes, Total	<2.2		10	2.2	ug/L			09/18/18 13:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 13:53	10
Dibromofluoromethane	84		75 - 120		09/18/18 13:53	10
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		09/18/18 13:53	10
Toluene-d8 (Surr)	94		75 - 120		09/18/18 13:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	2700		100	37	ug/L			09/18/18 14:18	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 14:18	100
Dibromofluoromethane	83		75 - 120		09/18/18 14:18	100
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		09/18/18 14:18	100
Toluene-d8 (Surr)	93		75 - 120		09/18/18 14:18	100

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 14:43	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 14:43	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 14:43	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 14:43	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 14:43	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 14:43	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 14:43	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 14:43	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 14:43	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 14:43	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 14:43	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 14:43	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 14:43	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 14:43	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 14:43	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 14:43	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 14:43	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 14:43	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 14:43	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 14:43	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 14:43	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 14:43	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 14:43	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 14:43	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 14:43	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 14:43	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
Tetrachloroethene	2.5		1.0	0.37	ug/L			09/18/18 14:43	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 14:43	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 14:43	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 14:43	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 14:43	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 14:43	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 14:43	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 14:43	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 14:43	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 14:43	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 14:43	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 14:43	1
Dibromofluoromethane	83		75 - 120		09/18/18 14:43	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		09/18/18 14:43	1
Toluene-d8 (Surr)	92		75 - 120		09/18/18 14:43	1

Client Sample ID: MW-4P
Date Collected: 09/11/18 12:05
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-5
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 15:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:08	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 15:08	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 15:08	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 15:08	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 15:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 15:08	1
Chloroform	1.2	J	2.0	0.37	ug/L			09/18/18 15:08	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 15:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 15:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 15:08	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 15:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 15:08	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 15:08	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 15:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 15:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 15:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 15:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 15:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 15:08	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-4P

Date Collected: 09/11/18 12:05

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 15:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 15:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 15:08	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 15:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 15:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 15:08	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
Tetrachloroethene	0.59	J	1.0	0.37	ug/L			09/18/18 15:08	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 15:08	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 15:08	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 15:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 15:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 15:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 15:08	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 15:08	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:08	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 15:08	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 15:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 15:08	1
Dibromofluoromethane	84		75 - 120		09/18/18 15:08	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		09/18/18 15:08	1
Toluene-d8 (Surr)	92		75 - 120		09/18/18 15:08	1

Client Sample ID: MW-5R

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 15:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 15:34	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 15:34	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 15:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 15:34	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 15:34	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 15:34	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 15:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 15:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 15:34	1
cis-1,2-Dichloroethene	4.6		1.0	0.41	ug/L			09/18/18 15:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 15:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 15:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 15:34	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 15:34	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 15:34	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 15:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 15:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 15:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 15:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 15:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 15:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 15:34	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 15:34	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 15:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 15:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 15:34	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 15:34	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
Tetrachloroethene	27		1.0	0.37	ug/L			09/18/18 15:34	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 15:34	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 15:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 15:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 15:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 15:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 15:34	1
Trichloroethene	11		0.50	0.16	ug/L			09/18/18 15:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:34	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 15:34	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 15:34	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 15:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					09/18/18 15:34	1
Dibromofluoromethane	85		75 - 120					09/18/18 15:34	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					09/18/18 15:34	1
Toluene-d8 (Surr)	93		75 - 120					09/18/18 15:34	1

Client Sample ID: MW-5R Dup

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-7

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 15:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 15:59	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 15:59	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 15:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 15:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 15:59	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 15:59	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 15:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 15:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 15:59	1
cis-1,2-Dichloroethene	5.4		1.0	0.41	ug/L			09/18/18 15:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 15:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 15:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 15:59	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 15:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 15:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 15:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 15:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 15:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 15:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 15:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 15:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 15:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R Dup

Lab Sample ID: 500-151388-7

Date Collected: 09/11/18 12:25

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 15:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 15:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 15:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 15:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 15:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
Tetrachloroethene	30		1.0	0.37	ug/L			09/18/18 15:59	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 15:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 15:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 15:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 15:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 15:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 15:59	1
Trichloroethene	12		0.50	0.16	ug/L			09/18/18 15:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:59	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 15:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 15:59	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 15:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		09/18/18 15:59	1
Dibromofluoromethane	85		75 - 120		09/18/18 15:59	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126		09/18/18 15:59	1
Toluene-d8 (Surr)	94		75 - 120		09/18/18 15:59	1

Client Sample ID: MW-6R

Lab Sample ID: 500-151388-8

Date Collected: 09/11/18 13:15

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 16:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 16:25	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 16:25	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 16:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 16:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 16:25	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 16:25	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6R

Lab Sample ID: 500-151388-8

Date Collected: 09/11/18 13:15

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 16:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 16:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 16:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 16:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 16:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 16:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 16:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 16:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 16:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 16:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 16:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 16:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 16:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 16:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 16:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 16:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 16:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 16:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
Tetrachloroethene	28		1.0	0.37	ug/L			09/18/18 16:25	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 16:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 16:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 16:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 16:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 16:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 16:25	1
Trichloroethene	0.30 J		0.50	0.16	ug/L			09/18/18 16:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:25	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 16:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 16:25	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6R

Date Collected: 09/11/18 13:15

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-8

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					09/18/18 16:25	1
Dibromofluoromethane	86		75 - 120					09/18/18 16:25	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					09/18/18 16:25	1
Toluene-d8 (Surr)	93		75 - 120					09/18/18 16:25	1

Client Sample ID: MW-6PR

Date Collected: 09/11/18 13:20

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-9

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 16:50	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 16:50	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 16:50	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 16:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 16:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 16:50	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 16:50	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 16:50	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 16:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 16:50	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 16:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 16:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 16:50	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 16:50	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 16:50	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 16:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 16:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 16:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 16:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 16:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 16:50	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 16:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 16:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6PR

Lab Sample ID: 500-151388-9

Date Collected: 09/11/18 13:20

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 16:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 16:50	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
Tetrachloroethene	17		1.0	0.37	ug/L			09/18/18 16:50	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 16:50	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 16:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 16:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 16:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 16:50	1
1,1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 16:50	1
Trichloroethene	0.47 J		0.50	0.16	ug/L			09/18/18 16:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:50	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 16:50	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 16:50	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		09/18/18 16:50	1
Dibromofluoromethane	87		75 - 120		09/18/18 16:50	1
1,2-Dichloroethane-d4 (Surr)	96		75 - 126		09/18/18 16:50	1
Toluene-d8 (Surr)	93		75 - 120		09/18/18 16:50	1

Client Sample ID: Trip Blank

Lab Sample ID: 500-151388-10

Date Collected: 09/11/18 00:00

Matrix: Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 17:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 17:15	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 17:15	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 17:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 17:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 17:15	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 17:15	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 17:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 17:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 17:15	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-151388-10

Date Collected: 09/11/18 00:00

Matrix: Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 17:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 17:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 17:15	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 17:15	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 17:15	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 17:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 17:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 17:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 17:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 17:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 17:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 17:15	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 17:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 17:15	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 17:15	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/18/18 17:15	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 17:15	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 17:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 17:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 17:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 17:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 17:15	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 17:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:15	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 17:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 17:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 17:15	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: Trip Blank

Date Collected: 09/11/18 00:00

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-10

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	88		75 - 120		09/18/18 17:15	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		09/18/18 17:15	1
Toluene-d8 (Surr)	90		75 - 120		09/18/18 17:15	1

Client Sample ID: MW-7

Date Collected: 09/11/18 14:50

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-11

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 17:41	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:41	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 17:41	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 17:41	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 17:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 17:41	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 17:41	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 17:41	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 17:41	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 17:41	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 17:41	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 17:41	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 17:41	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 17:41	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 17:41	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 17:41	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 17:41	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 17:41	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 17:41	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 17:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 17:41	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 17:41	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 17:41	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 17:41	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 17:41	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-7
Date Collected: 09/11/18 14:50
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-11
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 17:41	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
Tetrachloroethene	0.47	J	1.0	0.37	ug/L			09/18/18 17:41	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 17:41	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 17:41	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 17:41	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 17:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 17:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 17:41	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 17:41	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:41	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 17:41	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 17:41	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 17:41	1
Dibromofluoromethane	87		75 - 120		09/18/18 17:41	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		09/18/18 17:41	1
Toluene-d8 (Surr)	93		75 - 120		09/18/18 17:41	1

Client Sample ID: MW-7P
Date Collected: 09/11/18 14:55
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-12
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 18:06	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 18:06	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 18:06	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 18:06	1
Bromomethane	<0.80	F1 *	2.0	0.80	ug/L			09/18/18 18:06	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 18:06	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 18:06	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 18:06	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 18:06	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 18:06	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 18:06	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 18:06	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 18:06	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-7P

Date Collected: 09/11/18 14:55

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-12

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 18:06	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 18:06	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 18:06	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 18:06	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 18:06	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 18:06	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 18:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 18:06	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 18:06	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 18:06	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 18:06	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 18:06	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 18:06	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
Tetrachloroethene	6.3		1.0	0.37	ug/L			09/18/18 18:06	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 18:06	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 18:06	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 18:06	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 18:06	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 18:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 18:06	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 18:06	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 18:06	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 18:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 18:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 18:06	1
Dibromofluoromethane	87		75 - 120		09/18/18 18:06	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		09/18/18 18:06	1
Toluene-d8 (Surr)	92		75 - 120		09/18/18 18:06	1

TestAmerica Chicago

Definitions/Glossary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

QC Association Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

GC/MS VOA

Analysis Batch: 450382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-151388-1	MW-1	Total/NA	Ground Water	8260B	
500-151388-1 - DL	MW-1	Total/NA	Ground Water	8260B	
500-151388-2	MW-2	Total/NA	Ground Water	8260B	
500-151388-2 - DL	MW-2	Total/NA	Ground Water	8260B	
500-151388-3	MW-3	Total/NA	Ground Water	8260B	
500-151388-3 - DL	MW-3	Total/NA	Ground Water	8260B	
500-151388-4	MW-4	Total/NA	Ground Water	8260B	
500-151388-5	MW-4P	Total/NA	Ground Water	8260B	
500-151388-6	MW-5R	Total/NA	Ground Water	8260B	
500-151388-7	MW-5R Dup	Total/NA	Ground Water	8260B	
500-151388-8	MW-6R	Total/NA	Ground Water	8260B	
500-151388-9	MW-6PR	Total/NA	Ground Water	8260B	
500-151388-10	Trip Blank	Total/NA	Water	8260B	
500-151388-11	MW-7	Total/NA	Ground Water	8260B	
500-151388-12	MW-7P	Total/NA	Ground Water	8260B	
MB 500-450382/6	Method Blank	Total/NA	Water	8260B	
LCS 500-450382/4	Lab Control Sample	Total/NA	Water	8260B	
500-151388-12 MS	MW-7P	Total/NA	Ground Water	8260B	
500-151388-12 MSD	MW-7P	Total/NA	Ground Water	8260B	

Surrogate Summary

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-151388-1	MW-1	94	80	86	96
500-151388-1 - DL	MW-1	95	80	88	94
500-151388-2 - DL	MW-2	93	83	90	95
500-151388-2	MW-2	95	81	87	95
500-151388-3	MW-3	95	84	92	94
500-151388-3 - DL	MW-3	95	83	92	93
500-151388-4	MW-4	95	83	92	92
500-151388-5	MW-4P	94	84	93	92
500-151388-6	MW-5R	93	85	95	93
500-151388-7	MW-5R Dup	93	85	95	94
500-151388-8	MW-6R	93	86	95	93
500-151388-9	MW-6PR	93	87	96	93
500-151388-11	MW-7	94	87	97	93
500-151388-12	MW-7P	95	87	98	92
500-151388-12 MS	MW-7P	93	88	96	93
500-151388-12 MSD	MW-7P	93	88	96	91

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-151388-10	Trip Blank	95	88	99	90
LCS 500-450382/4	Lab Control Sample	94	84	89	93
MB 500-450382/6	Method Blank	94	85	93	93

Surrogate Legend

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

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: MB 500-450382/6

Matrix: Water

Analysis Batch: 450382

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 11:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 11:45	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 11:45	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 11:45	1
Bromomethane	<0.80		2.0	0.80	ug/L			09/18/18 11:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 11:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 11:45	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 11:45	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 11:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 11:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 11:45	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 11:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 11:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 11:45	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 11:45	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 11:45	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 11:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 11:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 11:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 11:45	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 11:45	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 11:45	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 11:45	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 11:45	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 11:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 11:45	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/18/18 11:45	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 11:45	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 11:45	1

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: MB 500-450382/6
Matrix: Water
Analysis Batch: 450382

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 11:45	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 11:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 11:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 11:45	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 11:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 11:45	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 11:45	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 11:45	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 11:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 11:45	1
Dibromofluoromethane	85		75 - 120		09/18/18 11:45	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		09/18/18 11:45	1
Toluene-d8 (Surr)	93		75 - 120		09/18/18 11:45	1

Lab Sample ID: LCS 500-450382/4
Matrix: Water
Analysis Batch: 450382

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	41.7		ug/L		83	70 - 120
Bromobenzene	50.0	43.8		ug/L		88	70 - 122
Bromochloromethane	50.0	42.4		ug/L		85	65 - 122
Bromodichloromethane	50.0	44.8		ug/L		90	69 - 120
Bromoform	50.0	42.3		ug/L		85	56 - 132
Bromomethane	50.0	99.2	*	ug/L		198	40 - 152
Carbon tetrachloride	50.0	48.9		ug/L		98	59 - 133
Chlorobenzene	50.0	42.3		ug/L		85	70 - 120
Chloroethane	50.0	56.6		ug/L		113	48 - 136
Chloroform	50.0	41.5		ug/L		83	70 - 120
Chloromethane	50.0	40.7		ug/L		81	56 - 152
2-Chlorotoluene	50.0	42.4		ug/L		85	70 - 125
4-Chlorotoluene	50.0	43.2		ug/L		86	68 - 124
cis-1,2-Dichloroethene	50.0	40.9		ug/L		82	70 - 125
cis-1,3-Dichloropropene	50.0	45.5		ug/L		91	64 - 127
Dibromochloromethane	50.0	48.4		ug/L		97	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	41.7		ug/L		83	56 - 123
1,2-Dibromoethane	50.0	47.9		ug/L		96	70 - 125
Dibromomethane	50.0	43.5		ug/L		87	70 - 120
1,2-Dichlorobenzene	50.0	41.5		ug/L		83	70 - 125
1,3-Dichlorobenzene	50.0	42.4		ug/L		85	70 - 125
1,4-Dichlorobenzene	50.0	41.8		ug/L		84	70 - 120
Dichlorodifluoromethane	50.0	48.5		ug/L		97	40 - 159
1,1-Dichloroethane	50.0	41.6		ug/L		83	70 - 125

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: LCS 500-450382/4
Matrix: Water
Analysis Batch: 450382

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	42.5		ug/L		85	68 - 127
1,1-Dichloroethene	50.0	44.6		ug/L		89	67 - 122
1,2-Dichloropropane	50.0	41.0		ug/L		82	67 - 130
1,3-Dichloropropane	50.0	43.3		ug/L		87	62 - 136
2,2-Dichloropropane	50.0	45.2		ug/L		90	58 - 139
1,1-Dichloropropene	50.0	44.9		ug/L		90	70 - 121
Ethylbenzene	50.0	43.9		ug/L		88	70 - 123
Hexachlorobutadiene	50.0	47.4		ug/L		95	51 - 150
Isopropylbenzene	50.0	45.3		ug/L		91	70 - 126
Methylene Chloride	50.0	39.1		ug/L		78	69 - 125
Methyl tert-butyl ether	50.0	40.9		ug/L		82	55 - 123
Naphthalene	50.0	42.8		ug/L		86	53 - 144
n-Butylbenzene	50.0	45.5		ug/L		91	68 - 125
N-Propylbenzene	50.0	45.6		ug/L		91	69 - 127
p-Isopropyltoluene	50.0	46.0		ug/L		92	70 - 125
sec-Butylbenzene	50.0	45.7		ug/L		91	70 - 123
Styrene	50.0	47.0		ug/L		94	70 - 120
tert-Butylbenzene	50.0	45.0		ug/L		90	70 - 121
1,1,1,2-Tetrachloroethane	50.0	43.5		ug/L		87	70 - 125
1,1,1,2,2-Tetrachloroethane	50.0	44.2		ug/L		88	62 - 140
Tetrachloroethene	50.0	47.6		ug/L		95	70 - 128
Toluene	50.0	42.7		ug/L		85	70 - 125
trans-1,2-Dichloroethene	50.0	42.3		ug/L		85	70 - 125
trans-1,3-Dichloropropene	50.0	47.4		ug/L		95	62 - 128
1,2,3-Trichlorobenzene	50.0	41.3		ug/L		83	51 - 145
1,2,4-Trichlorobenzene	50.0	41.2		ug/L		82	57 - 137
1,1,1-Trichloroethane	50.0	46.1		ug/L		92	70 - 125
1,1,2-Trichloroethane	50.0	43.8		ug/L		88	71 - 130
Trichloroethene	50.0	46.5		ug/L		93	70 - 125
Trichlorofluoromethane	50.0	47.1		ug/L		94	55 - 128
1,2,3-Trichloropropane	50.0	45.4		ug/L		91	50 - 133
1,2,4-Trimethylbenzene	50.0	43.1		ug/L		86	70 - 123
1,3,5-Trimethylbenzene	50.0	44.2		ug/L		88	70 - 123
Vinyl chloride	50.0	45.7		ug/L		91	64 - 126
Xylenes, Total	100	90.7		ug/L		91	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	94		72 - 124
Dibromofluoromethane	84		75 - 120
1,2-Dichloroethane-d4 (Surr)	89		75 - 126
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: 500-151388-12 MS
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
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	40.8		ug/L		82	70 - 120

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QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: 500-151388-12 MS
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	<0.36		50.0	43.4		ug/L		87	70 - 122
Bromochloromethane	<0.43		50.0	42.3		ug/L		85	65 - 122
Bromodichloromethane	<0.37		50.0	45.3		ug/L		91	69 - 120
Bromoform	<0.48		50.0	41.1		ug/L		82	56 - 132
Bromomethane	<0.80	F1 *	50.0	103	F1	ug/L		207	40 - 152
Carbon tetrachloride	<0.38		50.0	43.6		ug/L		87	59 - 133
Chlorobenzene	<0.39		50.0	41.1		ug/L		82	70 - 120
Chloroethane	<0.51		50.0	56.1		ug/L		112	48 - 136
Chloroform	<0.37		50.0	41.7		ug/L		83	70 - 120
Chloromethane	<0.32		50.0	43.2		ug/L		86	56 - 152
2-Chlorotoluene	<0.31		50.0	41.3		ug/L		83	70 - 125
4-Chlorotoluene	<0.35		50.0	42.2		ug/L		84	68 - 124
cis-1,2-Dichloroethene	<0.41		50.0	40.1		ug/L		80	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	42.9		ug/L		86	64 - 127
Dibromochloromethane	<0.49		50.0	48.4		ug/L		97	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	41.3		ug/L		83	56 - 123
1,2-Dibromoethane	<0.39		50.0	46.9		ug/L		94	70 - 125
Dibromomethane	<0.27		50.0	43.9		ug/L		88	70 - 120
1,2-Dichlorobenzene	<0.33		50.0	41.7		ug/L		83	70 - 125
1,3-Dichlorobenzene	<0.40		50.0	41.1		ug/L		82	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	40.5		ug/L		81	70 - 120
Dichlorodifluoromethane	<0.67		50.0	40.9		ug/L		82	40 - 159
1,1-Dichloroethane	<0.41		50.0	41.0		ug/L		82	70 - 125
1,2-Dichloroethane	<0.39		50.0	44.5		ug/L		89	68 - 127
1,1-Dichloroethene	<0.39		50.0	39.5		ug/L		79	67 - 122
1,2-Dichloropropane	<0.43		50.0	42.0		ug/L		84	67 - 130
1,3-Dichloropropane	<0.36		50.0	43.7		ug/L		87	62 - 136
2,2-Dichloropropane	<0.44		50.0	37.3		ug/L		75	58 - 139
1,1-Dichloropropene	<0.30		50.0	41.0		ug/L		82	70 - 121
Ethylbenzene	<0.18		50.0	41.2		ug/L		82	70 - 123
Hexachlorobutadiene	<0.45		50.0	42.5		ug/L		85	51 - 150
Isopropylbenzene	<0.39		50.0	41.7		ug/L		83	70 - 126
Methylene Chloride	<1.6		50.0	39.1		ug/L		78	69 - 125
Methyl tert-butyl ether	<0.39		50.0	41.2		ug/L		82	55 - 123
Naphthalene	<0.34		50.0	41.9		ug/L		84	53 - 144
n-Butylbenzene	<0.39		50.0	40.7		ug/L		81	68 - 125
N-Propylbenzene	<0.41		50.0	42.4		ug/L		85	69 - 127
p-Isopropyltoluene	<0.36		50.0	42.0		ug/L		84	70 - 125
sec-Butylbenzene	<0.40		50.0	41.6		ug/L		83	70 - 123
Styrene	<0.39		50.0	45.9		ug/L		92	70 - 120
tert-Butylbenzene	<0.40		50.0	41.8		ug/L		84	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	43.3		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	45.4		ug/L		91	62 - 140
Tetrachloroethene	6.3		50.0	48.4		ug/L		84	70 - 128
Toluene	<0.15		50.0	40.9		ug/L		82	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	39.8		ug/L		80	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	45.7		ug/L		91	62 - 128
1,2,3-Trichlorobenzene	<0.46		50.0	39.5		ug/L		79	51 - 145

