

SCS ENGINEERS

April 9, 2018
File No. 25211374.50

Ms. Cindy Koepke, PG, Hydrogeologist
Remediation & Redevelopment Program
Wisconsin Department of Natural Resources - South Central Region
3911 Fish Hatchery Road
Fitchburg, WI 53711

Subject: Groundwater Monitoring Report – December 2017
Laundry Land Cleaners (former), Northgate Shopping Center
1131 N. Sherman Avenue, Madison, Wisconsin
WDNR BRRTS #02-13-552183

Dear Ms. Koepke:

On behalf of Northgate Partnership, SCS Engineers (SCS) is providing the following Groundwater Monitoring Report for the Laundry Land Cleaners DERF site, located at the Northgate Shopping Center, at 1131 North Sherman Avenue, Madison, Wisconsin. This update letter summarizes recent groundwater sampling activities, which were performed consistent with the Wisconsin Department of Natural Resources (WDNR) Approval of Change Order #6 for Laundryland Cleaners dated October 2, 2017.

Cheese whey was injected into the aquifer beginning in December 2009 to evaluate the effectiveness of the whey to create anaerobic conditions for degradation of tetrachloroethene (PCE). The December 2017 sampling event occurred approximately 2.75 years after the second and final full round of whey injections (completed in April 2015). The December 2017 sampling results from some wells indicate a slight increase in chlorinated volatile organic compound (CVOC) concentrations since the last sampling round in April 2016, but overall concentrations at water table have decreased greatly since 2008 when the first rounds of water quality samples were analyzed. Results from the piezometers indicate decreases in PCE concentrations, and increases in concentrations of the PCE degradation compounds cis-1,2-Dichloroethene (DCE) and vinyl chloride.

Based on the results of the groundwater monitoring, we recommend continued groundwater sampling with no additional whey injections.

GROUNDWATER SAMPLING

Water levels were measured in all accessible wells on December 19, 2018. Groundwater samples were collected on December 19 and 20, 2017, from 18 groundwater monitoring wells located at the Northgate Shopping Center and surrounding properties and right-of-ways



(**Figure 1**). The samples were submitted for laboratory analysis of volatile organic compounds (VOCs).

The following wells were sampled:

- PZ1, MW2, PZ2, MW3, PZ3, MW4, PZ4, PZ5, MW7, PZ7, MW8R, PZ9, PZ9A, MW11, PZ11, MW13, MW14, and MW15.

The following wells were not sampled:

- MW1 (damaged), MW5 (damaged), MW12 (lost beneath gravel in alleyway).

GROUNDWATER FLOW

Water level measurements listed on **Table 1** were used to produce the water table and piezometric surface contour maps, included as **Figure 2** through **Figure 5**.

Groundwater Flow at the Water Table

The water levels measured in water table wells in December 2017 indicate groundwater flow to the northwest at a gradient of 0.0008 in the area of the parking lot (**Figure 2**). The water levels measured in offsite wells located to the east of the parking lot indicate groundwater flow to the southeast at a gradient of about 0.002.

The very low gradients of groundwater flow at the water table make it difficult to assess the predominant direction of groundwater flow, but it appears that there is groundwater flows to the northwest and that there is also a component of flow to the southeast. This flow pattern is also indicated by the water levels measured in water table wells in April 2016 (**Figure 4**). The water levels measured in April 2016 indicate a groundwater divide beneath the parking lot with some flow to the northwest and some flow to the southeast.

A water table map (**Figure 5**) based on water levels measure in November 2010 indicates groundwater flow at the water table exclusively to the southeast.

Groundwater Flow at the Piezometer Level

The water levels measured in piezometers in December 2017 indicate groundwater flow at the site to the southeast at a gradient of 0.0004 (**Figure 3**).

Vertical Gradients of Groundwater Flow

Groundwater elevations at nested wells MW1/PZ1, MW3/PZ3, and MW4/PZ4 indicate a slight downward flow of groundwater in the sand and gravel aquifer, while groundwater elevations at well nests MW2/PZ2 and MW11/PZ11 indicate a slight upward component of flow. The vertical

gradients at PZ9/PZ9A have been slightly steeper, and have varied from upward to downward. PZ9 is screened in the sand and gravel aquifer, and PZ9A is screened in the top of the sandstone aquifer at a depth of about 102 to 107 feet below ground surface.

The water level measurements and estimated flow directions are generally consistent with prior investigation findings.