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QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: 500-151388-12 MS
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	<0.34		50.0	37.8		ug/L		76	57 - 137
1,1,1-Trichloroethane	<0.38		50.0	42.2		ug/L		84	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	44.3		ug/L		89	71 - 130
Trichloroethene	<0.16		50.0	42.8		ug/L		86	70 - 125
Trichlorofluoromethane	<0.43		50.0	42.2		ug/L		84	55 - 128
1,2,3-Trichloropropane	<0.41		50.0	45.2		ug/L		90	50 - 133
1,2,4-Trimethylbenzene	<0.36		50.0	41.8		ug/L		84	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	42.1		ug/L		84	70 - 123
Vinyl chloride	<0.20		50.0	44.6		ug/L		89	64 - 126
Xylenes, Total	<0.22		100	86.8		ug/L		87	70 - 125
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	93		72 - 124						
Dibromofluoromethane	88		75 - 120						
1,2-Dichloroethane-d4 (Surr)	96		75 - 126						
Toluene-d8 (Surr)	93		75 - 120						

Lab Sample ID: 500-151388-12 MSD
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
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	41.7		ug/L		83	70 - 120	2	20
Bromobenzene	<0.36		50.0	44.9		ug/L		90	70 - 122	3	20
Bromochloromethane	<0.43		50.0	43.8		ug/L		88	65 - 122	3	20
Bromodichloromethane	<0.37		50.0	47.3		ug/L		95	69 - 120	4	20
Bromoform	<0.48		50.0	43.0		ug/L		86	56 - 132	5	20
Bromomethane	<0.80	F1 *	50.0	103	F1	ug/L		207	40 - 152	0	20
Carbon tetrachloride	<0.38		50.0	44.4		ug/L		89	59 - 133	2	20
Chlorobenzene	<0.39		50.0	42.7		ug/L		85	70 - 120	4	20
Chloroethane	<0.51		50.0	56.9		ug/L		114	48 - 136	1	20
Chloroform	<0.37		50.0	43.0		ug/L		86	70 - 120	3	20
Chloromethane	<0.32		50.0	43.0		ug/L		86	56 - 152	1	20
2-Chlorotoluene	<0.31		50.0	42.2		ug/L		84	70 - 125	2	20
4-Chlorotoluene	<0.35		50.0	43.2		ug/L		86	68 - 124	2	20
cis-1,2-Dichloroethene	<0.41		50.0	41.5		ug/L		83	70 - 125	3	20
cis-1,3-Dichloropropene	<0.42		50.0	44.9		ug/L		90	64 - 127	4	20
Dibromochloromethane	<0.49		50.0	50.1		ug/L		100	68 - 125	3	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	44.6		ug/L		89	56 - 123	7	20
1,2-Dibromoethane	<0.39		50.0	48.5		ug/L		97	70 - 125	3	20
Dibromomethane	<0.27		50.0	45.7		ug/L		91	70 - 120	4	20
1,2-Dichlorobenzene	<0.33		50.0	42.9		ug/L		86	70 - 125	3	20
1,3-Dichlorobenzene	<0.40		50.0	42.5		ug/L		85	70 - 125	3	20
1,4-Dichlorobenzene	<0.36		50.0	42.0		ug/L		84	70 - 120	4	20
Dichlorodifluoromethane	<0.67		50.0	41.8		ug/L		84	40 - 159	2	20
1,1-Dichloroethane	<0.41		50.0	41.8		ug/L		84	70 - 125	2	20
1,2-Dichloroethane	<0.39		50.0	45.9		ug/L		92	68 - 127	3	20
1,1-Dichloroethene	<0.39		50.0	40.1		ug/L		80	67 - 122	1	20

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: 500-151388-12 MSD
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	<0.43		50.0	42.6		ug/L		85	67 - 130	2	20
1,3-Dichloropropane	<0.36		50.0	45.3		ug/L		91	62 - 136	4	20
2,2-Dichloropropane	<0.44		50.0	39.5		ug/L		79	58 - 139	6	20
1,1-Dichloropropene	<0.30		50.0	41.1		ug/L		82	70 - 121	0	20
Ethylbenzene	<0.18		50.0	42.2		ug/L		84	70 - 123	2	20
Hexachlorobutadiene	<0.45		50.0	43.3		ug/L		87	51 - 150	2	20
Isopropylbenzene	<0.39		50.0	42.3		ug/L		85	70 - 126	1	20
Methylene Chloride	<1.6		50.0	40.4		ug/L		81	69 - 125	3	20
Methyl tert-butyl ether	<0.39		50.0	42.6		ug/L		85	55 - 123	3	20
Naphthalene	<0.34		50.0	43.9		ug/L		88	53 - 144	5	20
n-Butylbenzene	<0.39		50.0	41.4		ug/L		83	68 - 125	2	20
N-Propylbenzene	<0.41		50.0	43.1		ug/L		86	69 - 127	2	20
p-Isopropyltoluene	<0.36		50.0	42.8		ug/L		86	70 - 125	2	20
sec-Butylbenzene	<0.40		50.0	41.9		ug/L		84	70 - 123	1	20
Styrene	<0.39		50.0	47.0		ug/L		94	70 - 120	2	20
tert-Butylbenzene	<0.40		50.0	42.1		ug/L		84	70 - 121	1	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	44.8		ug/L		90	70 - 125	4	20
1,1,1,2,2-Tetrachloroethane	<0.40		50.0	46.1		ug/L		92	62 - 140	2	20
Tetrachloroethene	6.3		50.0	48.4		ug/L		84	70 - 128	0	20
Toluene	<0.15		50.0	41.6		ug/L		83	70 - 125	2	20
trans-1,2-Dichloroethene	<0.35		50.0	40.7		ug/L		81	70 - 125	2	20
trans-1,3-Dichloropropene	<0.36		50.0	47.8		ug/L		96	62 - 128	4	20
1,2,3-Trichlorobenzene	<0.46		50.0	41.9		ug/L		84	51 - 145	6	20
1,2,4-Trichlorobenzene	<0.34		50.0	39.8		ug/L		80	57 - 137	5	20
1,1,1-Trichloroethane	<0.38		50.0	43.1		ug/L		86	70 - 125	2	20
1,1,2-Trichloroethane	<0.35		50.0	45.2		ug/L		90	71 - 130	2	20
Trichloroethene	<0.16		50.0	44.3		ug/L		89	70 - 125	3	20
Trichlorofluoromethane	<0.43		50.0	42.4		ug/L		85	55 - 128	0	20
1,2,3-Trichloropropane	<0.41		50.0	46.2		ug/L		92	50 - 133	2	20
1,2,4-Trimethylbenzene	<0.36		50.0	42.6		ug/L		85	70 - 123	2	20
1,3,5-Trimethylbenzene	<0.25		50.0	42.9		ug/L		86	70 - 123	2	20
Vinyl chloride	<0.20		50.0	43.9		ug/L		88	64 - 126	2	20
Xylenes, Total	<0.22		100	88.1		ug/L		88	70 - 125	1	20

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	93		72 - 124
Dibromofluoromethane	88		75 - 120
1,2-Dichloroethane-d4 (Surr)	96		75 - 126
Toluene-d8 (Surr)	91		75 - 120

Lab Chronicle

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1
Date Collected: 09/11/18 10:10
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 12:11	JJH	TAL CHI
Total/NA	Analysis	8260B	DL	10	450382	09/18/18 12:36	JJH	TAL CHI

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	450382	09/18/18 13:02	JJH	TAL CHI
Total/NA	Analysis	8260B	DL	50	450382	09/18/18 13:27	JJH	TAL CHI

Client Sample ID: MW-3
Date Collected: 09/11/18 11:00
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	450382	09/18/18 13:53	JJH	TAL CHI
Total/NA	Analysis	8260B	DL	100	450382	09/18/18 14:18	JJH	TAL CHI

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 14:43	JJH	TAL CHI

Client Sample ID: MW-4P
Date Collected: 09/11/18 12:05
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 15:08	JJH	TAL CHI

Client Sample ID: MW-5R
Date Collected: 09/11/18 12:25
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 15:34	JJH	TAL CHI

TestAmerica Chicago

Lab Chronicle

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R Dup

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-7

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 15:59	JJH	TAL CHI

Client Sample ID: MW-6R

Date Collected: 09/11/18 13:15

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 16:25	JJH	TAL CHI

Client Sample ID: MW-6PR

Date Collected: 09/11/18 13:20

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-9

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 16:50	JJH	TAL CHI

Client Sample ID: Trip Blank

Date Collected: 09/11/18 00:00

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 17:15	JJH	TAL CHI

Client Sample ID: MW-7

Date Collected: 09/11/18 14:50

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-11

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 17:41	JJH	TAL CHI

Client Sample ID: MW-7P

Date Collected: 09/11/18 14:55

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-12

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 18:06	JJH	TAL CHI

Laboratory References:

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

TestAmerica Chicago

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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	08-31-19

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Report To (optional)
 Contact: Ed Langdon
 Company: SES Engineers
 Address: _____
 Address: _____
 Phone: 608 224 2630
 Fax: _____
 E-Mail: _____

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

Chain of Custody Record

Lab Job #: 500-151388
 Chain of Custody Number: _____
 Page 2 of 2
 Temperature °C of Cooler: 0.9

Client		Client Project #		Preservative		Parameter		Matrix		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
Project Name		Lab Project #		Sampling		# of Containers		Matrix		
Project Location/State		Lab PM		Date	Time					
SCS Engineers		25211343.92		HCL						Comments
Plateville Cleaners										
Plateville, WI		Sandra Frederic								
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix				
11		mw 7	9-11	1450	3	GLD	X			
12		mw 7P	9-11	1455	3	↓	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 <u>Jacarie Rennebohm</u>	Company _____	Date <u>9-12-18</u>	Time <u>1000</u>	Received By <u>Audrey</u>	Company _____	Date <u>09/13/18</u>	Time <u>0910</u>	Lab Courier _____
Relinquished By _____	Company _____	Date _____	Time _____	Received By _____	Company _____	Date _____	Time _____	Shipped <u>Ex Priority</u>
Relinquished By _____	Company _____	Date _____	Time _____	Received By _____	Company _____	Date _____	Time _____	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: _____

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 500-151388-1

Login Number: 151388

List Source: TestAmerica Chicago

List Number: 1

Creator: Sanchez, Ariel M

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	0.9
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.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
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	



SCS ENGINEERS

October 4, 2018
File No. 25211343.92

Pastor Michael Short
First English Lutheran Church
215 West Pine Street
Platteville, WI 53818

Subject: Groundwater Monitoring Results for 220 West Pine Street, Platteville (Property)
Platteville Cleaners, WDNR BRRTS No. 02-22-550753

Dear Pastor Short:

On behalf of Platteville Cleaners, SCS Engineers (SCS) is providing recent groundwater monitoring results for Platteville Cleaners monitoring wells located on the above-noted Property (MW7 and MW7P). Monitoring well locations are shown on **Figure 1**.

The sampling results indicate that volatile organic compounds (VOCs) are present in groundwater in excess of regulatory standards; however, there are no water supply wells on or near the Property, so VOCs do not appear to present a drinking water health risk. It is anticipated that natural processes will decrease groundwater VOC concentrations over time.

BACKGROUND

Monitoring wells MW7 and MW7P were installed on the Property consistent with a 2011 Access Agreement. The wells were installed to evaluate groundwater quality related to a historic release of tetrachloroethylene (PCE) solvent, which occurred at Platteville Cleaners, located at 250 West Main Street. Platteville Cleaners is working with the Wisconsin Department of Natural Resources (WDNR) to address remaining impacts.

Samples were collected from the wells in September 2018 and were submitted to a state-certified laboratory for analysis of VOCs.

FINDINGS

The groundwater sample laboratory report is included in **Attachment A**. The September 2018 results, historic results, and applicable regulatory standards are summarized in **Table 1**.

The sample results show that PCE is present in groundwater on the Property at a concentration in excess of the WDNR's enforcement standard for drinking water. Historic results indicate that the VOC concentrations in groundwater at the Property are relatively stable or have decreased with time.



The findings do not appear to present a drinking water health risk since there are no potable wells on or near the property. It is anticipated that natural processes will reduce the VOC concentrations over time.

CONTACT INFORMATION

If you have any questions concerning the sampling results feel free to contact SCS or the WDNR. Contact information is provided below:

Robert Langdon, SCS Engineers
2830 Dairy Drive
Madison, WI 53718
(608) 216-7329

Jeff Ackerman, Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
(608) 275-3323

Sincerely,



Robert Langdon
Senior Project Manager
SCS ENGINEERS



Mark R. Huber, PE
Project Director
SCS ENGINEERS

REL/lmh/MRH

cc: Jeff Ackerman, WDNR
Tim Koeller, Platteville Cleaners

Attachments: Table 1 – Groundwater Analytical Results Summary
Figure 1 – Site Plan
Attachment A – Laboratory Report

TABLE 1

Groundwater Analytical Results Summary

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW1	3/31/2009	-	<0.20	<0.50	<0.50	0.84 J	49	<0.20	<0.20	<0.50	<0.50	ND
	6/30/2009	(1)	<0.20	<0.50	<0.50	<0.50	64	<0.20	<0.20	<0.50	<0.50	ND
	5/17/2010	-	<2.00	<4.00	<6.00	<5.00	42.5	<3.00	<2.00	<4.00	<5.00	ND
	9/23/2010	-	<0.20	<0.50	<0.50	<0.50	15	<0.20	<0.20	<0.50	<0.50	ND
	8/9/2011	-	<0.20	<0.50	<0.50	0.53 J3	26	<0.20	<0.20	<0.50	<0.50	Chloromethane 0.45 J3
	12/1/2011	-	<0.20	<0.50	<0.50	0.51 J3	13	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	-	<10	<10	<30	<10	410 D	<10	<10	<10	<10	ND
	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	35	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	58	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	510	0.22 J3	<0.20	<0.41	<0.35	ND
MW2	3/31/2009	-	<0.20	<0.50	<0.50	<0.50	1,700	170	<0.20	6.4	<0.50	ND
	6/30/2009	(1)	<6.4	<16	<16	<16	3,200	73	<6.4	<16	<16	ND
	5/17/2010	-	<20.0	<40.0	<60.0	<50.0	2,360	<40.0	<20.0	<40.0	<50.0	ND
	9/23/2010	-	<5.0	<13	<13	<13	1,900	12 J	<5.0	<13	<13	Naphthalene 8.8 J
	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	2,900	30	<0.20	6.0	<0.50	ND
	12/1/2011	-	<8.0	<20	<20	<20	3,000	40 J3	<8.0	<20	<20	ND
	4/30/2013	-	<25	<25	<75	<25	1,100 D	70 D	<25	<25	<25	ND
	4/24/2017	(2)(3)	<1.5	<1.5	<2.2	<3.9	2,500	200	<2.0	18	<3.5	ND
	6/7/2018	(4)	<1.5	<1.5	<2.2	<3.9	3,200	75	<2.0	15	<3.5	ND
9/11/2018	(6)	<0.73	<0.76	<1.1	<2.0	1,400	57	<1.0	5.6	<1.7	ND	

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
(Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW3	3/31/2009	-	<0.20	<0.50	<0.50	0.50 J	2,700	11 J	<0.20	2.9	<0.50	ND
	6/30/2009	-	<10	<25	<25	<25	2,700	10 J	<10	<25	<25	ND
	5/17/2010	-	<20.0	<40.0	<60.0	<50.0	2,700	<40.0	<20.0	<40.0	<50.0	ND
	9/23/2010	-	<5.0	<13	<13	<13	1,800	5.3 J	<5.0	<13	<13	ND
	8/9/2011	-	<3.2	<8.0	<8.0	<8.0	1,600	4.6 J3	<3.2	<8.0	<8.0	ND
	12/1/2011	-	<4.0	<10	<10	<10	1,300	<4.0	<4.0	<10	<10	ND
	4/30/2013	-	<10	<10	<30	<10	660 D	<10	<10	<10	<10	ND
	4/24/2017	(2)(3)	<2.9	<3.0	<4.4	<7.9	4,700	14	<4.1	13 J	<7.0	ND
	6/7/2018	(4)	<0.73	<0.76	<1.1	<2.0	2,700	7.8	<1.0	5.6	<1.7	ND
	9/11/2018	(6)	<1.5	<1.5	<2.2	<3.9	2,700	<1.6	<2.0	5.8 J3	<3.5	ND
MW4	5/17/2010	-	<0.20	0.47 J2	<0.60	<0.50	<u>0.74</u> J2	<0.40	<0.20	<0.40	<0.50	Ethylbenzene 0.28 J2
	9/23/2010	-	<0.20	<0.50	<0.50	<0.50	48	0.31 J	<0.20	<0.50	<0.50	ND
	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	<u>2.3</u>	<0.20	<0.20	<0.50	<0.50	ND
	12/1/2011	-	<0.20	<0.50	<0.50	<0.50	14	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	-	<0.50	<0.50	<1.50	<0.50	11	<0.50	<0.50	<0.50	<0.50	n-Hexane 0.65
	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	<u>1.2</u>	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>3.7</u>	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<u>2.5</u>	<0.16	<0.20	<0.41	<0.35	ND

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
(Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW4P	5/17/2010	–	<0.20	<0.40	<0.60	0.61 J2	<0.30	<0.40	<0.20	<0.40	<0.50	ND
	9/23/2010	–	<0.20	<0.50	<0.50	0.57 J	<0.50	<0.20	<0.20	<0.50	<0.50	Chloroform 0.29 J
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	Chloromethane 0.46 J3
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<u>1.2</u> J3	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<0.50	<0.50	<1.50	<0.50	<u>0.57</u>	<0.50	<0.50	<0.50	<0.50	ND
	4/24/2017	–	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>4.4</u>	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<u>0.59</u> J3	<0.16	<0.20	<0.41	<0.35	Chloroform 1.2 J3
MW5	5/17/2010	–	<0.20	<0.40	<0.60	<0.50	<0.30	<0.40	<0.20	<0.40	<0.50	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW5R	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	<u>7.9</u>	<u>1.6</u>	<0.20	1.2	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>28</u>	<u>5.8</u>	<0.20	2.0	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<u>27</u>	<u>11</u>	<0.20	4.6	<0.35	ND
	9/11/2018 (Dup)	(6)	<0.15	<0.15	<0.22	<0.39	<u>30</u>	<u>12</u>	<0.20	5.4	<0.35	ND
MW6	5/17/2010	–	<2.00	<4.00	<6.00	<5.00	<u>55</u>	<4.00	<2.00	<4.00	<5.00	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	<u>59</u>	0.41 J	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<u>110</u>	<u>0.81</u> J3	<0.20	<0.50	<0.50	ND
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<u>93</u>	<u>0.80</u> J3	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<2.5	<2.5	<7.5	<2.5	<u>92</u> D	<2.5	<2.5	<2.5	<2.5	ND

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW6P	5/17/2010	-	<2.00	<4.00	<6.00	<5.00	74.3	5.26 J2	<2.00	<4.00	<5.00	ND
	9/23/2010	-	<0.40	<1.0	<1.0	<1.0	110	6.1	<0.40	<1.0	<1.0	ND
	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	18	<u>0.92</u> J3	<0.20	<0.50	<0.50	Chloromethane 0.33 J3
	12/1/2011	-	<u>0.71</u> J3	<0.50	<0.50	<0.50	9.5	0.47 J3	<0.20	<0.50	<0.50	Bromoform 1.2 J3
	4/30/2013	-	<2.5	<2.5	<7.5	<2.5	200 D	12 D	<2.5	<2.5	<2.5	ND
MW6PR	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	40	<u>1.1</u>	<0.20	<0.41	<0.35	ND
	6/7/2018 (Dup)	(4)	<0.15	0.25 J3	<0.22	<0.39	41	<u>1.1</u>	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	17	0.47 J3	<0.20	<0.41	<0.35	ND
MW6R	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	33	0.36 J3	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	28	0.30 J3	<0.20	<0.41	<0.35	ND
MW7	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	20	<0.20	<0.20	<0.50	<0.50	Chloromethane 0.37 J3
	12/1/2011	-	<0.20	<0.50	<0.50	<0.50	9.1	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	-	<0.50	<0.50	<1.50	<0.50	7.6	<0.50	<0.50	<0.50	<0.50	ND
	4/24/2017	-	<0.15	<0.15	<0.22	<0.39	12	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>2.6</u>	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	0.47 J3	<0.16	<0.20	<0.41	<0.35	ND

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW7P	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	12	0.22 J3	<0.20	<0.50	<0.50	ND
	12/1/2011	–	37	7.3	2.0 J3	<0.50	8.2	<0.20	0.48 J3	<0.50	<0.50	Bromomethane 0.70 J3 Chloroform 0.39 J3 Ethylbenzene 1.1 J3 Isopropylbenzene 0.47 J3 p-Isopropyltoluene 0.77 J3 Naphthalene 0.95 J3 Styrene 1.2 J3 1,3,5 TMB 0.33 J3
	4/30/2013	–	<0.50	<0.50	<1.50	<0.50	20	<i>0.54</i>	<0.50	<0.50	<0.50	ND
	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	<i>0.5</i> J	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)(5)	<0.15	<0.15	<0.22	<0.39	11	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)(7)	<0.15	<0.15	<0.22	<0.39	6.3	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND
Trip Blank	3/31/2009	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	6/30/2009	(1)	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	5/17/2010	–	<0.20	<0.40	<0.60	<0.50	<0.30	<0.40	<0.20	<0.40	<0.50	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/24/2017	–	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	Methylene Chloride 5.2 cn
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs	
NR 140 Enforcement Standards (ES)			5	800	2,000	60	5	5	0.2	70	100	Bromomethane	10
												Chloroform	6
												Chloromethane	30
												Ethylbenzene	700
												n-Hexane	600
												Naphthalene	100
												Styrene	100
												TMBs	480
NR 140 Preventive Action Limits (PAL)			0.5	160	400	12	0.5	0.5	0.02	7	20	Bromomethane	1
												Chloroform	0.6
												Chloromethane	3
												Ethylbenzene	140
												n-Hexane	120
												Naphthalene	10
												Styrene	10
												TMBs	96

**Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92**

Abbreviations:

µg/L = micrograms per liter or parts per billion (ppb)
VC = Vinyl Chloride
-- = Not Applicable

MTBE = Methyl-tert-butyl ether
DCE = Dichloroethene
ND = Not Detected

PCE = Tetrachloroethene
TMB = Trimethylbenzene

TCE = Trichloroethene
VOCs = Volatile Organic Compounds

Notes:

NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards

NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards

As of the December 2010 ch. NR 140 Wisconsin Administrative Code, eff. 1-1-11, the ESs and PALs have changed for Toluene and Xylenes. The previous standards were:

Toluene 1,000 ES/200 PAL; Xylenes 10,000 ES/1,000 PAL.

Bold values meet or exceed NR 140 enforcement standards.

Italic values meet or exceed NR 140 preventive action limits.

Laboratory Notes/Qualifiers:

cn = Method(s) 8260B: The following sample detected Methylene Chloride above the reporting limit: Trip Blank (500-127088-9). The method blank 383264 associated with this sample did not detect Methylene Chloride. Since Methylene Chloride is a known lab contaminant and the results are just above the reporting limit; the results have been flagged with a "cn" flag to denote the probable lab contamination.

D = Data reported from a dilution.

J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

J2 = Estimated concentration below laboratory quantitation level.

J3 = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value

(1) Naphthalene analysis - Analyte was detected in the associated Method Blank.

(2) Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-3 (500-127088-6) and MW-2 (500-127088-7). Elevated reporting limits (RLs) are provided.

(3) Method(s) 8260B: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). The pH, however, was outside the required criteria when verified by the laboratory: MW4 (500-127088-1), MW-7P (500-127088-3), MW-5R (500-127088-5), MW-3 (500-127088-6), MW-2 (500-127088-7), and MW-1 (500-127088-8). The sample was analyzed within 7 days per EPA recommendation, therefore no further corrective action was needed.

(4) 1,2,4-Trichlorobenzene: * = LCS or LCSD is outside acceptance limits.

(5) Naphthalene: F1 = MS and/or MSD Recovery is outside acceptance limits

(6) Bromomethane = LCS or LCSD is outside acceptance limits.

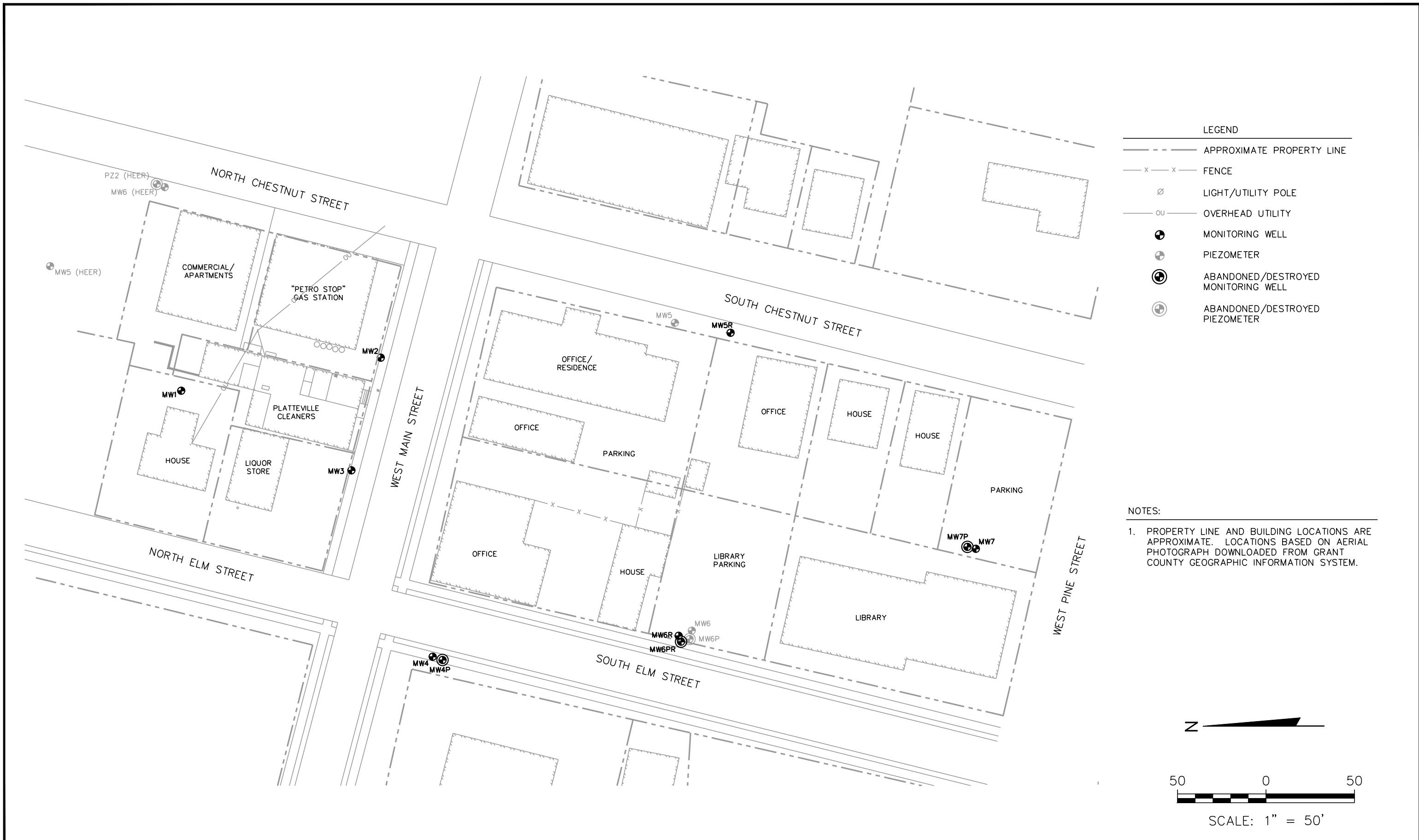
(7) Bromomethane = MS and/or MSD Recovery is outside acceptance limits.

Created by: TLR Date: 4/9/2009
Last revision by: JSN Date: 10/1/2018
Checked by: AJR Date: 10/1/2018

I:\3439A\Correspondence-Other\2018 GW Monitoring Results\First English Lutheran\September 2018\[Table 1_Groundwater Analytical Results Summary.xls]Notes-Lab Notes

FIGURE 1

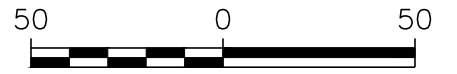
Site Plan



LEGEND

	APPROXIMATE PROPERTY LINE
	FENCE
	LIGHT/UTILITY POLE
	OVERHEAD UTILITY
	MONITORING WELL
	PIEZOMETER
	ABANDONED/DESTROYED MONITORING WELL
	ABANDONED/DESTROYED PIEZOMETER

NOTES:
 1. PROPERTY LINE AND BUILDING LOCATIONS ARE APPROXIMATE. LOCATIONS BASED ON AERIAL PHOTOGRAPH DOWNLOADED FROM GRANT COUNTY GEOGRAPHIC INFORMATION SYSTEM.



SCALE: 1" = 50'

PROJECT NO. 25211343.91	DRAWN BY: KP/BJM	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN	SITE PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN	FIGURE 1
DRAWN: 06/18/18	CHECKED BY: REL				
REVISD: 07/05/18	APPROVED BY: REL 07/05/18				

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ATTACHMENT A

Laboratory 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: 500-151388-1

Client Project/Site: Platteville Cleaners - 25211343.92

For:

SCS Engineers

2830 Dairy Dr

Madison, Wisconsin 53718

Attn: Mr. Robert Langdon



Authorized for release by:

9/25/2018 1:17:18 PM

Sandie Fredrick, Project Manager II

(920)261-1660

sandie.fredrick@testamericainc.com

LINKS

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results through

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Job ID: 500-151388-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-151388-1

Comments

No additional comments.

Receipt

The samples were received on 9/13/2018 9:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.9° C.

Receipt Exceptions

One or more containers for the following sample was received broken or leaking: MW-3 (500-151388-3). Sample #3 had 1 out of the 3 vials sent to lab broke in transit.

GC/MS VOA

The continuing calibration verification (CCV) and laboratory control sample (LCS) associated with batch 450382 recovered above the upper control limit for Bromomethnae. The samples associated with this CCV and LCS were non-detects for the affected analytes; therefore, the data have been reported.

The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2 (500-151388-2) and MW-3 (500-151388-3). Elevated reporting limits (RLs) are provided.

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: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1

Lab Sample ID: 500-151388-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.22	J	0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	510		10	3.7	ug/L	10		8260B	Total/NA

Client Sample ID: MW-2

Lab Sample ID: 500-151388-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.6		5.0	2.0	ug/L	5		8260B	Total/NA
Trichloroethene	57		2.5	0.82	ug/L	5		8260B	Total/NA
Tetrachloroethene - DL	1400		50	19	ug/L	50		8260B	Total/NA

Client Sample ID: MW-3

Lab Sample ID: 500-151388-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.8	J	10	4.1	ug/L	10		8260B	Total/NA
Tetrachloroethene - DL	2700		100	37	ug/L	100		8260B	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 500-151388-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.5		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-4P

Lab Sample ID: 500-151388-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J	2.0	0.37	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.59	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5R

Lab Sample ID: 500-151388-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.6		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	27		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	11		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5R Dup

Lab Sample ID: 500-151388-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.4		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	30		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	12		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6R

Lab Sample ID: 500-151388-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	28		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.30	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6PR

Lab Sample ID: 500-151388-9

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6PR (Continued)

Lab Sample ID: 500-151388-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	17		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.47	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-151388-10

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 500-151388-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.47	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-7P

Lab Sample ID: 500-151388-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.3		1.0	0.37	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
5030B	Purge and Trap	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: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-151388-1	MW-1	Ground Water	09/11/18 10:10	09/13/18 09:10
500-151388-2	MW-2	Ground Water	09/11/18 10:40	09/13/18 09:10
500-151388-3	MW-3	Ground Water	09/11/18 11:00	09/13/18 09:10
500-151388-4	MW-4	Ground Water	09/11/18 12:15	09/13/18 09:10
500-151388-5	MW-4P	Ground Water	09/11/18 12:05	09/13/18 09:10
500-151388-6	MW-5R	Ground Water	09/11/18 12:25	09/13/18 09:10
500-151388-7	MW-5R Dup	Ground Water	09/11/18 12:25	09/13/18 09:10
500-151388-8	MW-6R	Ground Water	09/11/18 13:15	09/13/18 09:10
500-151388-9	MW-6PR	Ground Water	09/11/18 13:20	09/13/18 09:10
500-151388-10	Trip Blank	Water	09/11/18 00:00	09/13/18 09:10
500-151388-11	MW-7	Ground Water	09/11/18 14:50	09/13/18 09:10
500-151388-12	MW-7P	Ground Water	09/11/18 14:55	09/13/18 09:10

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1
Date Collected: 09/11/18 10:10
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 12:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 12:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 12:11	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 12:11	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 12:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 12:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 12:11	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 12:11	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 12:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 12:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 12:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 12:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 12:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 12:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 12:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 12:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 12:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 12:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 12:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 12:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 12:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 12:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 12:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 12:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 12:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 12:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 12:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 12:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 12:11	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1
Date Collected: 09/11/18 10:10
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 12:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 12:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 12:11	1
Trichloroethene	0.22	J	0.50	0.16	ug/L			09/18/18 12:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 12:11	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 12:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 12:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 12:11	1
Dibromofluoromethane	80		75 - 120		09/18/18 12:11	1
1,2-Dichloroethane-d4 (Surr)	86		75 - 126		09/18/18 12:11	1
Toluene-d8 (Surr)	96		75 - 120		09/18/18 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	510		10	3.7	ug/L			09/18/18 12:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 12:36	10
Dibromofluoromethane	80		75 - 120		09/18/18 12:36	10
1,2-Dichloroethane-d4 (Surr)	88		75 - 126		09/18/18 12:36	10
Toluene-d8 (Surr)	94		75 - 120		09/18/18 12:36	10

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.73		2.5	0.73	ug/L			09/18/18 13:02	5
Bromobenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
Bromochloromethane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
Bromodichloromethane	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Bromoform	<2.4		5.0	2.4	ug/L			09/18/18 13:02	5
Bromomethane	<4.0 *		10	4.0	ug/L			09/18/18 13:02	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Chlorobenzene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Chloroethane	<2.5		5.0	2.5	ug/L			09/18/18 13:02	5
Chloroform	<1.9		10	1.9	ug/L			09/18/18 13:02	5
Chloromethane	<1.6		5.0	1.6	ug/L			09/18/18 13:02	5
2-Chlorotoluene	<1.6		5.0	1.6	ug/L			09/18/18 13:02	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
cis-1,2-Dichloroethene	5.6		5.0	2.0	ug/L			09/18/18 13:02	5
cis-1,3-Dichloropropene	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
Dibromochloromethane	<2.4		5.0	2.4	ug/L			09/18/18 13:02	5
1,2-Dibromo-3-Chloropropane	<10		25	10	ug/L			09/18/18 13:02	5

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Dibromomethane	<1.4		5.0	1.4	ug/L			09/18/18 13:02	5
1,2-Dichlorobenzene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,4-Dichlorobenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
Dichlorodifluoromethane	<3.4		10	3.4	ug/L			09/18/18 13:02	5
1,1-Dichloroethane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,2-Dichloropropane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,3-Dichloropropane	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
2,2-Dichloropropane	<2.2		5.0	2.2	ug/L			09/18/18 13:02	5
1,1-Dichloropropene	<1.5		5.0	1.5	ug/L			09/18/18 13:02	5
Ethylbenzene	<0.92		2.5	0.92	ug/L			09/18/18 13:02	5
Hexachlorobutadiene	<2.2		5.0	2.2	ug/L			09/18/18 13:02	5
Isopropylbenzene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Isopropyl ether	<1.4		5.0	1.4	ug/L			09/18/18 13:02	5
Methylene Chloride	<8.2		25	8.2	ug/L			09/18/18 13:02	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
Naphthalene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
n-Butylbenzene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
N-Propylbenzene	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
p-Isopropyltoluene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
sec-Butylbenzene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
Styrene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
tert-Butylbenzene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,1,1,2-Tetrachloroethane	<2.3		5.0	2.3	ug/L			09/18/18 13:02	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
Toluene	<0.76		2.5	0.76	ug/L			09/18/18 13:02	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
trans-1,3-Dichloropropene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
1,2,3-Trichlorobenzene	<2.3		5.0	2.3	ug/L			09/18/18 13:02	5
1,2,4-Trichlorobenzene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
Trichloroethene	57		2.5	0.82	ug/L			09/18/18 13:02	5
Trichlorofluoromethane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,2,3-Trichloropropane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,2,4-Trimethylbenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
1,3,5-Trimethylbenzene	<1.3		5.0	1.3	ug/L			09/18/18 13:02	5
Vinyl chloride	<1.0		5.0	1.0	ug/L			09/18/18 13:02	5
Xylenes, Total	<1.1		5.0	1.1	ug/L			09/18/18 13:02	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 13:02	5
Dibromofluoromethane	81		75 - 120		09/18/18 13:02	5
1,2-Dichloroethane-d4 (Surr)	87		75 - 126		09/18/18 13:02	5
Toluene-d8 (Surr)	95		75 - 120		09/18/18 13:02	5

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1400		50	19	ug/L			09/18/18 13:27	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					09/18/18 13:27	50
Dibromofluoromethane	83		75 - 120					09/18/18 13:27	50
1,2-Dichloroethane-d4 (Surr)	90		75 - 126					09/18/18 13:27	50
Toluene-d8 (Surr)	95		75 - 120					09/18/18 13:27	50

Client Sample ID: MW-3
Date Collected: 09/11/18 11:00
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.5		5.0	1.5	ug/L			09/18/18 13:53	10
Bromobenzene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
Bromochloromethane	<4.3		10	4.3	ug/L			09/18/18 13:53	10
Bromodichloromethane	<3.7		10	3.7	ug/L			09/18/18 13:53	10
Bromoform	<4.8		10	4.8	ug/L			09/18/18 13:53	10
Bromomethane	<8.0 *		20	8.0	ug/L			09/18/18 13:53	10
Carbon tetrachloride	<3.8		10	3.8	ug/L			09/18/18 13:53	10
Chlorobenzene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
Chloroethane	<5.1		10	5.1	ug/L			09/18/18 13:53	10
Chloroform	<3.7		20	3.7	ug/L			09/18/18 13:53	10
Chloromethane	<3.2		10	3.2	ug/L			09/18/18 13:53	10
2-Chlorotoluene	<3.1		10	3.1	ug/L			09/18/18 13:53	10
4-Chlorotoluene	<3.5		10	3.5	ug/L			09/18/18 13:53	10
cis-1,2-Dichloroethene	5.8 J		10	4.1	ug/L			09/18/18 13:53	10
cis-1,3-Dichloropropene	<4.2		10	4.2	ug/L			09/18/18 13:53	10
Dibromochloromethane	<4.9		10	4.9	ug/L			09/18/18 13:53	10
1,2-Dibromo-3-Chloropropane	<20		50	20	ug/L			09/18/18 13:53	10
1,2-Dibromoethane	<3.9		10	3.9	ug/L			09/18/18 13:53	10
Dibromomethane	<2.7		10	2.7	ug/L			09/18/18 13:53	10
1,2-Dichlorobenzene	<3.3		10	3.3	ug/L			09/18/18 13:53	10
1,3-Dichlorobenzene	<4.0		10	4.0	ug/L			09/18/18 13:53	10
1,4-Dichlorobenzene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
Dichlorodifluoromethane	<6.7		20	6.7	ug/L			09/18/18 13:53	10
1,1-Dichloroethane	<4.1		10	4.1	ug/L			09/18/18 13:53	10
1,2-Dichloroethane	<3.9		10	3.9	ug/L			09/18/18 13:53	10
1,1-Dichloroethene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
1,2-Dichloropropane	<4.3		10	4.3	ug/L			09/18/18 13:53	10
1,3-Dichloropropane	<3.6		10	3.6	ug/L			09/18/18 13:53	10
2,2-Dichloropropane	<4.4		10	4.4	ug/L			09/18/18 13:53	10
1,1-Dichloropropene	<3.0		10	3.0	ug/L			09/18/18 13:53	10
Ethylbenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:53	10
Hexachlorobutadiene	<4.5		10	4.5	ug/L			09/18/18 13:53	10
Isopropylbenzene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
Isopropyl ether	<2.8		10	2.8	ug/L			09/18/18 13:53	10
Methylene Chloride	<16		50	16	ug/L			09/18/18 13:53	10
Methyl tert-butyl ether	<3.9		10	3.9	ug/L			09/18/18 13:53	10

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-3
Date Collected: 09/11/18 11:00
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<3.4		10	3.4	ug/L			09/18/18 13:53	10
n-Butylbenzene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
N-Propylbenzene	<4.1		10	4.1	ug/L			09/18/18 13:53	10
p-Isopropyltoluene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
sec-Butylbenzene	<4.0		10	4.0	ug/L			09/18/18 13:53	10
Styrene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
tert-Butylbenzene	<4.0		10	4.0	ug/L			09/18/18 13:53	10
1,1,1,2-Tetrachloroethane	<4.6		10	4.6	ug/L			09/18/18 13:53	10
1,1,1,2,2-Tetrachloroethane	<4.0		10	4.0	ug/L			09/18/18 13:53	10
Toluene	<1.5		5.0	1.5	ug/L			09/18/18 13:53	10
trans-1,2-Dichloroethene	<3.5		10	3.5	ug/L			09/18/18 13:53	10
trans-1,3-Dichloropropene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
1,2,3-Trichlorobenzene	<4.6		10	4.6	ug/L			09/18/18 13:53	10
1,2,4-Trichlorobenzene	<3.4		10	3.4	ug/L			09/18/18 13:53	10
1,1,1-Trichloroethane	<3.8		10	3.8	ug/L			09/18/18 13:53	10
1,1,2-Trichloroethane	<3.5		10	3.5	ug/L			09/18/18 13:53	10
Trichloroethene	<1.6		5.0	1.6	ug/L			09/18/18 13:53	10
Trichlorofluoromethane	<4.3		10	4.3	ug/L			09/18/18 13:53	10
1,2,3-Trichloropropane	<4.1		10	4.1	ug/L			09/18/18 13:53	10
1,2,4-Trimethylbenzene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
1,3,5-Trimethylbenzene	<2.5		10	2.5	ug/L			09/18/18 13:53	10
Vinyl chloride	<2.0		10	2.0	ug/L			09/18/18 13:53	10
Xylenes, Total	<2.2		10	2.2	ug/L			09/18/18 13:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 13:53	10
Dibromofluoromethane	84		75 - 120		09/18/18 13:53	10
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		09/18/18 13:53	10
Toluene-d8 (Surr)	94		75 - 120		09/18/18 13:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	2700		100	37	ug/L			09/18/18 14:18	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 14:18	100
Dibromofluoromethane	83		75 - 120		09/18/18 14:18	100
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		09/18/18 14:18	100
Toluene-d8 (Surr)	93		75 - 120		09/18/18 14:18	100