Groundwater Chlorinated Volatile Organic Compound (CVOC) Concentrations

The groundwater analytical laboratory report is included in **Attachment A** and results are summarized in **Table 2**.

Overall CVOC concentrations have decreased due to biodegradation influenced by the whey injections which began in December 2009. The April 2016 sampling event occurred approximately 1 year after the second (and last) full round of whey injections, with the PCE concentrations at many of the wells within the groundwater plume showing an approximately 30 percent decrease from the previous sampling event that occurred after the first full round of whey injections.

The December 2017 sampling event occurred approximately 2.75 years after the second full round of whey injections (completed in April 2015). Some water table wells indicate a slight increase in CVOC concentrations since the last sampling round in April 2016, but overall concentrations at the water table have decreased greatly since 2008 when the first rounds of water quality samples were analyzed.

Table 2 includes total CVOC concentration (sum of the concentration of the five CVOCs listed on **Table 2**) for the first and last rounds of samples analyzed at each monitoring well. The percent change in concentration is calculated based on the total CVOC concentration for the first and last rounds of samples analyzed at each well. Overall the data indicates the current CVOC concentrations at the water table wells are lower than the original detected CVOC concentrations (ranging from 1.4 percent to 52.7 percent of the original concentration). Exceptions are the CVOC concentrations detected at MW7 and MW12 which have stayed the same or increased slightly.

CVOC concentrations detected at the piezometers have generally been much lower than the CVOC concentration detected at the water table nested with the piezometer at each location. Most piezometers indicate a slight increase in CVOC concentrations since the last sampling round in April 2016. Overall concentrations at the piezometers have increased somewhat since 2008 when the first rounds of water quality samples were analyzed. However groundwater quality results from the piezometers indicate decreases in PCE concentrations, and increases in concentrations of the PCE degradation compounds cis-1,2-DCE and vinyl chloride.

SUMMARY AND RECOMENDATIONS

The groundwater quality results indicate consistent decreases in PCE concentrations within the groundwater plume along with degradation of the PCE into cis-1,2-DCE and vinyl chloride daughter products. These findings are consistent with the biodegradation of contaminants associated with injection of whey.

SCS is preparing a site investigation report (SIR) as outlined in Change Order #6, and will evaluate additional groundwater monitoring needs in conjunction with data analysis for the SIR.

The next step toward implementing a sub-slab vapor mitigation system is to perform sub-slab vacuum tests to provide information needed to design the sub-slab vapor mitigation system. A vapor mitigation system will be designed to mitigate the sub-slab VOC vapors from the retail spaces that exceed the November 2017 WDNR sub-slab Vapor Risk Screening Levels (VRSLs) for small commercial buildings. A mitigation subcontractor will perform the vacuum testing and prepare a letter report with the results. SCS will submit a scope and cost for the complete vapor mitigation system based on the vacuum test results. SCS and a mitigation subcontractor will install the mitigation system.

Please contact Betty Socha at (608) 216-7331, or bsocha@scsengineers.com if you have any questions concerning this letter.

Sincerely,



Betty J. Socha, PhD, PG
Senior Project Manager
SCS ENGINEERS



Thomas J. Karwoski, PG
Senior Project Manager
SCS ENGINEERS

BJS/AJR/TK

cc: Paul Roth, Northgate Partnership

Attachments: Table 1 – Water Level Summary
Table 2 – Groundwater Analytical Results Summary – VOCs
Figure 1 – Site Map
Figure 2 – Water Table Contour Map – December 19, 2017
Figure 3 – Piezometric Surface Contour Map – December 19, 2017
Figure 4 – Water Table Contour Map – April 28, 2016
Figure 5 – Water Table Contour Map – November 2, 2010
Attachment A – Groundwater Laboratory Report Dated December 27, 2017

TABLES

- 1 Water Level Summary
- 2 Groundwater Analytical Results Summary – VOCs

Table 1. Water Level Summary
Northgate Shopping Center aka Laundryland DERF / SCS Engineers Project #25211374.50
Madison, Wisconsin