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 14:43	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 14:43	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 14:43	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 14:43	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 14:43	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 14:43	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 14:43	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 14:43	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 14:43	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 14:43	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 14:43	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 14:43	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 14:43	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 14:43	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 14:43	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 14:43	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 14:43	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 14:43	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 14:43	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 14:43	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 14:43	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 14:43	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 14:43	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 14:43	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 14:43	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 14:43	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
Tetrachloroethene	2.5		1.0	0.37	ug/L			09/18/18 14:43	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 14:43	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 14:43	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 14:43	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 14:43	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 14:43	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 14:43	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-4

Date Collected: 09/11/18 12:15

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 14:43	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 14:43	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 14:43	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 14:43	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 14:43	1
Dibromofluoromethane	83		75 - 120		09/18/18 14:43	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		09/18/18 14:43	1
Toluene-d8 (Surr)	92		75 - 120		09/18/18 14:43	1

Client Sample ID: MW-4P

Date Collected: 09/11/18 12:05

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 15:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:08	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 15:08	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 15:08	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 15:08	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 15:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 15:08	1
Chloroform	1.2	J	2.0	0.37	ug/L			09/18/18 15:08	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 15:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 15:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 15:08	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 15:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 15:08	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 15:08	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 15:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 15:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 15:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 15:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 15:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 15:08	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-4P

Date Collected: 09/11/18 12:05

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 15:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 15:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 15:08	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 15:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 15:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 15:08	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
Tetrachloroethene	0.59	J	1.0	0.37	ug/L			09/18/18 15:08	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 15:08	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 15:08	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 15:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 15:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 15:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 15:08	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 15:08	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:08	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 15:08	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 15:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 15:08	1
Dibromofluoromethane	84		75 - 120		09/18/18 15:08	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		09/18/18 15:08	1
Toluene-d8 (Surr)	92		75 - 120		09/18/18 15:08	1

Client Sample ID: MW-5R

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 15:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 15:34	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 15:34	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 15:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 15:34	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 15:34	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 15:34	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 15:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 15:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 15:34	1
cis-1,2-Dichloroethene	4.6		1.0	0.41	ug/L			09/18/18 15:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 15:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 15:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 15:34	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 15:34	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 15:34	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 15:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 15:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 15:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 15:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 15:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 15:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 15:34	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 15:34	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 15:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 15:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 15:34	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 15:34	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
Tetrachloroethene	27		1.0	0.37	ug/L			09/18/18 15:34	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 15:34	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 15:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 15:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 15:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 15:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 15:34	1
Trichloroethene	11		0.50	0.16	ug/L			09/18/18 15:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:34	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 15:34	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 15:34	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 15:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					09/18/18 15:34	1
Dibromofluoromethane	85		75 - 120					09/18/18 15:34	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					09/18/18 15:34	1
Toluene-d8 (Surr)	93		75 - 120					09/18/18 15:34	1

Client Sample ID: MW-5R Dup

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-7

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 15:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 15:59	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 15:59	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 15:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 15:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 15:59	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 15:59	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 15:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 15:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 15:59	1
cis-1,2-Dichloroethene	5.4		1.0	0.41	ug/L			09/18/18 15:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 15:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 15:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 15:59	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 15:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 15:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 15:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 15:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 15:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 15:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 15:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 15:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 15:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R Dup

Lab Sample ID: 500-151388-7

Date Collected: 09/11/18 12:25

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 15:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 15:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 15:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 15:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 15:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
Tetrachloroethene	30		1.0	0.37	ug/L			09/18/18 15:59	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 15:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 15:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 15:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 15:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 15:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 15:59	1
Trichloroethene	12		0.50	0.16	ug/L			09/18/18 15:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:59	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 15:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 15:59	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 15:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		09/18/18 15:59	1
Dibromofluoromethane	85		75 - 120		09/18/18 15:59	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126		09/18/18 15:59	1
Toluene-d8 (Surr)	94		75 - 120		09/18/18 15:59	1

Client Sample ID: MW-6R

Lab Sample ID: 500-151388-8

Date Collected: 09/11/18 13:15

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 16:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 16:25	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 16:25	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 16:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 16:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 16:25	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 16:25	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6R

Date Collected: 09/11/18 13:15

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-8

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 16:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 16:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 16:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 16:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 16:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 16:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 16:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 16:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 16:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 16:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 16:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 16:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 16:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 16:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 16:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 16:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 16:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 16:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
Tetrachloroethene	28		1.0	0.37	ug/L			09/18/18 16:25	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 16:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 16:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 16:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 16:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 16:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 16:25	1
Trichloroethene	0.30 J		0.50	0.16	ug/L			09/18/18 16:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:25	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 16:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 16:25	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6R

Date Collected: 09/11/18 13:15

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-8

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					09/18/18 16:25	1
Dibromofluoromethane	86		75 - 120					09/18/18 16:25	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					09/18/18 16:25	1
Toluene-d8 (Surr)	93		75 - 120					09/18/18 16:25	1

Client Sample ID: MW-6PR

Date Collected: 09/11/18 13:20

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-9

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 16:50	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 16:50	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 16:50	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 16:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 16:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 16:50	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 16:50	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 16:50	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 16:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 16:50	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 16:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 16:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 16:50	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 16:50	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 16:50	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 16:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 16:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 16:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 16:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 16:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 16:50	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 16:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 16:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6PR

Lab Sample ID: 500-151388-9

Date Collected: 09/11/18 13:20

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 16:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 16:50	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
Tetrachloroethene	17		1.0	0.37	ug/L			09/18/18 16:50	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 16:50	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 16:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 16:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 16:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 16:50	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 16:50	1
Trichloroethene	0.47 J		0.50	0.16	ug/L			09/18/18 16:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:50	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 16:50	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 16:50	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		09/18/18 16:50	1
Dibromofluoromethane	87		75 - 120		09/18/18 16:50	1
1,2-Dichloroethane-d4 (Surr)	96		75 - 126		09/18/18 16:50	1
Toluene-d8 (Surr)	93		75 - 120		09/18/18 16:50	1

Client Sample ID: Trip Blank

Lab Sample ID: 500-151388-10

Date Collected: 09/11/18 00:00

Matrix: Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 17:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 17:15	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 17:15	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 17:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 17:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 17:15	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 17:15	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 17:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 17:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 17:15	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-151388-10

Date Collected: 09/11/18 00:00

Matrix: Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 17:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 17:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 17:15	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 17:15	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 17:15	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 17:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 17:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 17:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 17:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 17:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 17:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 17:15	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 17:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 17:15	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 17:15	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/18/18 17:15	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 17:15	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 17:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 17:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 17:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 17:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 17:15	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 17:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:15	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 17:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 17:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 17:15	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: Trip Blank

Date Collected: 09/11/18 00:00

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-10

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	88		75 - 120		09/18/18 17:15	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		09/18/18 17:15	1
Toluene-d8 (Surr)	90		75 - 120		09/18/18 17:15	1

Client Sample ID: MW-7

Date Collected: 09/11/18 14:50

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-11

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 17:41	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:41	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 17:41	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 17:41	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 17:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 17:41	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 17:41	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 17:41	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 17:41	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 17:41	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 17:41	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 17:41	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 17:41	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 17:41	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 17:41	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 17:41	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 17:41	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 17:41	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 17:41	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 17:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 17:41	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 17:41	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 17:41	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 17:41	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 17:41	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-7
Date Collected: 09/11/18 14:50
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-11
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 17:41	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
Tetrachloroethene	0.47	J	1.0	0.37	ug/L			09/18/18 17:41	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 17:41	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 17:41	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 17:41	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 17:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 17:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 17:41	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 17:41	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:41	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 17:41	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 17:41	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 17:41	1
Dibromofluoromethane	87		75 - 120		09/18/18 17:41	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		09/18/18 17:41	1
Toluene-d8 (Surr)	93		75 - 120		09/18/18 17:41	1

Client Sample ID: MW-7P
Date Collected: 09/11/18 14:55
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-12
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 18:06	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 18:06	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 18:06	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 18:06	1
Bromomethane	<0.80	F1 *	2.0	0.80	ug/L			09/18/18 18:06	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 18:06	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 18:06	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 18:06	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 18:06	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 18:06	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 18:06	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 18:06	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 18:06	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-7P

Lab Sample ID: 500-151388-12

Date Collected: 09/11/18 14:55

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 18:06	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 18:06	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 18:06	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 18:06	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 18:06	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 18:06	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 18:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 18:06	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 18:06	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 18:06	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 18:06	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 18:06	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 18:06	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
Tetrachloroethene	6.3		1.0	0.37	ug/L			09/18/18 18:06	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 18:06	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 18:06	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 18:06	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 18:06	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 18:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 18:06	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 18:06	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 18:06	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 18:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 18:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 18:06	1
Dibromofluoromethane	87		75 - 120		09/18/18 18:06	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		09/18/18 18:06	1
Toluene-d8 (Surr)	92		75 - 120		09/18/18 18:06	1

TestAmerica Chicago

Definitions/Glossary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

QC Association Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

GC/MS VOA

Analysis Batch: 450382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-151388-1	MW-1	Total/NA	Ground Water	8260B	
500-151388-1 - DL	MW-1	Total/NA	Ground Water	8260B	
500-151388-2	MW-2	Total/NA	Ground Water	8260B	
500-151388-2 - DL	MW-2	Total/NA	Ground Water	8260B	
500-151388-3	MW-3	Total/NA	Ground Water	8260B	
500-151388-3 - DL	MW-3	Total/NA	Ground Water	8260B	
500-151388-4	MW-4	Total/NA	Ground Water	8260B	
500-151388-5	MW-4P	Total/NA	Ground Water	8260B	
500-151388-6	MW-5R	Total/NA	Ground Water	8260B	
500-151388-7	MW-5R Dup	Total/NA	Ground Water	8260B	
500-151388-8	MW-6R	Total/NA	Ground Water	8260B	
500-151388-9	MW-6PR	Total/NA	Ground Water	8260B	
500-151388-10	Trip Blank	Total/NA	Water	8260B	
500-151388-11	MW-7	Total/NA	Ground Water	8260B	
500-151388-12	MW-7P	Total/NA	Ground Water	8260B	
MB 500-450382/6	Method Blank	Total/NA	Water	8260B	
LCS 500-450382/4	Lab Control Sample	Total/NA	Water	8260B	
500-151388-12 MS	MW-7P	Total/NA	Ground Water	8260B	
500-151388-12 MSD	MW-7P	Total/NA	Ground Water	8260B	

Surrogate Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-151388-1	MW-1	94	80	86	96
500-151388-1 - DL	MW-1	95	80	88	94
500-151388-2 - DL	MW-2	93	83	90	95
500-151388-2	MW-2	95	81	87	95
500-151388-3	MW-3	95	84	92	94
500-151388-3 - DL	MW-3	95	83	92	93
500-151388-4	MW-4	95	83	92	92
500-151388-5	MW-4P	94	84	93	92
500-151388-6	MW-5R	93	85	95	93
500-151388-7	MW-5R Dup	93	85	95	94
500-151388-8	MW-6R	93	86	95	93
500-151388-9	MW-6PR	93	87	96	93
500-151388-11	MW-7	94	87	97	93
500-151388-12	MW-7P	95	87	98	92
500-151388-12 MS	MW-7P	93	88	96	93
500-151388-12 MSD	MW-7P	93	88	96	91

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-151388-10	Trip Blank	95	88	99	90
LCS 500-450382/4	Lab Control Sample	94	84	89	93
MB 500-450382/6	Method Blank	94	85	93	93

Surrogate Legend

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

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: MB 500-450382/6

Matrix: Water

Analysis Batch: 450382

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 11:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 11:45	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 11:45	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 11:45	1
Bromomethane	<0.80		2.0	0.80	ug/L			09/18/18 11:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 11:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 11:45	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 11:45	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 11:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 11:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 11:45	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 11:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 11:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 11:45	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 11:45	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 11:45	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 11:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 11:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 11:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 11:45	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 11:45	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 11:45	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 11:45	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 11:45	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 11:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 11:45	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/18/18 11:45	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 11:45	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 11:45	1

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: MB 500-450382/6
Matrix: Water
Analysis Batch: 450382

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 11:45	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 11:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 11:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 11:45	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 11:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 11:45	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 11:45	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 11:45	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 11:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 11:45	1
Dibromofluoromethane	85		75 - 120		09/18/18 11:45	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		09/18/18 11:45	1
Toluene-d8 (Surr)	93		75 - 120		09/18/18 11:45	1

Lab Sample ID: LCS 500-450382/4
Matrix: Water
Analysis Batch: 450382

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	41.7		ug/L		83	70 - 120
Bromobenzene	50.0	43.8		ug/L		88	70 - 122
Bromochloromethane	50.0	42.4		ug/L		85	65 - 122
Bromodichloromethane	50.0	44.8		ug/L		90	69 - 120
Bromoform	50.0	42.3		ug/L		85	56 - 132
Bromomethane	50.0	99.2	*	ug/L		198	40 - 152
Carbon tetrachloride	50.0	48.9		ug/L		98	59 - 133
Chlorobenzene	50.0	42.3		ug/L		85	70 - 120
Chloroethane	50.0	56.6		ug/L		113	48 - 136
Chloroform	50.0	41.5		ug/L		83	70 - 120
Chloromethane	50.0	40.7		ug/L		81	56 - 152
2-Chlorotoluene	50.0	42.4		ug/L		85	70 - 125
4-Chlorotoluene	50.0	43.2		ug/L		86	68 - 124
cis-1,2-Dichloroethene	50.0	40.9		ug/L		82	70 - 125
cis-1,3-Dichloropropene	50.0	45.5		ug/L		91	64 - 127
Dibromochloromethane	50.0	48.4		ug/L		97	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	41.7		ug/L		83	56 - 123
1,2-Dibromoethane	50.0	47.9		ug/L		96	70 - 125
Dibromomethane	50.0	43.5		ug/L		87	70 - 120
1,2-Dichlorobenzene	50.0	41.5		ug/L		83	70 - 125
1,3-Dichlorobenzene	50.0	42.4		ug/L		85	70 - 125
1,4-Dichlorobenzene	50.0	41.8		ug/L		84	70 - 120
Dichlorodifluoromethane	50.0	48.5		ug/L		97	40 - 159
1,1-Dichloroethane	50.0	41.6		ug/L		83	70 - 125

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: LCS 500-450382/4

Matrix: Water

Analysis Batch: 450382

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	42.5		ug/L		85	68 - 127
1,1-Dichloroethene	50.0	44.6		ug/L		89	67 - 122
1,2-Dichloropropane	50.0	41.0		ug/L		82	67 - 130
1,3-Dichloropropane	50.0	43.3		ug/L		87	62 - 136
2,2-Dichloropropane	50.0	45.2		ug/L		90	58 - 139
1,1-Dichloropropene	50.0	44.9		ug/L		90	70 - 121
Ethylbenzene	50.0	43.9		ug/L		88	70 - 123
Hexachlorobutadiene	50.0	47.4		ug/L		95	51 - 150
Isopropylbenzene	50.0	45.3		ug/L		91	70 - 126
Methylene Chloride	50.0	39.1		ug/L		78	69 - 125
Methyl tert-butyl ether	50.0	40.9		ug/L		82	55 - 123
Naphthalene	50.0	42.8		ug/L		86	53 - 144
n-Butylbenzene	50.0	45.5		ug/L		91	68 - 125
N-Propylbenzene	50.0	45.6		ug/L		91	69 - 127
p-Isopropyltoluene	50.0	46.0		ug/L		92	70 - 125
sec-Butylbenzene	50.0	45.7		ug/L		91	70 - 123
Styrene	50.0	47.0		ug/L		94	70 - 120
tert-Butylbenzene	50.0	45.0		ug/L		90	70 - 121
1,1,1,2-Tetrachloroethane	50.0	43.5		ug/L		87	70 - 125
1,1,1,2,2-Tetrachloroethane	50.0	44.2		ug/L		88	62 - 140
Tetrachloroethene	50.0	47.6		ug/L		95	70 - 128
Toluene	50.0	42.7		ug/L		85	70 - 125
trans-1,2-Dichloroethene	50.0	42.3		ug/L		85	70 - 125
trans-1,3-Dichloropropene	50.0	47.4		ug/L		95	62 - 128
1,2,3-Trichlorobenzene	50.0	41.3		ug/L		83	51 - 145
1,2,4-Trichlorobenzene	50.0	41.2		ug/L		82	57 - 137
1,1,1-Trichloroethane	50.0	46.1		ug/L		92	70 - 125
1,1,2-Trichloroethane	50.0	43.8		ug/L		88	71 - 130
Trichloroethene	50.0	46.5		ug/L		93	70 - 125
Trichlorofluoromethane	50.0	47.1		ug/L		94	55 - 128
1,2,3-Trichloropropane	50.0	45.4		ug/L		91	50 - 133
1,2,4-Trimethylbenzene	50.0	43.1		ug/L		86	70 - 123
1,3,5-Trimethylbenzene	50.0	44.2		ug/L		88	70 - 123
Vinyl chloride	50.0	45.7		ug/L		91	64 - 126
Xylenes, Total	100	90.7		ug/L		91	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	94		72 - 124
Dibromofluoromethane	84		75 - 120
1,2-Dichloroethane-d4 (Surr)	89		75 - 126
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: 500-151388-12 MS

Matrix: Ground Water

Analysis Batch: 450382

Client Sample ID: MW-7P

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	40.8		ug/L		82	70 - 120

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: 500-151388-12 MS
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	<0.36		50.0	43.4		ug/L		87	70 - 122
Bromochloromethane	<0.43		50.0	42.3		ug/L		85	65 - 122
Bromodichloromethane	<0.37		50.0	45.3		ug/L		91	69 - 120
Bromoform	<0.48		50.0	41.1		ug/L		82	56 - 132
Bromomethane	<0.80	F1 *	50.0	103	F1	ug/L		207	40 - 152
Carbon tetrachloride	<0.38		50.0	43.6		ug/L		87	59 - 133
Chlorobenzene	<0.39		50.0	41.1		ug/L		82	70 - 120
Chloroethane	<0.51		50.0	56.1		ug/L		112	48 - 136
Chloroform	<0.37		50.0	41.7		ug/L		83	70 - 120
Chloromethane	<0.32		50.0	43.2		ug/L		86	56 - 152
2-Chlorotoluene	<0.31		50.0	41.3		ug/L		83	70 - 125
4-Chlorotoluene	<0.35		50.0	42.2		ug/L		84	68 - 124
cis-1,2-Dichloroethene	<0.41		50.0	40.1		ug/L		80	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	42.9		ug/L		86	64 - 127
Dibromochloromethane	<0.49		50.0	48.4		ug/L		97	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	41.3		ug/L		83	56 - 123
1,2-Dibromoethane	<0.39		50.0	46.9		ug/L		94	70 - 125
Dibromomethane	<0.27		50.0	43.9		ug/L		88	70 - 120
1,2-Dichlorobenzene	<0.33		50.0	41.7		ug/L		83	70 - 125
1,3-Dichlorobenzene	<0.40		50.0	41.1		ug/L		82	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	40.5		ug/L		81	70 - 120
Dichlorodifluoromethane	<0.67		50.0	40.9		ug/L		82	40 - 159
1,1-Dichloroethane	<0.41		50.0	41.0		ug/L		82	70 - 125
1,2-Dichloroethane	<0.39		50.0	44.5		ug/L		89	68 - 127
1,1-Dichloroethene	<0.39		50.0	39.5		ug/L		79	67 - 122
1,2-Dichloropropane	<0.43		50.0	42.0		ug/L		84	67 - 130
1,3-Dichloropropane	<0.36		50.0	43.7		ug/L		87	62 - 136
2,2-Dichloropropane	<0.44		50.0	37.3		ug/L		75	58 - 139
1,1-Dichloropropene	<0.30		50.0	41.0		ug/L		82	70 - 121
Ethylbenzene	<0.18		50.0	41.2		ug/L		82	70 - 123
Hexachlorobutadiene	<0.45		50.0	42.5		ug/L		85	51 - 150
Isopropylbenzene	<0.39		50.0	41.7		ug/L		83	70 - 126
Methylene Chloride	<1.6		50.0	39.1		ug/L		78	69 - 125
Methyl tert-butyl ether	<0.39		50.0	41.2		ug/L		82	55 - 123
Naphthalene	<0.34		50.0	41.9		ug/L		84	53 - 144
n-Butylbenzene	<0.39		50.0	40.7		ug/L		81	68 - 125
N-Propylbenzene	<0.41		50.0	42.4		ug/L		85	69 - 127
p-Isopropyltoluene	<0.36		50.0	42.0		ug/L		84	70 - 125
sec-Butylbenzene	<0.40		50.0	41.6		ug/L		83	70 - 123
Styrene	<0.39		50.0	45.9		ug/L		92	70 - 120
tert-Butylbenzene	<0.40		50.0	41.8		ug/L		84	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	43.3		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	45.4		ug/L		91	62 - 140
Tetrachloroethene	6.3		50.0	48.4		ug/L		84	70 - 128
Toluene	<0.15		50.0	40.9		ug/L		82	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	39.8		ug/L		80	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	45.7		ug/L		91	62 - 128
1,2,3-Trichlorobenzene	<0.46		50.0	39.5		ug/L		79	51 - 145

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: 500-151388-12 MS
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	<0.34		50.0	37.8		ug/L		76	57 - 137
1,1,1-Trichloroethane	<0.38		50.0	42.2		ug/L		84	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	44.3		ug/L		89	71 - 130
Trichloroethene	<0.16		50.0	42.8		ug/L		86	70 - 125
Trichlorofluoromethane	<0.43		50.0	42.2		ug/L		84	55 - 128
1,2,3-Trichloropropane	<0.41		50.0	45.2		ug/L		90	50 - 133
1,2,4-Trimethylbenzene	<0.36		50.0	41.8		ug/L		84	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	42.1		ug/L		84	70 - 123
Vinyl chloride	<0.20		50.0	44.6		ug/L		89	64 - 126
Xylenes, Total	<0.22		100	86.8		ug/L		87	70 - 125
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	93		72 - 124						
Dibromofluoromethane	88		75 - 120						
1,2-Dichloroethane-d4 (Surr)	96		75 - 126						
Toluene-d8 (Surr)	93		75 - 120						

Lab Sample ID: 500-151388-12 MSD
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
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	41.7		ug/L		83	70 - 120	2	20
Bromobenzene	<0.36		50.0	44.9		ug/L		90	70 - 122	3	20
Bromochloromethane	<0.43		50.0	43.8		ug/L		88	65 - 122	3	20
Bromodichloromethane	<0.37		50.0	47.3		ug/L		95	69 - 120	4	20
Bromoform	<0.48		50.0	43.0		ug/L		86	56 - 132	5	20
Bromomethane	<0.80	F1 *	50.0	103	F1	ug/L		207	40 - 152	0	20
Carbon tetrachloride	<0.38		50.0	44.4		ug/L		89	59 - 133	2	20
Chlorobenzene	<0.39		50.0	42.7		ug/L		85	70 - 120	4	20
Chloroethane	<0.51		50.0	56.9		ug/L		114	48 - 136	1	20
Chloroform	<0.37		50.0	43.0		ug/L		86	70 - 120	3	20
Chloromethane	<0.32		50.0	43.0		ug/L		86	56 - 152	1	20
2-Chlorotoluene	<0.31		50.0	42.2		ug/L		84	70 - 125	2	20
4-Chlorotoluene	<0.35		50.0	43.2		ug/L		86	68 - 124	2	20
cis-1,2-Dichloroethene	<0.41		50.0	41.5		ug/L		83	70 - 125	3	20
cis-1,3-Dichloropropene	<0.42		50.0	44.9		ug/L		90	64 - 127	4	20
Dibromochloromethane	<0.49		50.0	50.1		ug/L		100	68 - 125	3	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	44.6		ug/L		89	56 - 123	7	20
1,2-Dibromoethane	<0.39		50.0	48.5		ug/L		97	70 - 125	3	20
Dibromomethane	<0.27		50.0	45.7		ug/L		91	70 - 120	4	20
1,2-Dichlorobenzene	<0.33		50.0	42.9		ug/L		86	70 - 125	3	20
1,3-Dichlorobenzene	<0.40		50.0	42.5		ug/L		85	70 - 125	3	20
1,4-Dichlorobenzene	<0.36		50.0	42.0		ug/L		84	70 - 120	4	20
Dichlorodifluoromethane	<0.67		50.0	41.8		ug/L		84	40 - 159	2	20
1,1-Dichloroethane	<0.41		50.0	41.8		ug/L		84	70 - 125	2	20
1,2-Dichloroethane	<0.39		50.0	45.9		ug/L		92	68 - 127	3	20
1,1-Dichloroethene	<0.39		50.0	40.1		ug/L		80	67 - 122	1	20

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: 500-151388-12 MSD
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	<0.43		50.0	42.6		ug/L		85	67 - 130	2	20
1,3-Dichloropropane	<0.36		50.0	45.3		ug/L		91	62 - 136	4	20
2,2-Dichloropropane	<0.44		50.0	39.5		ug/L		79	58 - 139	6	20
1,1-Dichloropropene	<0.30		50.0	41.1		ug/L		82	70 - 121	0	20
Ethylbenzene	<0.18		50.0	42.2		ug/L		84	70 - 123	2	20
Hexachlorobutadiene	<0.45		50.0	43.3		ug/L		87	51 - 150	2	20
Isopropylbenzene	<0.39		50.0	42.3		ug/L		85	70 - 126	1	20
Methylene Chloride	<1.6		50.0	40.4		ug/L		81	69 - 125	3	20
Methyl tert-butyl ether	<0.39		50.0	42.6		ug/L		85	55 - 123	3	20
Naphthalene	<0.34		50.0	43.9		ug/L		88	53 - 144	5	20
n-Butylbenzene	<0.39		50.0	41.4		ug/L		83	68 - 125	2	20
N-Propylbenzene	<0.41		50.0	43.1		ug/L		86	69 - 127	2	20
p-Isopropyltoluene	<0.36		50.0	42.8		ug/L		86	70 - 125	2	20
sec-Butylbenzene	<0.40		50.0	41.9		ug/L		84	70 - 123	1	20
Styrene	<0.39		50.0	47.0		ug/L		94	70 - 120	2	20
tert-Butylbenzene	<0.40		50.0	42.1		ug/L		84	70 - 121	1	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	44.8		ug/L		90	70 - 125	4	20
1,1,1,2,2-Tetrachloroethane	<0.40		50.0	46.1		ug/L		92	62 - 140	2	20
Tetrachloroethene	6.3		50.0	48.4		ug/L		84	70 - 128	0	20
Toluene	<0.15		50.0	41.6		ug/L		83	70 - 125	2	20
trans-1,2-Dichloroethene	<0.35		50.0	40.7		ug/L		81	70 - 125	2	20
trans-1,3-Dichloropropene	<0.36		50.0	47.8		ug/L		96	62 - 128	4	20
1,2,3-Trichlorobenzene	<0.46		50.0	41.9		ug/L		84	51 - 145	6	20
1,2,4-Trichlorobenzene	<0.34		50.0	39.8		ug/L		80	57 - 137	5	20
1,1,1-Trichloroethane	<0.38		50.0	43.1		ug/L		86	70 - 125	2	20
1,1,2-Trichloroethane	<0.35		50.0	45.2		ug/L		90	71 - 130	2	20
Trichloroethene	<0.16		50.0	44.3		ug/L		89	70 - 125	3	20
Trichlorofluoromethane	<0.43		50.0	42.4		ug/L		85	55 - 128	0	20
1,2,3-Trichloropropane	<0.41		50.0	46.2		ug/L		92	50 - 133	2	20
1,2,4-Trimethylbenzene	<0.36		50.0	42.6		ug/L		85	70 - 123	2	20
1,3,5-Trimethylbenzene	<0.25		50.0	42.9		ug/L		86	70 - 123	2	20
Vinyl chloride	<0.20		50.0	43.9		ug/L		88	64 - 126	2	20
Xylenes, Total	<0.22		100	88.1		ug/L		88	70 - 125	1	20

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	93		72 - 124
Dibromofluoromethane	88		75 - 120
1,2-Dichloroethane-d4 (Surr)	96		75 - 126
Toluene-d8 (Surr)	91		75 - 120

Lab Chronicle

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1
Date Collected: 09/11/18 10:10
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 12:11	JJH	TAL CHI
Total/NA	Analysis	8260B	DL	10	450382	09/18/18 12:36	JJH	TAL CHI

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	450382	09/18/18 13:02	JJH	TAL CHI
Total/NA	Analysis	8260B	DL	50	450382	09/18/18 13:27	JJH	TAL CHI

Client Sample ID: MW-3
Date Collected: 09/11/18 11:00
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	450382	09/18/18 13:53	JJH	TAL CHI
Total/NA	Analysis	8260B	DL	100	450382	09/18/18 14:18	JJH	TAL CHI

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 14:43	JJH	TAL CHI

Client Sample ID: MW-4P
Date Collected: 09/11/18 12:05
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 15:08	JJH	TAL CHI

Client Sample ID: MW-5R
Date Collected: 09/11/18 12:25
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 15:34	JJH	TAL CHI

Lab Chronicle

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R Dup

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-7

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 15:59	JJH	TAL CHI

Client Sample ID: MW-6R

Date Collected: 09/11/18 13:15

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 16:25	JJH	TAL CHI

Client Sample ID: MW-6PR

Date Collected: 09/11/18 13:20

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-9

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 16:50	JJH	TAL CHI

Client Sample ID: Trip Blank

Date Collected: 09/11/18 00:00

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 17:15	JJH	TAL CHI

Client Sample ID: MW-7

Date Collected: 09/11/18 14:50

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-11

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 17:41	JJH	TAL CHI

Client Sample ID: MW-7P

Date Collected: 09/11/18 14:55

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-12

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 18:06	JJH	TAL CHI

Laboratory References:

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

TestAmerica Chicago

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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	08-31-19

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Report To (optional) _____ Bill To (optional) _____
 Contact: Bob Langdon Contact: _____
 Company: SCS Engineers Company: _____
 Address: 2830 Dairy Dr Address: _____
 Address: Madison, WI 53718 Address: _____
 Phone: 608 224 2830 Phone: _____
 Fax: _____ Fax: _____
 E-Mail: klangdon@scseng.com RO# / Reference# _____

Chain of Custody Record

Lab Job #: 500751388
 Chain of Custody Number: _____
 Page 1 of 2
 Temperature °C of Cooler: 0.9

Client		Client Project #		Preservative	RO# / Reference#						
<u>SCS Engineers</u>		<u>25211343.92</u>		<u>HCl</u>	<u>klangdon@scseng.com</u>						
Project Name		Lab Project #		Parameter							
<u>Platteville Cleaners</u>											
Project Location/State		Lab Project #		Matrix							
<u>Platteville, WI</u>				<u>J</u>							
Sampler		Lab PM		# of Containers							
<u>Jackie Rennebohm</u>		<u>Sandie Fredesick</u>		<u>900</u>							
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix					
<u>1</u>		<u>mw-1</u>	<u>9-11-18</u>	<u>1010</u>	<u>3</u>	<u>GW</u>	<u>X</u>				
<u>2</u>		<u>mw-2</u>	<u>9-11-18</u>	<u>1040</u>	<u>1</u>		<u>X</u>				
<u>3</u>		<u>mw-3</u>	<u>9-11-18</u>	<u>1100</u>	<u>1</u>		<u>X</u>				
<u>4</u>		<u>mw4</u>	<u>9-11-18</u>	<u>1215</u>	<u>1</u>		<u>X</u>				
<u>5</u>		<u>mw-4P</u>	<u>9-11-18</u>	<u>1205</u>	<u>1</u>		<u>X</u>				
<u>6</u>		<u>mw-SR</u>	<u>9-11-18</u>	<u>1225</u>	<u>1</u>		<u>X</u>				
<u>7</u>		<u>mwSR Dup</u>	<u>9-11-18</u>	<u>1225</u>	<u>1</u>		<u>X</u>				
<u>8</u>		<u>mw LR</u>	<u>9-11-18</u>	<u>1315</u>	<u>1</u>		<u>X</u>				
<u>9</u>		<u>mw LePR</u>	<u>9-11-18</u>	<u>1320</u>	<u>1</u>		<u>X</u>				
<u>10</u>		<u>trip blank</u>	<u>9-11-18</u>		<u>3</u>	<u>HCl</u>	<u>X</u>				

- 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



500-151388 COC

Turnaround Time Required (Business Days)
 ___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days X 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 <u>Jackie Rennebohm</u>	Company <u>SCS Engineers</u>	Date <u>9-12-18</u>	Time <u>1000</u>	Received By <u>Ash Seung</u>	Company <u>TAHQ</u>	Date <u>09/13/18</u>	Time <u>0910</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier _____
 Shipped FX Priority
 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:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Report To (optional)
 Contact: Ed Langdon
 Company: SES Engineers
 Address: _____
 Address: _____
 Phone: 608 224 2630
 Fax: _____
 E-Mail: _____

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

Chain of Custody Record

Lab Job #: 500-151388

Chain of Custody Number: _____

Page 2 of 2

Temperature °C of Cooler: 0.9

Client		Client Project #		Preservative		Parameter		Matrix		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
Project Name		Lab Project #		Sampling		# of Containers		Matrix		
Project Location/State		Lab PM		Date	Time					
Lab ID	MS/MSD	Sample ID							Comments	
SCS Engineers		25211343.92		HCL						Comments NOC
Plateville Cleaners										
Plateville, WI		Sandra Frederic								
Jackie Rennebohm										
11		mw 7		9-11	1450	3	GLD	X		
12		mw 7P		9-11	1455	3	↓	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 <u>Jackie Rennebohm</u>	Company _____	Date <u>9-12-18</u>	Time <u>1000</u>	Received By <u>Audrey</u>	Company _____	Date <u>09/13/18</u>	Time <u>0910</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____
 Shipped: Ex Priority
 Hand Delivered: _____

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

Client Comments

Lab Comments:

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 500-151388-1

Login Number: 151388

List Source: TestAmerica Chicago

List Number: 1

Creator: Sanchez, Ariel M

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	0.9
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.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
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	



SCS ENGINEERS

October 4, 2018
File No. 25211343.92

JNB Iceberg Development Group, Inc.
65 North Elm Street
Platteville, WI 53818

Subject: Groundwater Monitoring Results for 35 North Elm Street, Platteville (Property)
Platteville Cleaners, WDNR BRRTS No. 02-22-550753

To Whom It May Concern:

On behalf of Platteville Cleaners, SCS Engineers (SCS) is providing recent groundwater monitoring results for a Platteville Cleaners monitoring well located on the above-noted Property (MW1). Monitoring well locations are shown on **Figure 1**.

The sampling results indicate that volatile organic compounds (VOCs) are present in groundwater in excess of regulatory standards; however, there are no water supply wells on or near the Property, so VOCs do not appear to present a drinking water health risk. It is anticipated that natural processes will decrease groundwater VOC concentrations over time.

BACKGROUND

Monitoring well MW1 was installed on the Property consistent with a 2009 Access Agreement with Platteville Cleaners. The well was installed to evaluate groundwater quality related to a historic release of tetrachloroethylene (PCE) solvent, which occurred at Platteville Cleaners, located at 250 West Main Street. Platteville Cleaners is working with the Wisconsin Department of Natural Resources (WDNR) to address remaining impacts.

A sample was collected from the well in September 2018 and was submitted to a state-certified laboratory for analysis of VOCs.

FINDINGS

The groundwater sample laboratory report is included in **Attachment A**. The September 2018 results, historic results, and applicable regulatory standards are summarized in **Table 1**.

The sample results show that PCE is present in groundwater on the Property at a concentration in excess of the WDNR's enforcement standard for drinking water. Historic results indicate that the VOC concentrations in groundwater at the Property have fluctuated with time.



The findings do not appear to present a drinking water health risk since there are no potable wells on or near the property. It is anticipated that natural processes will reduce the VOC concentrations over time.

CONTACT INFORMATION

If you have any questions concerning the sampling results feel free to contact SCS or the WDNR. Contact information is provided below:

Robert Langdon, SCS Engineers
2830 Dairy Drive
Madison, WI 53718
(608) 216-7329

Jeff Ackerman, Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711
(608) 275-3323

Sincerely,



Robert Langdon
Senior Project Manager
SCS ENGINEERS



Mark R. Huber, PE
Project Director
SCS ENGINEERS

REL/lmh/MRH

cc: Jeff Ackerman, WDNR
Tim Koeller, Platteville Cleaners

Attachments: Table 1 – Groundwater Analytical Results Summary
Figure 1 – Site Plan
Attachment A – Laboratory Report

TABLE 1

Groundwater Analytical Results Summary

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW1	3/31/2009	–	<0.20	<0.50	<0.50	0.84 J	49	<0.20	<0.20	<0.50	<0.50	ND
	6/30/2009	(1)	<0.20	<0.50	<0.50	<0.50	64	<0.20	<0.20	<0.50	<0.50	ND
	5/17/2010	–	<2.00	<4.00	<6.00	<5.00	42.5	<3.00	<2.00	<4.00	<5.00	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	15	<0.20	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	0.53 J3	26	<0.20	<0.20	<0.50	<0.50	Chloromethane 0.45 J3
	12/1/2011	–	<0.20	<0.50	<0.50	0.51 J3	13	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<10	<10	<30	<10	410 D	<10	<10	<10	<10	ND
	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	35	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	58	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	510	0.22 J3	<0.20	<0.41	<0.35	ND
MW2	3/31/2009	–	<0.20	<0.50	<0.50	<0.50	1,700	170	<0.20	6.4	<0.50	ND
	6/30/2009	(1)	<6.4	<16	<16	<16	3,200	73	<6.4	<16	<16	ND
	5/17/2010	–	<20.0	<40.0	<60.0	<50.0	2,360	<40.0	<20.0	<40.0	<50.0	ND
	9/23/2010	–	<5.0	<13	<13	<13	1,900	12 J	<5.0	<13	<13	Naphthalene 8.8 J
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	2,900	30	<0.20	6.0	<0.50	ND
	12/1/2011	–	<8.0	<20	<20	<20	3,000	40 J3	<8.0	<20	<20	ND
	4/30/2013	–	<25	<25	<75	<25	1,100 D	70 D	<25	<25	<25	ND
	4/24/2017	(2)(3)	<1.5	<1.5	<2.2	<3.9	2,500	200	<2.0	18	<3.5	ND
	6/7/2018	(4)	<1.5	<1.5	<2.2	<3.9	3,200	75	<2.0	15	<3.5	ND
9/11/2018	(6)	<0.73	<0.76	<1.1	<2.0	1,400	57	<1.0	5.6	<1.7	ND	

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
(Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW3	3/31/2009	-	<0.20	<0.50	<0.50	0.50 J	2,700	11 J	<0.20	2.9	<0.50	ND
	6/30/2009	-	<10	<25	<25	<25	2,700	10 J	<10	<25	<25	ND
	5/17/2010	-	<20.0	<40.0	<60.0	<50.0	2,700	<40.0	<20.0	<40.0	<50.0	ND
	9/23/2010	-	<5.0	<13	<13	<13	1,800	5.3 J	<5.0	<13	<13	ND
	8/9/2011	-	<3.2	<8.0	<8.0	<8.0	1,600	4.6 J3	<3.2	<8.0	<8.0	ND
	12/1/2011	-	<4.0	<10	<10	<10	1,300	<4.0	<4.0	<10	<10	ND
	4/30/2013	-	<10	<10	<30	<10	660 D	<10	<10	<10	<10	ND
	4/24/2017	(2)(3)	<2.9	<3.0	<4.4	<7.9	4,700	14	<4.1	13 J	<7.0	ND
	6/7/2018	(4)	<0.73	<0.76	<1.1	<2.0	2,700	7.8	<1.0	5.6	<1.7	ND
	9/11/2018	(6)	<1.5	<1.5	<2.2	<3.9	2,700	<1.6	<2.0	5.8 J3	<3.5	ND
MW4	5/17/2010	-	<0.20	0.47 J2	<0.60	<0.50	<u>0.74</u> J2	<0.40	<0.20	<0.40	<0.50	Ethylbenzene 0.28 J2
	9/23/2010	-	<0.20	<0.50	<0.50	<0.50	48	0.31 J	<0.20	<0.50	<0.50	ND
	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	<u>2.3</u>	<0.20	<0.20	<0.50	<0.50	ND
	12/1/2011	-	<0.20	<0.50	<0.50	<0.50	14	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	-	<0.50	<0.50	<1.50	<0.50	11	<0.50	<0.50	<0.50	<0.50	n-Hexane 0.65
	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	<u>1.2</u>	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>3.7</u>	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<u>2.5</u>	<0.16	<0.20	<0.41	<0.35	ND

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW4P	5/17/2010	–	<0.20	<0.40	<0.60	0.61 J2	<0.30	<0.40	<0.20	<0.40	<0.50	ND
	9/23/2010	–	<0.20	<0.50	<0.50	0.57 J	<0.50	<0.20	<0.20	<0.50	<0.50	Chloroform 0.29 J
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	Chloromethane 0.46 J3
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<u>1.2</u> J3	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<0.50	<0.50	<1.50	<0.50	<u>0.57</u>	<0.50	<0.50	<0.50	<0.50	ND
	4/24/2017	–	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>4.4</u>	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<u>0.59</u> J3	<0.16	<0.20	<0.41	<0.35	Chloroform 1.2 J3
MW5	5/17/2010	–	<0.20	<0.40	<0.60	<0.50	<0.30	<0.40	<0.20	<0.40	<0.50	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<0.50	<0.50	<1.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW5R	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	<u>7.9</u>	<u>1.6</u>	<0.20	1.2	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>28</u>	<u>5.8</u>	<0.20	2.0	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<u>27</u>	<u>11</u>	<0.20	4.6	<0.35	ND
	9/11/2018 (Dup)	(6)	<0.15	<0.15	<0.22	<0.39	<u>30</u>	<u>12</u>	<0.20	5.4	<0.35	ND
MW6	5/17/2010	–	<2.00	<4.00	<6.00	<5.00	<u>55</u>	<4.00	<2.00	<4.00	<5.00	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	<u>59</u>	0.41 J	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<u>110</u>	<u>0.81</u> J3	<0.20	<0.50	<0.50	ND
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<u>93</u>	<u>0.80</u> J3	<0.20	<0.50	<0.50	ND
	4/30/2013	–	<2.5	<2.5	<7.5	<2.5	<u>92</u> D	<2.5	<2.5	<2.5	<2.5	ND

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
(Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW6P	5/17/2010	-	<2.00	<4.00	<6.00	<5.00	74.3	5.26 J2	<2.00	<4.00	<5.00	ND
	9/23/2010	-	<0.40	<1.0	<1.0	<1.0	110	6.1	<0.40	<1.0	<1.0	ND
	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	18	<u>0.92</u> J3	<0.20	<0.50	<0.50	Chloromethane 0.33 J3
	12/1/2011	-	<u>0.71</u> J3	<0.50	<0.50	<0.50	9.5	0.47 J3	<0.20	<0.50	<0.50	Bromoform 1.2 J3
	4/30/2013	-	<2.5	<2.5	<7.5	<2.5	200 D	12 D	<2.5	<2.5	<2.5	ND
MW6PR	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	40	<u>1.1</u>	<0.20	<0.41	<0.35	ND
	6/7/2018 (Dup)	(4)	<0.15	0.25 J3	<0.22	<0.39	41	<u>1.1</u>	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	17	0.47 J3	<0.20	<0.41	<0.35	ND
MW6R	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	33	0.36 J3	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	28	0.30 J3	<0.20	<0.41	<0.35	ND
MW7	8/9/2011	-	<0.20	<0.50	<0.50	<0.50	20	<0.20	<0.20	<0.50	<0.50	Chloromethane 0.37 J3
	12/1/2011	-	<0.20	<0.50	<0.50	<0.50	9.1	<0.20	<0.20	<0.50	<0.50	ND
	4/30/2013	-	<0.50	<0.50	<1.50	<0.50	7.6	<0.50	<0.50	<0.50	<0.50	ND
	4/24/2017	-	<0.15	<0.15	<0.22	<0.39	12	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<u>2.6</u>	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	0.47 J3	<0.16	<0.20	<0.41	<0.35	ND

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW7P	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	12	0.22 J3	<0.20	<0.50	<0.50	ND
	12/1/2011	–	37	7.3	2.0 J3	<0.50	8.2	<0.20	0.48 J3	<0.50	<0.50	Bromomethane 0.70 J3 Chloroform 0.39 J3 Ethylbenzene 1.1 J3 Isopropylbenzene 0.47 J3 p-Isopropyltoluene 0.77 J3 Naphthalene 0.95 J3 Styrene 1.2 J3 1,3,5 TMB 0.33 J3
	4/30/2013	–	<0.50	<0.50	<1.50	<0.50	20	<i>0.54</i>	<0.50	<0.50	<0.50	ND
	4/24/2017	(3)	<0.15	<0.15	<0.22	<0.39	<i>0.5</i> J	<0.16	<0.20	<0.41	<0.35	ND
	6/7/2018	(4)(5)	<0.15	<0.15	<0.22	<0.39	11	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)(7)	<0.15	<0.15	<0.22	<0.39	6.3	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND
Trip Blank	3/31/2009	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	6/30/2009	(1)	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	5/17/2010	–	<0.20	<0.40	<0.60	<0.50	<0.30	<0.40	<0.20	<0.40	<0.50	ND
	9/23/2010	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	8/9/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	12/1/2011	–	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/24/2017	–	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	Methylene Chloride 5.2 cn
	6/7/2018	(4)	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND
	9/11/2018	(6)	<0.15	<0.15	<0.22	<0.39	<0.37	<0.16	<0.20	<0.41	<0.35	ND

Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92
 (Results are in µg/L)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs	
NR 140 Enforcement Standards (ES)			5	800	2,000	60	5	5	0.2	70	100	Bromomethane	10
												Chloroform	6
												Chloromethane	30
												Ethylbenzene	700
												n-Hexane	600
												Naphthalene	100
												Styrene	100
												TMBs	480
NR 140 Preventive Action Limits (PAL)			0.5	160	400	12	0.5	0.5	0.02	7	20	Bromomethane	1
												Chloroform	0.6
												Chloromethane	3
												Ethylbenzene	140
												n-Hexane	120
												Naphthalene	10
												Styrene	10
												TMBs	96

**Table 1. Groundwater Analytical Results Summary
Platteville Cleaners / SCS Project #25211343.92**

Abbreviations:

µg/L = micrograms per liter or parts per billion (ppb)
VC = Vinyl Chloride
-- = Not Applicable

MTBE = Methyl-tert-butyl ether
DCE = Dichloroethene
ND = Not Detected

PCE = Tetrachloroethene
TMB = Trimethylbenzene

TCE = Trichloroethene
VOCs = Volatile Organic Compounds

Notes:

NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards

NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards

As of the December 2010 ch. NR 140 Wisconsin Administrative Code, eff. 1-1-11, the ESs and PALs have changed for Toluene and Xylenes. The previous standards were:

Toluene 1,000 ES/200 PAL; Xylenes 10,000 ES/1,000 PAL.

Bold values meet or exceed NR 140 enforcement standards.

Italic values meet or exceed NR 140 preventive action limits.

Laboratory Notes/Qualifiers:

cn = Method(s) 8260B: The following sample detected Methylene Chloride above the reporting limit: Trip Blank (500-127088-9). The method blank 383264 associated with this sample did not detect Methylene Chloride. Since Methylene Chloride is a known lab contaminant and the results are just above the reporting limit; the results have been flagged with a "cn" flag to denote the probable lab contamination.

D = Data reported from a dilution.

J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

J2 = Estimated concentration below laboratory quantitation level.

J3 = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

(1) Naphthalene analysis - Analyte was detected in the associated Method Blank.

(2) Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-3 (500-127088-6) and MW-2 (500-127088-7). Elevated reporting limits (RLs) are provided.

(3) Method(s) 8260B: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). The pH, however, was outside the required criteria when verified by the laboratory: MW4 (500-127088-1), MW-7P (500-127088-3), MW-5R (500-127088-5), MW-3 (500-127088-6), MW-2 (500-127088-7), and MW-1 (500-127088-8). The sample was analyzed within 7 days per EPA recommendation, therefore no further corrective action was needed.

(4) 1,2,4-Trichlorobenzene: * = LCS or LCSD is outside acceptance limits.

(5) Naphthalene: F1 = MS and/or MSD Recovery is outside acceptance limits.

(6) Bromomethane = LCS or LCSD is outside acceptance limits.

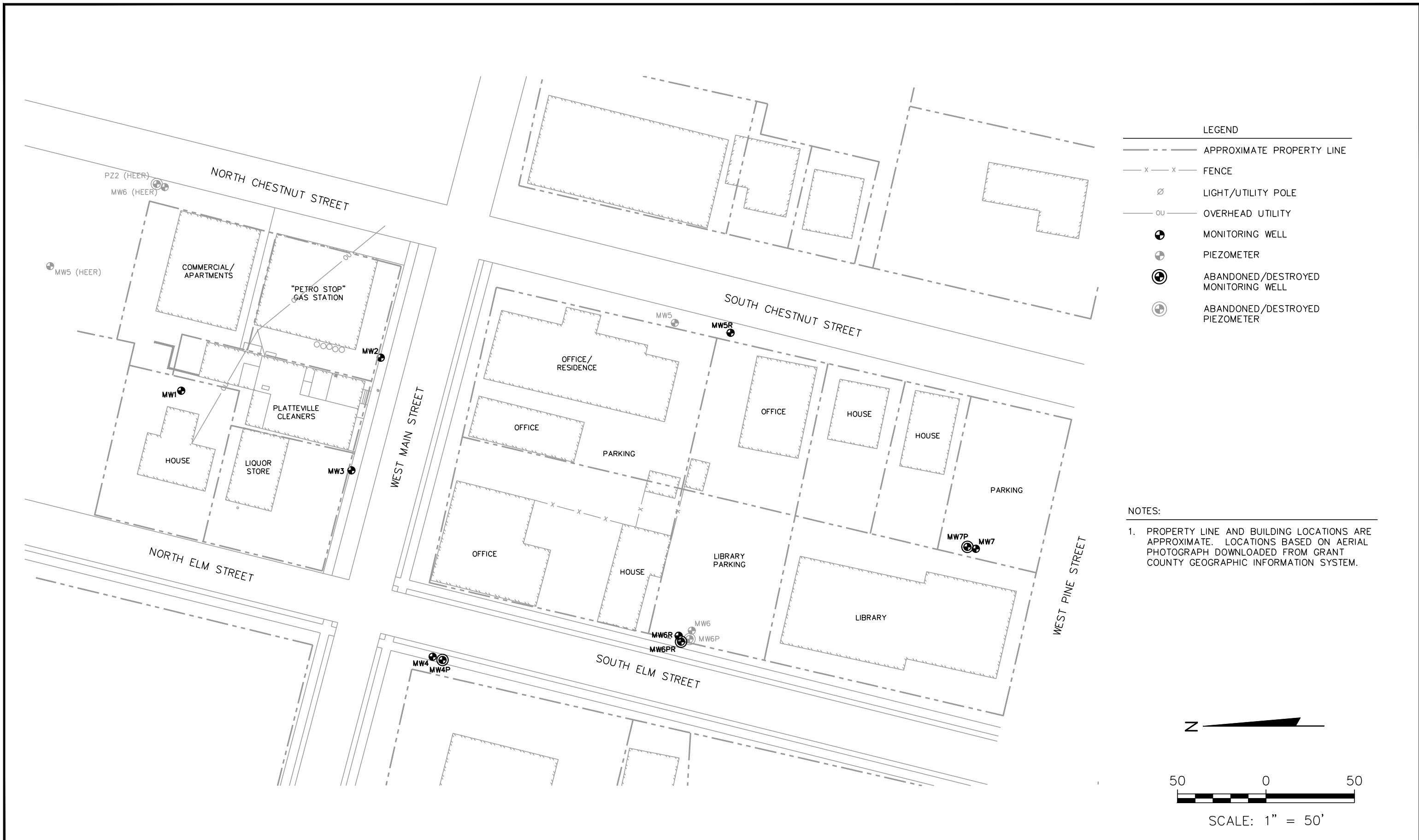
(7) Bromomethane = MS and/or MSD Recovery is outside acceptance limits.

Created by:	<u>TLR</u>	Date:	<u>4/9/2009</u>
Last revision by:	<u>JSN</u>	Date:	<u>10/1/2018</u>
Checked by:	<u>AJR</u>	Date:	<u>10/1/2018</u>

I:\3439A\Correspondence-Other\2018 GW Monitoring Results\JNB\September 2018\[Table 1_Groundwater Analytical Results Summary.xls]Notes-Lab Notes

FIGURE 1

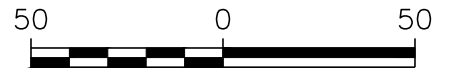
Site Plan



- LEGEND
- APPROXIMATE PROPERTY LINE
 - x - x - FENCE
 - ⊙ LIGHT/UTILITY POLE
 - O U - OVERHEAD UTILITY
 - ⊕ MONITORING WELL
 - ⊕ PIEZOMETER
 - ⊕ ABANDONED/DESTROYED MONITORING WELL
 - ⊕ ABANDONED/DESTROYED PIEZOMETER

NOTES:

1. PROPERTY LINE AND BUILDING LOCATIONS ARE APPROXIMATE. LOCATIONS BASED ON AERIAL PHOTOGRAPH DOWNLOADED FROM GRANT COUNTY GEOGRAPHIC INFORMATION SYSTEM.



SCALE: 1" = 50'

PROJECT NO. 25211343.91	DRAWN BY: KP/BJM	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN	SITE PLATTEVILLE CLEANERS 250 WEST MAIN STREET PLATTEVILLE, WISCONSIN	FIGURE 1
DRAWN: 06/18/18	CHECKED BY: REL				
REVISD: 07/05/18	APPROVED BY: REL 07/05/18				

I:\3439A\Figures-general\WTBL-2018.dwg, 7/5/2018 3:34:32 PM

ATTACHMENT A

Laboratory 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: 500-151388-1
Client Project/Site: Platteville Cleaners - 25211343.92

For:
SCS Engineers
2830 Dairy Dr
Madison, Wisconsin 53718

Attn: Mr. Robert Langdon



Authorized for release by:
9/25/2018 1:17:18 PM

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

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Case Narrative

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Job ID: 500-151388-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-151388-1

Comments

No additional comments.

Receipt

The samples were received on 9/13/2018 9:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.9° C.

Receipt Exceptions

One or more containers for the following sample was received broken or leaking: MW-3 (500-151388-3). Sample #3 had 1 out of the 3 vials sent to lab broke in transit.

GC/MS VOA

The continuing calibration verification (CCV) and laboratory control sample (LCS) associated with batch 450382 recovered above the upper control limit for Bromomethnae. The samples associated with this CCV and LCS were non-detects for the affected analytes; therefore, the data have been reported.

The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2 (500-151388-2) and MW-3 (500-151388-3). Elevated reporting limits (RLs) are provided.

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: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1

Lab Sample ID: 500-151388-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.22	J	0.50	0.16	ug/L	1		8260B	Total/NA
Tetrachloroethene - DL	510		10	3.7	ug/L	10		8260B	Total/NA

Client Sample ID: MW-2

Lab Sample ID: 500-151388-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.6		5.0	2.0	ug/L	5		8260B	Total/NA
Trichloroethene	57		2.5	0.82	ug/L	5		8260B	Total/NA
Tetrachloroethene - DL	1400		50	19	ug/L	50		8260B	Total/NA

Client Sample ID: MW-3

Lab Sample ID: 500-151388-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.8	J	10	4.1	ug/L	10		8260B	Total/NA
Tetrachloroethene - DL	2700		100	37	ug/L	100		8260B	Total/NA

Client Sample ID: MW-4

Lab Sample ID: 500-151388-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.5		1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-4P

Lab Sample ID: 500-151388-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.2	J	2.0	0.37	ug/L	1		8260B	Total/NA
Tetrachloroethene	0.59	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5R

Lab Sample ID: 500-151388-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.6		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	27		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	11		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-5R Dup

Lab Sample ID: 500-151388-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.4		1.0	0.41	ug/L	1		8260B	Total/NA
Tetrachloroethene	30		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	12		0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6R

Lab Sample ID: 500-151388-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	28		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.30	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: MW-6PR

Lab Sample ID: 500-151388-9

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Detection Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6PR (Continued)

Lab Sample ID: 500-151388-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	17		1.0	0.37	ug/L	1		8260B	Total/NA
Trichloroethene	0.47	J	0.50	0.16	ug/L	1		8260B	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 500-151388-10

No Detections.

Client Sample ID: MW-7

Lab Sample ID: 500-151388-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.47	J	1.0	0.37	ug/L	1		8260B	Total/NA

Client Sample ID: MW-7P

Lab Sample ID: 500-151388-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	6.3		1.0	0.37	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Chicago

Method Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI
5030B	Purge and Trap	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: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-151388-1	MW-1	Ground Water	09/11/18 10:10	09/13/18 09:10
500-151388-2	MW-2	Ground Water	09/11/18 10:40	09/13/18 09:10
500-151388-3	MW-3	Ground Water	09/11/18 11:00	09/13/18 09:10
500-151388-4	MW-4	Ground Water	09/11/18 12:15	09/13/18 09:10
500-151388-5	MW-4P	Ground Water	09/11/18 12:05	09/13/18 09:10
500-151388-6	MW-5R	Ground Water	09/11/18 12:25	09/13/18 09:10
500-151388-7	MW-5R Dup	Ground Water	09/11/18 12:25	09/13/18 09:10
500-151388-8	MW-6R	Ground Water	09/11/18 13:15	09/13/18 09:10
500-151388-9	MW-6PR	Ground Water	09/11/18 13:20	09/13/18 09:10
500-151388-10	Trip Blank	Water	09/11/18 00:00	09/13/18 09:10
500-151388-11	MW-7	Ground Water	09/11/18 14:50	09/13/18 09:10
500-151388-12	MW-7P	Ground Water	09/11/18 14:55	09/13/18 09:10

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1
Date Collected: 09/11/18 10:10
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 12:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 12:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 12:11	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 12:11	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 12:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 12:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 12:11	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 12:11	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 12:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 12:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 12:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 12:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 12:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 12:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 12:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 12:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 12:11	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 12:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 12:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 12:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 12:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 12:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 12:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 12:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 12:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 12:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 12:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 12:11	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 12:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 12:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 12:11	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1
Date Collected: 09/11/18 10:10
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-1
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 12:11	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 12:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 12:11	1
Trichloroethene	0.22	J	0.50	0.16	ug/L			09/18/18 12:11	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 12:11	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 12:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 12:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 12:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 12:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 12:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 12:11	1
Dibromofluoromethane	80		75 - 120		09/18/18 12:11	1
1,2-Dichloroethane-d4 (Surr)	86		75 - 126		09/18/18 12:11	1
Toluene-d8 (Surr)	96		75 - 120		09/18/18 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	510		10	3.7	ug/L			09/18/18 12:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 12:36	10
Dibromofluoromethane	80		75 - 120		09/18/18 12:36	10
1,2-Dichloroethane-d4 (Surr)	88		75 - 126		09/18/18 12:36	10
Toluene-d8 (Surr)	94		75 - 120		09/18/18 12:36	10

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.73		2.5	0.73	ug/L			09/18/18 13:02	5
Bromobenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
Bromochloromethane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
Bromodichloromethane	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Bromoform	<2.4		5.0	2.4	ug/L			09/18/18 13:02	5
Bromomethane	<4.0 *		10	4.0	ug/L			09/18/18 13:02	5
Carbon tetrachloride	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Chlorobenzene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Chloroethane	<2.5		5.0	2.5	ug/L			09/18/18 13:02	5
Chloroform	<1.9		10	1.9	ug/L			09/18/18 13:02	5
Chloromethane	<1.6		5.0	1.6	ug/L			09/18/18 13:02	5
2-Chlorotoluene	<1.6		5.0	1.6	ug/L			09/18/18 13:02	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
cis-1,2-Dichloroethene	5.6		5.0	2.0	ug/L			09/18/18 13:02	5
cis-1,3-Dichloropropene	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
Dibromochloromethane	<2.4		5.0	2.4	ug/L			09/18/18 13:02	5
1,2-Dibromo-3-Chloropropane	<10		25	10	ug/L			09/18/18 13:02	5

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Dibromomethane	<1.4		5.0	1.4	ug/L			09/18/18 13:02	5
1,2-Dichlorobenzene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,4-Dichlorobenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
Dichlorodifluoromethane	<3.4		10	3.4	ug/L			09/18/18 13:02	5
1,1-Dichloroethane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,2-Dichloroethane	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,1-Dichloroethene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,2-Dichloropropane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,3-Dichloropropane	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
2,2-Dichloropropane	<2.2		5.0	2.2	ug/L			09/18/18 13:02	5
1,1-Dichloropropene	<1.5		5.0	1.5	ug/L			09/18/18 13:02	5
Ethylbenzene	<0.92		2.5	0.92	ug/L			09/18/18 13:02	5
Hexachlorobutadiene	<2.2		5.0	2.2	ug/L			09/18/18 13:02	5
Isopropylbenzene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
Isopropyl ether	<1.4		5.0	1.4	ug/L			09/18/18 13:02	5
Methylene Chloride	<8.2		25	8.2	ug/L			09/18/18 13:02	5
Methyl tert-butyl ether	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
Naphthalene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
n-Butylbenzene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
N-Propylbenzene	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
p-Isopropyltoluene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
sec-Butylbenzene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
Styrene	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
tert-Butylbenzene	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
1,1,1,2-Tetrachloroethane	<2.3		5.0	2.3	ug/L			09/18/18 13:02	5
1,1,2,2-Tetrachloroethane	<2.0		5.0	2.0	ug/L			09/18/18 13:02	5
Toluene	<0.76		2.5	0.76	ug/L			09/18/18 13:02	5
trans-1,2-Dichloroethene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
trans-1,3-Dichloropropene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
1,2,3-Trichlorobenzene	<2.3		5.0	2.3	ug/L			09/18/18 13:02	5
1,2,4-Trichlorobenzene	<1.7		5.0	1.7	ug/L			09/18/18 13:02	5
1,1,1-Trichloroethane	<1.9		5.0	1.9	ug/L			09/18/18 13:02	5
1,1,2-Trichloroethane	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
Trichloroethene	57		2.5	0.82	ug/L			09/18/18 13:02	5
Trichlorofluoromethane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,2,3-Trichloropropane	<2.1		5.0	2.1	ug/L			09/18/18 13:02	5
1,2,4-Trimethylbenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:02	5
1,3,5-Trimethylbenzene	<1.3		5.0	1.3	ug/L			09/18/18 13:02	5
Vinyl chloride	<1.0		5.0	1.0	ug/L			09/18/18 13:02	5
Xylenes, Total	<1.1		5.0	1.1	ug/L			09/18/18 13:02	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 13:02	5
Dibromofluoromethane	81		75 - 120		09/18/18 13:02	5
1,2-Dichloroethane-d4 (Surr)	87		75 - 126		09/18/18 13:02	5
Toluene-d8 (Surr)	95		75 - 120		09/18/18 13:02	5

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	1400		50	19	ug/L			09/18/18 13:27	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					09/18/18 13:27	50
Dibromofluoromethane	83		75 - 120					09/18/18 13:27	50
1,2-Dichloroethane-d4 (Surr)	90		75 - 126					09/18/18 13:27	50
Toluene-d8 (Surr)	95		75 - 120					09/18/18 13:27	50

Client Sample ID: MW-3
Date Collected: 09/11/18 11:00
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<1.5		5.0	1.5	ug/L			09/18/18 13:53	10
Bromobenzene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
Bromochloromethane	<4.3		10	4.3	ug/L			09/18/18 13:53	10
Bromodichloromethane	<3.7		10	3.7	ug/L			09/18/18 13:53	10
Bromoform	<4.8		10	4.8	ug/L			09/18/18 13:53	10
Bromomethane	<8.0 *		20	8.0	ug/L			09/18/18 13:53	10
Carbon tetrachloride	<3.8		10	3.8	ug/L			09/18/18 13:53	10
Chlorobenzene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
Chloroethane	<5.1		10	5.1	ug/L			09/18/18 13:53	10
Chloroform	<3.7		20	3.7	ug/L			09/18/18 13:53	10
Chloromethane	<3.2		10	3.2	ug/L			09/18/18 13:53	10
2-Chlorotoluene	<3.1		10	3.1	ug/L			09/18/18 13:53	10
4-Chlorotoluene	<3.5		10	3.5	ug/L			09/18/18 13:53	10
cis-1,2-Dichloroethene	5.8 J		10	4.1	ug/L			09/18/18 13:53	10
cis-1,3-Dichloropropene	<4.2		10	4.2	ug/L			09/18/18 13:53	10
Dibromochloromethane	<4.9		10	4.9	ug/L			09/18/18 13:53	10
1,2-Dibromo-3-Chloropropane	<20		50	20	ug/L			09/18/18 13:53	10
1,2-Dibromoethane	<3.9		10	3.9	ug/L			09/18/18 13:53	10
Dibromomethane	<2.7		10	2.7	ug/L			09/18/18 13:53	10
1,2-Dichlorobenzene	<3.3		10	3.3	ug/L			09/18/18 13:53	10
1,3-Dichlorobenzene	<4.0		10	4.0	ug/L			09/18/18 13:53	10
1,4-Dichlorobenzene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
Dichlorodifluoromethane	<6.7		20	6.7	ug/L			09/18/18 13:53	10
1,1-Dichloroethane	<4.1		10	4.1	ug/L			09/18/18 13:53	10
1,2-Dichloroethane	<3.9		10	3.9	ug/L			09/18/18 13:53	10
1,1-Dichloroethene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
1,2-Dichloropropane	<4.3		10	4.3	ug/L			09/18/18 13:53	10
1,3-Dichloropropane	<3.6		10	3.6	ug/L			09/18/18 13:53	10
2,2-Dichloropropane	<4.4		10	4.4	ug/L			09/18/18 13:53	10
1,1-Dichloropropene	<3.0		10	3.0	ug/L			09/18/18 13:53	10
Ethylbenzene	<1.8		5.0	1.8	ug/L			09/18/18 13:53	10
Hexachlorobutadiene	<4.5		10	4.5	ug/L			09/18/18 13:53	10
Isopropylbenzene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
Isopropyl ether	<2.8		10	2.8	ug/L			09/18/18 13:53	10
Methylene Chloride	<16		50	16	ug/L			09/18/18 13:53	10
Methyl tert-butyl ether	<3.9		10	3.9	ug/L			09/18/18 13:53	10

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-3
Date Collected: 09/11/18 11:00
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-3
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<3.4		10	3.4	ug/L			09/18/18 13:53	10
n-Butylbenzene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
N-Propylbenzene	<4.1		10	4.1	ug/L			09/18/18 13:53	10
p-Isopropyltoluene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
sec-Butylbenzene	<4.0		10	4.0	ug/L			09/18/18 13:53	10
Styrene	<3.9		10	3.9	ug/L			09/18/18 13:53	10
tert-Butylbenzene	<4.0		10	4.0	ug/L			09/18/18 13:53	10
1,1,1,2-Tetrachloroethane	<4.6		10	4.6	ug/L			09/18/18 13:53	10
1,1,1,2,2-Tetrachloroethane	<4.0		10	4.0	ug/L			09/18/18 13:53	10
Toluene	<1.5		5.0	1.5	ug/L			09/18/18 13:53	10
trans-1,2-Dichloroethene	<3.5		10	3.5	ug/L			09/18/18 13:53	10
trans-1,3-Dichloropropene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
1,2,3-Trichlorobenzene	<4.6		10	4.6	ug/L			09/18/18 13:53	10
1,2,4-Trichlorobenzene	<3.4		10	3.4	ug/L			09/18/18 13:53	10
1,1,1-Trichloroethane	<3.8		10	3.8	ug/L			09/18/18 13:53	10
1,1,2-Trichloroethane	<3.5		10	3.5	ug/L			09/18/18 13:53	10
Trichloroethene	<1.6		5.0	1.6	ug/L			09/18/18 13:53	10
Trichlorofluoromethane	<4.3		10	4.3	ug/L			09/18/18 13:53	10
1,2,3-Trichloropropane	<4.1		10	4.1	ug/L			09/18/18 13:53	10
1,2,4-Trimethylbenzene	<3.6		10	3.6	ug/L			09/18/18 13:53	10
1,3,5-Trimethylbenzene	<2.5		10	2.5	ug/L			09/18/18 13:53	10
Vinyl chloride	<2.0		10	2.0	ug/L			09/18/18 13:53	10
Xylenes, Total	<2.2		10	2.2	ug/L			09/18/18 13:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 13:53	10
Dibromofluoromethane	84		75 - 120		09/18/18 13:53	10
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		09/18/18 13:53	10
Toluene-d8 (Surr)	94		75 - 120		09/18/18 13:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	2700		100	37	ug/L			09/18/18 14:18	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 14:18	100
Dibromofluoromethane	83		75 - 120		09/18/18 14:18	100
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		09/18/18 14:18	100
Toluene-d8 (Surr)	93		75 - 120		09/18/18 14:18	100

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 14:43	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 14:43	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 14:43	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 14:43	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 14:43	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 14:43	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 14:43	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 14:43	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 14:43	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 14:43	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 14:43	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 14:43	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 14:43	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 14:43	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 14:43	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 14:43	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 14:43	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 14:43	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 14:43	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 14:43	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 14:43	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 14:43	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 14:43	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 14:43	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 14:43	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 14:43	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 14:43	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 14:43	1
Tetrachloroethene	2.5		1.0	0.37	ug/L			09/18/18 14:43	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 14:43	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 14:43	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 14:43	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 14:43	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 14:43	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 14:43	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-4

Date Collected: 09/11/18 12:15

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 14:43	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 14:43	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 14:43	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 14:43	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 14:43	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 14:43	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 14:43	1
Dibromofluoromethane	83		75 - 120		09/18/18 14:43	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 126		09/18/18 14:43	1
Toluene-d8 (Surr)	92		75 - 120		09/18/18 14:43	1

Client Sample ID: MW-4P

Date Collected: 09/11/18 12:05

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 15:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:08	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 15:08	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 15:08	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 15:08	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 15:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 15:08	1
Chloroform	1.2	J	2.0	0.37	ug/L			09/18/18 15:08	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 15:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 15:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 15:08	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 15:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 15:08	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 15:08	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 15:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 15:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 15:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 15:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 15:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 15:08	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-4P

Date Collected: 09/11/18 12:05

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-5

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 15:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 15:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 15:08	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 15:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 15:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 15:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 15:08	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 15:08	1
Tetrachloroethene	0.59	J	1.0	0.37	ug/L			09/18/18 15:08	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 15:08	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 15:08	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 15:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 15:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 15:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 15:08	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 15:08	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:08	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 15:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 15:08	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 15:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 15:08	1
Dibromofluoromethane	84		75 - 120		09/18/18 15:08	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		09/18/18 15:08	1
Toluene-d8 (Surr)	92		75 - 120		09/18/18 15:08	1

Client Sample ID: MW-5R

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 15:34	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:34	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 15:34	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 15:34	1
Bromomethane	<0.80	*	2.0	0.80	ug/L			09/18/18 15:34	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 15:34	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 15:34	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 15:34	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 15:34	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 15:34	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 15:34	1
cis-1,2-Dichloroethene	4.6		1.0	0.41	ug/L			09/18/18 15:34	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 15:34	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 15:34	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 15:34	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 15:34	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 15:34	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 15:34	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 15:34	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 15:34	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 15:34	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 15:34	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 15:34	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 15:34	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 15:34	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 15:34	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 15:34	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 15:34	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 15:34	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 15:34	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 15:34	1
Tetrachloroethene	27		1.0	0.37	ug/L			09/18/18 15:34	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 15:34	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 15:34	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 15:34	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 15:34	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 15:34	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 15:34	1
Trichloroethene	11		0.50	0.16	ug/L			09/18/18 15:34	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:34	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 15:34	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:34	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 15:34	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 15:34	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					09/18/18 15:34	1
Dibromofluoromethane	85		75 - 120					09/18/18 15:34	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					09/18/18 15:34	1
Toluene-d8 (Surr)	93		75 - 120					09/18/18 15:34	1

Client Sample ID: MW-5R Dup

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-7

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 15:59	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:59	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 15:59	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 15:59	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 15:59	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 15:59	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 15:59	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 15:59	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 15:59	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 15:59	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 15:59	1
cis-1,2-Dichloroethene	5.4		1.0	0.41	ug/L			09/18/18 15:59	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 15:59	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 15:59	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 15:59	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 15:59	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 15:59	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 15:59	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 15:59	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 15:59	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 15:59	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 15:59	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 15:59	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 15:59	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R Dup

Lab Sample ID: 500-151388-7

Date Collected: 09/11/18 12:25

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 15:59	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 15:59	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 15:59	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 15:59	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 15:59	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 15:59	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 15:59	1
Tetrachloroethene	30		1.0	0.37	ug/L			09/18/18 15:59	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 15:59	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 15:59	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 15:59	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 15:59	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 15:59	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 15:59	1
Trichloroethene	12		0.50	0.16	ug/L			09/18/18 15:59	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 15:59	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 15:59	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 15:59	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 15:59	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 15:59	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		09/18/18 15:59	1
Dibromofluoromethane	85		75 - 120		09/18/18 15:59	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126		09/18/18 15:59	1
Toluene-d8 (Surr)	94		75 - 120		09/18/18 15:59	1

Client Sample ID: MW-6R

Lab Sample ID: 500-151388-8

Date Collected: 09/11/18 13:15

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 16:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 16:25	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 16:25	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 16:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 16:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 16:25	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 16:25	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6R

Lab Sample ID: 500-151388-8

Date Collected: 09/11/18 13:15

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 16:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 16:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 16:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 16:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 16:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 16:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 16:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 16:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 16:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 16:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 16:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 16:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 16:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 16:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 16:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 16:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 16:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 16:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 16:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 16:25	1
Tetrachloroethene	28		1.0	0.37	ug/L			09/18/18 16:25	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 16:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 16:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 16:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 16:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 16:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 16:25	1
Trichloroethene	0.30 J		0.50	0.16	ug/L			09/18/18 16:25	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:25	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 16:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 16:25	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 16:25	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6R

Date Collected: 09/11/18 13:15

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-8

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 16:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124					09/18/18 16:25	1
Dibromofluoromethane	86		75 - 120					09/18/18 16:25	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 126					09/18/18 16:25	1
Toluene-d8 (Surr)	93		75 - 120					09/18/18 16:25	1

Client Sample ID: MW-6PR

Date Collected: 09/11/18 13:20

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-9

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 16:50	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:50	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 16:50	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 16:50	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 16:50	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 16:50	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 16:50	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 16:50	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 16:50	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 16:50	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 16:50	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 16:50	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 16:50	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 16:50	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 16:50	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 16:50	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 16:50	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 16:50	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 16:50	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 16:50	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 16:50	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 16:50	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 16:50	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 16:50	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-6PR

Lab Sample ID: 500-151388-9

Date Collected: 09/11/18 13:20

Matrix: Ground Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 16:50	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 16:50	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 16:50	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 16:50	1
Tetrachloroethene	17		1.0	0.37	ug/L			09/18/18 16:50	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 16:50	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 16:50	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 16:50	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 16:50	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 16:50	1
1,1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 16:50	1
Trichloroethene	0.47 J		0.50	0.16	ug/L			09/18/18 16:50	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 16:50	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 16:50	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 16:50	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 16:50	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 16:50	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 124		09/18/18 16:50	1
Dibromofluoromethane	87		75 - 120		09/18/18 16:50	1
1,2-Dichloroethane-d4 (Surr)	96		75 - 126		09/18/18 16:50	1
Toluene-d8 (Surr)	93		75 - 120		09/18/18 16:50	1

Client Sample ID: Trip Blank

Lab Sample ID: 500-151388-10

Date Collected: 09/11/18 00:00

Matrix: Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 17:15	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:15	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 17:15	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 17:15	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 17:15	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 17:15	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 17:15	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 17:15	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 17:15	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 17:15	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 17:15	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: Trip Blank

Lab Sample ID: 500-151388-10

Date Collected: 09/11/18 00:00

Matrix: Water

Date Received: 09/13/18 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 17:15	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 17:15	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 17:15	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 17:15	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 17:15	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 17:15	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 17:15	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 17:15	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 17:15	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 17:15	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 17:15	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 17:15	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 17:15	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 17:15	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 17:15	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 17:15	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 17:15	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/18/18 17:15	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 17:15	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 17:15	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 17:15	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 17:15	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 17:15	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 17:15	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 17:15	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:15	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 17:15	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:15	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 17:15	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 17:15	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 17:15	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: Trip Blank

Date Collected: 09/11/18 00:00

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-10

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane	88		75 - 120		09/18/18 17:15	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		09/18/18 17:15	1
Toluene-d8 (Surr)	90		75 - 120		09/18/18 17:15	1

Client Sample ID: MW-7

Date Collected: 09/11/18 14:50

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-11

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 17:41	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:41	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 17:41	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 17:41	1
Bromomethane	<0.80 *		2.0	0.80	ug/L			09/18/18 17:41	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 17:41	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 17:41	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 17:41	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 17:41	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 17:41	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 17:41	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 17:41	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 17:41	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 17:41	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 17:41	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 17:41	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 17:41	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 17:41	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 17:41	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 17:41	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 17:41	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 17:41	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 17:41	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 17:41	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 17:41	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-7
Date Collected: 09/11/18 14:50
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-11
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 17:41	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 17:41	1
1,1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 17:41	1
Tetrachloroethene	0.47	J	1.0	0.37	ug/L			09/18/18 17:41	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 17:41	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 17:41	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 17:41	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 17:41	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 17:41	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 17:41	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 17:41	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 17:41	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 17:41	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 17:41	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 17:41	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 17:41	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 17:41	1
Dibromofluoromethane	87		75 - 120		09/18/18 17:41	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		09/18/18 17:41	1
Toluene-d8 (Surr)	93		75 - 120		09/18/18 17:41	1

Client Sample ID: MW-7P
Date Collected: 09/11/18 14:55
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-12
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 18:06	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 18:06	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 18:06	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 18:06	1
Bromomethane	<0.80	F1 *	2.0	0.80	ug/L			09/18/18 18:06	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 18:06	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 18:06	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 18:06	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 18:06	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 18:06	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 18:06	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 18:06	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 18:06	1

TestAmerica Chicago

Client Sample Results

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-7P

Date Collected: 09/11/18 14:55

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-12

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 18:06	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 18:06	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 18:06	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 18:06	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 18:06	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 18:06	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 18:06	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 18:06	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 18:06	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 18:06	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 18:06	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 18:06	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 18:06	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 18:06	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 18:06	1
Tetrachloroethene	6.3		1.0	0.37	ug/L			09/18/18 18:06	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 18:06	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 18:06	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 18:06	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 18:06	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 18:06	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 18:06	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 18:06	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 18:06	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 18:06	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 18:06	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 18:06	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 18:06	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 18:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 124		09/18/18 18:06	1
Dibromofluoromethane	87		75 - 120		09/18/18 18:06	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		09/18/18 18:06	1
Toluene-d8 (Surr)	92		75 - 120		09/18/18 18:06	1

TestAmerica Chicago

Definitions/Glossary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

QC Association Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

GC/MS VOA

Analysis Batch: 450382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-151388-1	MW-1	Total/NA	Ground Water	8260B	
500-151388-1 - DL	MW-1	Total/NA	Ground Water	8260B	
500-151388-2	MW-2	Total/NA	Ground Water	8260B	
500-151388-2 - DL	MW-2	Total/NA	Ground Water	8260B	
500-151388-3	MW-3	Total/NA	Ground Water	8260B	
500-151388-3 - DL	MW-3	Total/NA	Ground Water	8260B	
500-151388-4	MW-4	Total/NA	Ground Water	8260B	
500-151388-5	MW-4P	Total/NA	Ground Water	8260B	
500-151388-6	MW-5R	Total/NA	Ground Water	8260B	
500-151388-7	MW-5R Dup	Total/NA	Ground Water	8260B	
500-151388-8	MW-6R	Total/NA	Ground Water	8260B	
500-151388-9	MW-6PR	Total/NA	Ground Water	8260B	
500-151388-10	Trip Blank	Total/NA	Water	8260B	
500-151388-11	MW-7	Total/NA	Ground Water	8260B	
500-151388-12	MW-7P	Total/NA	Ground Water	8260B	
MB 500-450382/6	Method Blank	Total/NA	Water	8260B	
LCS 500-450382/4	Lab Control Sample	Total/NA	Water	8260B	
500-151388-12 MS	MW-7P	Total/NA	Ground Water	8260B	
500-151388-12 MSD	MW-7P	Total/NA	Ground Water	8260B	

Surrogate Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Matrix: Ground Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-151388-1	MW-1	94	80	86	96
500-151388-1 - DL	MW-1	95	80	88	94
500-151388-2 - DL	MW-2	93	83	90	95
500-151388-2	MW-2	95	81	87	95
500-151388-3	MW-3	95	84	92	94
500-151388-3 - DL	MW-3	95	83	92	93
500-151388-4	MW-4	95	83	92	92
500-151388-5	MW-4P	94	84	93	92
500-151388-6	MW-5R	93	85	95	93
500-151388-7	MW-5R Dup	93	85	95	94
500-151388-8	MW-6R	93	86	95	93
500-151388-9	MW-6PR	93	87	96	93
500-151388-11	MW-7	94	87	97	93
500-151388-12	MW-7P	95	87	98	92
500-151388-12 MS	MW-7P	93	88	96	93
500-151388-12 MSD	MW-7P	93	88	96	91

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB	DBFM	DCA	TOL
		(72-124)	(75-120)	(75-126)	(75-120)
500-151388-10	Trip Blank	95	88	99	90
LCS 500-450382/4	Lab Control Sample	94	84	89	93
MB 500-450382/6	Method Blank	94	85	93	93

Surrogate Legend

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

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: MB 500-450382/6

Matrix: Water

Analysis Batch: 450382

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.15		0.50	0.15	ug/L			09/18/18 11:45	1
Bromobenzene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			09/18/18 11:45	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			09/18/18 11:45	1
Bromoform	<0.48		1.0	0.48	ug/L			09/18/18 11:45	1
Bromomethane	<0.80		2.0	0.80	ug/L			09/18/18 11:45	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			09/18/18 11:45	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Chloroethane	<0.51		1.0	0.51	ug/L			09/18/18 11:45	1
Chloroform	<0.37		2.0	0.37	ug/L			09/18/18 11:45	1
Chloromethane	<0.32		1.0	0.32	ug/L			09/18/18 11:45	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			09/18/18 11:45	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			09/18/18 11:45	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			09/18/18 11:45	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			09/18/18 11:45	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			09/18/18 11:45	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Dibromomethane	<0.27		1.0	0.27	ug/L			09/18/18 11:45	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			09/18/18 11:45	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
Dichlorodifluoromethane	<0.67		2.0	0.67	ug/L			09/18/18 11:45	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			09/18/18 11:45	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
2,2-Dichloropropane	<0.44		1.0	0.44	ug/L			09/18/18 11:45	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			09/18/18 11:45	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			09/18/18 11:45	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			09/18/18 11:45	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			09/18/18 11:45	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			09/18/18 11:45	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
Naphthalene	<0.34		1.0	0.34	ug/L			09/18/18 11:45	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
Styrene	<0.39		1.0	0.39	ug/L			09/18/18 11:45	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			09/18/18 11:45	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			09/18/18 11:45	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			09/18/18 11:45	1
Toluene	<0.15		0.50	0.15	ug/L			09/18/18 11:45	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			09/18/18 11:45	1

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: MB 500-450382/6
Matrix: Water
Analysis Batch: 450382

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			09/18/18 11:45	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			09/18/18 11:45	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			09/18/18 11:45	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			09/18/18 11:45	1
Trichloroethene	<0.16		0.50	0.16	ug/L			09/18/18 11:45	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			09/18/18 11:45	1
1,2,3-Trichloropropane	<0.41		1.0	0.41	ug/L			09/18/18 11:45	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			09/18/18 11:45	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			09/18/18 11:45	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			09/18/18 11:45	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			09/18/18 11:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 124		09/18/18 11:45	1
Dibromofluoromethane	85		75 - 120		09/18/18 11:45	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 126		09/18/18 11:45	1
Toluene-d8 (Surr)	93		75 - 120		09/18/18 11:45	1

Lab Sample ID: LCS 500-450382/4
Matrix: Water
Analysis Batch: 450382

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	41.7		ug/L		83	70 - 120
Bromobenzene	50.0	43.8		ug/L		88	70 - 122
Bromochloromethane	50.0	42.4		ug/L		85	65 - 122
Bromodichloromethane	50.0	44.8		ug/L		90	69 - 120
Bromoform	50.0	42.3		ug/L		85	56 - 132
Bromomethane	50.0	99.2	*	ug/L		198	40 - 152
Carbon tetrachloride	50.0	48.9		ug/L		98	59 - 133
Chlorobenzene	50.0	42.3		ug/L		85	70 - 120
Chloroethane	50.0	56.6		ug/L		113	48 - 136
Chloroform	50.0	41.5		ug/L		83	70 - 120
Chloromethane	50.0	40.7		ug/L		81	56 - 152
2-Chlorotoluene	50.0	42.4		ug/L		85	70 - 125
4-Chlorotoluene	50.0	43.2		ug/L		86	68 - 124
cis-1,2-Dichloroethene	50.0	40.9		ug/L		82	70 - 125
cis-1,3-Dichloropropene	50.0	45.5		ug/L		91	64 - 127
Dibromochloromethane	50.0	48.4		ug/L		97	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	41.7		ug/L		83	56 - 123
1,2-Dibromoethane	50.0	47.9		ug/L		96	70 - 125
Dibromomethane	50.0	43.5		ug/L		87	70 - 120
1,2-Dichlorobenzene	50.0	41.5		ug/L		83	70 - 125
1,3-Dichlorobenzene	50.0	42.4		ug/L		85	70 - 125
1,4-Dichlorobenzene	50.0	41.8		ug/L		84	70 - 120
Dichlorodifluoromethane	50.0	48.5		ug/L		97	40 - 159
1,1-Dichloroethane	50.0	41.6		ug/L		83	70 - 125

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: LCS 500-450382/4
Matrix: Water
Analysis Batch: 450382

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	42.5		ug/L		85	68 - 127
1,1-Dichloroethene	50.0	44.6		ug/L		89	67 - 122
1,2-Dichloropropane	50.0	41.0		ug/L		82	67 - 130
1,3-Dichloropropane	50.0	43.3		ug/L		87	62 - 136
2,2-Dichloropropane	50.0	45.2		ug/L		90	58 - 139
1,1-Dichloropropene	50.0	44.9		ug/L		90	70 - 121
Ethylbenzene	50.0	43.9		ug/L		88	70 - 123
Hexachlorobutadiene	50.0	47.4		ug/L		95	51 - 150
Isopropylbenzene	50.0	45.3		ug/L		91	70 - 126
Methylene Chloride	50.0	39.1		ug/L		78	69 - 125
Methyl tert-butyl ether	50.0	40.9		ug/L		82	55 - 123
Naphthalene	50.0	42.8		ug/L		86	53 - 144
n-Butylbenzene	50.0	45.5		ug/L		91	68 - 125
N-Propylbenzene	50.0	45.6		ug/L		91	69 - 127
p-Isopropyltoluene	50.0	46.0		ug/L		92	70 - 125
sec-Butylbenzene	50.0	45.7		ug/L		91	70 - 123
Styrene	50.0	47.0		ug/L		94	70 - 120
tert-Butylbenzene	50.0	45.0		ug/L		90	70 - 121
1,1,1,2-Tetrachloroethane	50.0	43.5		ug/L		87	70 - 125
1,1,1,2,2-Tetrachloroethane	50.0	44.2		ug/L		88	62 - 140
Tetrachloroethene	50.0	47.6		ug/L		95	70 - 128
Toluene	50.0	42.7		ug/L		85	70 - 125
trans-1,2-Dichloroethene	50.0	42.3		ug/L		85	70 - 125
trans-1,3-Dichloropropene	50.0	47.4		ug/L		95	62 - 128
1,2,3-Trichlorobenzene	50.0	41.3		ug/L		83	51 - 145
1,2,4-Trichlorobenzene	50.0	41.2		ug/L		82	57 - 137
1,1,1-Trichloroethane	50.0	46.1		ug/L		92	70 - 125
1,1,2-Trichloroethane	50.0	43.8		ug/L		88	71 - 130
Trichloroethene	50.0	46.5		ug/L		93	70 - 125
Trichlorofluoromethane	50.0	47.1		ug/L		94	55 - 128
1,2,3-Trichloropropane	50.0	45.4		ug/L		91	50 - 133
1,2,4-Trimethylbenzene	50.0	43.1		ug/L		86	70 - 123
1,3,5-Trimethylbenzene	50.0	44.2		ug/L		88	70 - 123
Vinyl chloride	50.0	45.7		ug/L		91	64 - 126
Xylenes, Total	100	90.7		ug/L		91	70 - 125

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	94		72 - 124
Dibromofluoromethane	84		75 - 120
1,2-Dichloroethane-d4 (Surr)	89		75 - 126
Toluene-d8 (Surr)	93		75 - 120

Lab Sample ID: 500-151388-12 MS
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
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	40.8		ug/L		82	70 - 120

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: 500-151388-12 MS
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	<0.36		50.0	43.4		ug/L		87	70 - 122
Bromochloromethane	<0.43		50.0	42.3		ug/L		85	65 - 122
Bromodichloromethane	<0.37		50.0	45.3		ug/L		91	69 - 120
Bromoform	<0.48		50.0	41.1		ug/L		82	56 - 132
Bromomethane	<0.80	F1 *	50.0	103	F1	ug/L		207	40 - 152
Carbon tetrachloride	<0.38		50.0	43.6		ug/L		87	59 - 133
Chlorobenzene	<0.39		50.0	41.1		ug/L		82	70 - 120
Chloroethane	<0.51		50.0	56.1		ug/L		112	48 - 136
Chloroform	<0.37		50.0	41.7		ug/L		83	70 - 120
Chloromethane	<0.32		50.0	43.2		ug/L		86	56 - 152
2-Chlorotoluene	<0.31		50.0	41.3		ug/L		83	70 - 125
4-Chlorotoluene	<0.35		50.0	42.2		ug/L		84	68 - 124
cis-1,2-Dichloroethene	<0.41		50.0	40.1		ug/L		80	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	42.9		ug/L		86	64 - 127
Dibromochloromethane	<0.49		50.0	48.4		ug/L		97	68 - 125
1,2-Dibromo-3-Chloropropane	<2.0		50.0	41.3		ug/L		83	56 - 123
1,2-Dibromoethane	<0.39		50.0	46.9		ug/L		94	70 - 125
Dibromomethane	<0.27		50.0	43.9		ug/L		88	70 - 120
1,2-Dichlorobenzene	<0.33		50.0	41.7		ug/L		83	70 - 125
1,3-Dichlorobenzene	<0.40		50.0	41.1		ug/L		82	70 - 125
1,4-Dichlorobenzene	<0.36		50.0	40.5		ug/L		81	70 - 120
Dichlorodifluoromethane	<0.67		50.0	40.9		ug/L		82	40 - 159
1,1-Dichloroethane	<0.41		50.0	41.0		ug/L		82	70 - 125
1,2-Dichloroethane	<0.39		50.0	44.5		ug/L		89	68 - 127
1,1-Dichloroethene	<0.39		50.0	39.5		ug/L		79	67 - 122
1,2-Dichloropropane	<0.43		50.0	42.0		ug/L		84	67 - 130
1,3-Dichloropropane	<0.36		50.0	43.7		ug/L		87	62 - 136
2,2-Dichloropropane	<0.44		50.0	37.3		ug/L		75	58 - 139
1,1-Dichloropropene	<0.30		50.0	41.0		ug/L		82	70 - 121
Ethylbenzene	<0.18		50.0	41.2		ug/L		82	70 - 123
Hexachlorobutadiene	<0.45		50.0	42.5		ug/L		85	51 - 150
Isopropylbenzene	<0.39		50.0	41.7		ug/L		83	70 - 126
Methylene Chloride	<1.6		50.0	39.1		ug/L		78	69 - 125
Methyl tert-butyl ether	<0.39		50.0	41.2		ug/L		82	55 - 123
Naphthalene	<0.34		50.0	41.9		ug/L		84	53 - 144
n-Butylbenzene	<0.39		50.0	40.7		ug/L		81	68 - 125
N-Propylbenzene	<0.41		50.0	42.4		ug/L		85	69 - 127
p-Isopropyltoluene	<0.36		50.0	42.0		ug/L		84	70 - 125
sec-Butylbenzene	<0.40		50.0	41.6		ug/L		83	70 - 123
Styrene	<0.39		50.0	45.9		ug/L		92	70 - 120
tert-Butylbenzene	<0.40		50.0	41.8		ug/L		84	70 - 121
1,1,1,2-Tetrachloroethane	<0.46		50.0	43.3		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	45.4		ug/L		91	62 - 140
Tetrachloroethene	6.3		50.0	48.4		ug/L		84	70 - 128
Toluene	<0.15		50.0	40.9		ug/L		82	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	39.8		ug/L		80	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	45.7		ug/L		91	62 - 128
1,2,3-Trichlorobenzene	<0.46		50.0	39.5		ug/L		79	51 - 145

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: 500-151388-12 MS
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	<0.34		50.0	37.8		ug/L		76	57 - 137
1,1,1-Trichloroethane	<0.38		50.0	42.2		ug/L		84	70 - 125
1,1,2-Trichloroethane	<0.35		50.0	44.3		ug/L		89	71 - 130
Trichloroethene	<0.16		50.0	42.8		ug/L		86	70 - 125
Trichlorofluoromethane	<0.43		50.0	42.2		ug/L		84	55 - 128
1,2,3-Trichloropropane	<0.41		50.0	45.2		ug/L		90	50 - 133
1,2,4-Trimethylbenzene	<0.36		50.0	41.8		ug/L		84	70 - 123
1,3,5-Trimethylbenzene	<0.25		50.0	42.1		ug/L		84	70 - 123
Vinyl chloride	<0.20		50.0	44.6		ug/L		89	64 - 126
Xylenes, Total	<0.22		100	86.8		ug/L		87	70 - 125
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	93		72 - 124						
Dibromofluoromethane	88		75 - 120						
1,2-Dichloroethane-d4 (Surr)	96		75 - 126						
Toluene-d8 (Surr)	93		75 - 120						

Lab Sample ID: 500-151388-12 MSD
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
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	41.7		ug/L		83	70 - 120	2	20
Bromobenzene	<0.36		50.0	44.9		ug/L		90	70 - 122	3	20
Bromochloromethane	<0.43		50.0	43.8		ug/L		88	65 - 122	3	20
Bromodichloromethane	<0.37		50.0	47.3		ug/L		95	69 - 120	4	20
Bromoform	<0.48		50.0	43.0		ug/L		86	56 - 132	5	20
Bromomethane	<0.80	F1 *	50.0	103	F1	ug/L		207	40 - 152	0	20
Carbon tetrachloride	<0.38		50.0	44.4		ug/L		89	59 - 133	2	20
Chlorobenzene	<0.39		50.0	42.7		ug/L		85	70 - 120	4	20
Chloroethane	<0.51		50.0	56.9		ug/L		114	48 - 136	1	20
Chloroform	<0.37		50.0	43.0		ug/L		86	70 - 120	3	20
Chloromethane	<0.32		50.0	43.0		ug/L		86	56 - 152	1	20
2-Chlorotoluene	<0.31		50.0	42.2		ug/L		84	70 - 125	2	20
4-Chlorotoluene	<0.35		50.0	43.2		ug/L		86	68 - 124	2	20
cis-1,2-Dichloroethene	<0.41		50.0	41.5		ug/L		83	70 - 125	3	20
cis-1,3-Dichloropropene	<0.42		50.0	44.9		ug/L		90	64 - 127	4	20
Dibromochloromethane	<0.49		50.0	50.1		ug/L		100	68 - 125	3	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	44.6		ug/L		89	56 - 123	7	20
1,2-Dibromoethane	<0.39		50.0	48.5		ug/L		97	70 - 125	3	20
Dibromomethane	<0.27		50.0	45.7		ug/L		91	70 - 120	4	20
1,2-Dichlorobenzene	<0.33		50.0	42.9		ug/L		86	70 - 125	3	20
1,3-Dichlorobenzene	<0.40		50.0	42.5		ug/L		85	70 - 125	3	20
1,4-Dichlorobenzene	<0.36		50.0	42.0		ug/L		84	70 - 120	4	20
Dichlorodifluoromethane	<0.67		50.0	41.8		ug/L		84	40 - 159	2	20
1,1-Dichloroethane	<0.41		50.0	41.8		ug/L		84	70 - 125	2	20
1,2-Dichloroethane	<0.39		50.0	45.9		ug/L		92	68 - 127	3	20
1,1-Dichloroethene	<0.39		50.0	40.1		ug/L		80	67 - 122	1	20

TestAmerica Chicago

QC Sample Results

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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

Lab Sample ID: 500-151388-12 MSD
Matrix: Ground Water
Analysis Batch: 450382

Client Sample ID: MW-7P
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	<0.43		50.0	42.6		ug/L		85	67 - 130	2	20
1,3-Dichloropropane	<0.36		50.0	45.3		ug/L		91	62 - 136	4	20
2,2-Dichloropropane	<0.44		50.0	39.5		ug/L		79	58 - 139	6	20
1,1-Dichloropropene	<0.30		50.0	41.1		ug/L		82	70 - 121	0	20
Ethylbenzene	<0.18		50.0	42.2		ug/L		84	70 - 123	2	20
Hexachlorobutadiene	<0.45		50.0	43.3		ug/L		87	51 - 150	2	20
Isopropylbenzene	<0.39		50.0	42.3		ug/L		85	70 - 126	1	20
Methylene Chloride	<1.6		50.0	40.4		ug/L		81	69 - 125	3	20
Methyl tert-butyl ether	<0.39		50.0	42.6		ug/L		85	55 - 123	3	20
Naphthalene	<0.34		50.0	43.9		ug/L		88	53 - 144	5	20
n-Butylbenzene	<0.39		50.0	41.4		ug/L		83	68 - 125	2	20
N-Propylbenzene	<0.41		50.0	43.1		ug/L		86	69 - 127	2	20
p-Isopropyltoluene	<0.36		50.0	42.8		ug/L		86	70 - 125	2	20
sec-Butylbenzene	<0.40		50.0	41.9		ug/L		84	70 - 123	1	20
Styrene	<0.39		50.0	47.0		ug/L		94	70 - 120	2	20
tert-Butylbenzene	<0.40		50.0	42.1		ug/L		84	70 - 121	1	20
1,1,1,2-Tetrachloroethane	<0.46		50.0	44.8		ug/L		90	70 - 125	4	20
1,1,1,2,2-Tetrachloroethane	<0.40		50.0	46.1		ug/L		92	62 - 140	2	20
Tetrachloroethene	6.3		50.0	48.4		ug/L		84	70 - 128	0	20
Toluene	<0.15		50.0	41.6		ug/L		83	70 - 125	2	20
trans-1,2-Dichloroethene	<0.35		50.0	40.7		ug/L		81	70 - 125	2	20
trans-1,3-Dichloropropene	<0.36		50.0	47.8		ug/L		96	62 - 128	4	20
1,2,3-Trichlorobenzene	<0.46		50.0	41.9		ug/L		84	51 - 145	6	20
1,2,4-Trichlorobenzene	<0.34		50.0	39.8		ug/L		80	57 - 137	5	20
1,1,1-Trichloroethane	<0.38		50.0	43.1		ug/L		86	70 - 125	2	20
1,1,2-Trichloroethane	<0.35		50.0	45.2		ug/L		90	71 - 130	2	20
Trichloroethene	<0.16		50.0	44.3		ug/L		89	70 - 125	3	20
Trichlorofluoromethane	<0.43		50.0	42.4		ug/L		85	55 - 128	0	20
1,2,3-Trichloropropane	<0.41		50.0	46.2		ug/L		92	50 - 133	2	20
1,2,4-Trimethylbenzene	<0.36		50.0	42.6		ug/L		85	70 - 123	2	20
1,3,5-Trimethylbenzene	<0.25		50.0	42.9		ug/L		86	70 - 123	2	20
Vinyl chloride	<0.20		50.0	43.9		ug/L		88	64 - 126	2	20
Xylenes, Total	<0.22		100	88.1		ug/L		88	70 - 125	1	20

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	93		72 - 124
Dibromofluoromethane	88		75 - 120
1,2-Dichloroethane-d4 (Surr)	96		75 - 126
Toluene-d8 (Surr)	91		75 - 120

Lab Chronicle

Client: SCS Engineers
 Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-1
Date Collected: 09/11/18 10:10
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 12:11	JJH	TAL CHI
Total/NA	Analysis	8260B	DL	10	450382	09/18/18 12:36	JJH	TAL CHI

Client Sample ID: MW-2
Date Collected: 09/11/18 10:40
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	450382	09/18/18 13:02	JJH	TAL CHI
Total/NA	Analysis	8260B	DL	50	450382	09/18/18 13:27	JJH	TAL CHI

Client Sample ID: MW-3
Date Collected: 09/11/18 11:00
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	450382	09/18/18 13:53	JJH	TAL CHI
Total/NA	Analysis	8260B	DL	100	450382	09/18/18 14:18	JJH	TAL CHI

Client Sample ID: MW-4
Date Collected: 09/11/18 12:15
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 14:43	JJH	TAL CHI

Client Sample ID: MW-4P
Date Collected: 09/11/18 12:05
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 15:08	JJH	TAL CHI

Client Sample ID: MW-5R
Date Collected: 09/11/18 12:25
Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-6
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 15:34	JJH	TAL CHI

Lab Chronicle

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

Client Sample ID: MW-5R Dup

Date Collected: 09/11/18 12:25

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-7

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 15:59	JJH	TAL CHI

Client Sample ID: MW-6R

Date Collected: 09/11/18 13:15

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-8

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 16:25	JJH	TAL CHI

Client Sample ID: MW-6PR

Date Collected: 09/11/18 13:20

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-9

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 16:50	JJH	TAL CHI

Client Sample ID: Trip Blank

Date Collected: 09/11/18 00:00

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 17:15	JJH	TAL CHI

Client Sample ID: MW-7

Date Collected: 09/11/18 14:50

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-11

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 17:41	JJH	TAL CHI

Client Sample ID: MW-7P

Date Collected: 09/11/18 14:55

Date Received: 09/13/18 09:10

Lab Sample ID: 500-151388-12

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	450382	09/18/18 18:06	JJH	TAL CHI

Laboratory References:

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

TestAmerica Chicago

Accreditation/Certification Summary

Client: SCS Engineers
Project/Site: Platteville Cleaners - 25211343.92

TestAmerica Job ID: 500-151388-1

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	08-31-19

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Report To (optional)
 Contact: Ed Langdon
 Company: SES Engineers
 Address: _____
 Address: _____
 Phone: 608 224 2630
 Fax: _____
 E-Mail: _____

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

Chain of Custody Record

Lab Job #: 500-151388

Chain of Custody Number: _____

Page 2 of 2

Temperature °C of Cooler: 0.9

Client		Client Project #		Preservative		Parameter		Matrix		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
Project Name		Lab Project #		Sampling		# of Containers		Matrix		
Project Location/State		Lab PM		Date	Time					
Lab ID	MS/MSD	Sample ID							Comments	
SCS Engineers		25211343.92		HCL						Comments NOC
Plateville Cleaners										
Plateville, WI		Sandra Frederic								
Jackie Rennebohm										
11		mw 7		9-11	1450	3	610	X		
12		mw 7P		9-11	1455	3	↓	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 <u>Jackie Rennebohm</u>	Company _____	Date <u>9-12-18</u>	Time <u>1000</u>	Received By <u>Audrey</u>	Company _____	Date <u>09/13/18</u>	Time <u>0910</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: _____
 Shipped: Ex Priority
 Hand Delivered: _____

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

Client Comments

Lab Comments:

Login Sample Receipt Checklist

Client: SCS Engineers

Job Number: 500-151388-1

Login Number: 151388

List Source: TestAmerica Chicago

List Number: 1

Creator: Sanchez, Ariel M

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	0.9
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.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
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	