Monitoring Well Identification	Depth to Water in feet below top of well casing																							
	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8	MW8R	MW10	MW11	MW12	MW13	MW14	MW15	PZ1	PZ2	PZ3	PZ4	PZ5	PZ7	PZ9	PZ9A	PZ11
Measurement Date																								
11/02/09	12.82	13.04	12.55	13.16	11.04	6.82	12.9	12.79	NI	12.05	14.20	13.79	NI	NI	NI	13.02	13.37	12.64	13.21	11.35	12.90	14.58	NI	14.31
12/18/09	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
01/20/10	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
02/19/10	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
09/10/10	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
10/05/10	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
11/02/10	12.84	13.02	12.46	13.07	11.07	6.85	12.80	12.71	NI	12.02	14.11	13.73	NI	NI	NI	13.02	13.34	12.81	13.18	11.39	12.83	14.51	NI	14.24
03/01/11	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NI	NR	
12/27/11	13.95	13.97	13.40	14.02	11.97	NR	13.71	13.73	NI	12.93	15.15	14.63	NI	NI	NI	13.73	14.30	13.55	13.98	12.28	13.79	15.53	NI	15.25
09/10/13	NR	13.31	12.69	13.29	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	13.62	12.93	13.51	NR	NR	NR	NR	NR
04/28/15	12.61	12.87	12.46	12.74	10.94	NR	12.66	NR	13.81	12.02	14.04	13.53	12.46	10.59	12.49	12.89	13.17	12.49	13.01	11.29	12.66	14.40	13.01	14.12
04/25/16	11.85	12.08	11.60	12.20	10.16	NR	11.94	NR	12.94	11.05	13.13	12.81	12.27	9.51	11.75	12.05	12.44	11.85	12.38	10.58	11.97	14.02	14.28	13.20
12/19/17	13.55	13.83	13.20	13.76	NR	NR	13.55	NR	14.67	12.89	14.90	NR	14.08	11.29	13.35	13.75	14.10	13.42	13.95	12.09	13.61	15.25	17.20	14.99

Monitoring Well Identification Top of Casing Elevation (feet amsl)	Ground Water Elevation in feet above mean sea level (amsl)																							
	MW1	MW2	MW3	MW4	MW5	MW6	MW7	MW8	MW8R	MW10	MW11	MW12	MW13	MW14	MW15	PZ1	PZ2	PZ3	PZ4	PZ5	PZ7	PZ9	PZ9A	PZ11
Measurement Date																								
11/02/09	849.74	849.71	849.65	849.62	849.73	849.71	849.63	849.68	NI	849.64	849.71	849.59	NI	NI	NI	849.73	849.71	849.69	849.68	849.73	849.67	849.7	NI	849.72
12/18/09	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
01/20/10	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
02/19/10	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
09/10/10	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
10/05/10	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
11/02/10	849.72	849.73	849.74	849.71	849.7	849.68	849.73	849.76	NI	849.67	849.8	849.65	NI	NI	NI	849.73	849.74	849.52	849.71	849.69	849.74	849.77	NI	849.79
03/01/11	NR	NR	NR	NR	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	NR	NR	NR	NR	NR	NR	NI	NR
12/27/11	848.61	848.78	848.8	848.76	848.8	NR	848.82	848.74	NI	848.76	848.76	848.75	NI	NI	NI	849.02	848.78	848.78	848.91	848.8	848.78	848.75	NI	848.78
09/10/13	NR	849.44	849.51	849.49	NR	NR	NR	NR	NI	NR	NR	NR	NI	NI	NI	NR	849.46	849.4	849.38	NR	NR	NR	NR	NR
04/28/15	849.95	849.88	849.74	850.04	849.83	NR	849.87	NR	849.67	849.67	849.87	849.85	850.26	849.99	849.67	849.86	849.91	849.84	849.88	849.79	849.91	849.88	851.46	849.91
04/25/16	850.71	850.67	850.6	850.58	850.61	NR	850.59	NR	850.54	850.64	850.78	850.57	850.45	851.07	850.41	850.7	850.64	850.48	850.51	850.5	850.6	850.26	850.19	850.83
12/19/17	849.01	848.92	849	849.02	NR	NR	848.98	NR	848.81	848.8	849.01	NR	848.64	849.29	848.81	849	848.98	848.91	848.94	848.99	848.96	849.03	847.27	849.04

ABBREVIATIONS:
 NI = Not Installed
 NR = Depth to water not measured.

NOTES:
 1. Monitoring wells and the staff gauge were surveyed to feet above mean sea level using the previous Ayres Associates elevations

Revised By: BJS 1/10/2018
 Checked By: BJS 1/10/2018

Table 2. Groundwater Analytical Results Summary - VOCs
Laundry Land Cleaners / SCS Engineers Project #25211374.50
 (Results are in µg/L)

Sample	Date	Lab Notes	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	PCE	TCE	Vinyl Chloride	Total CVOCs	% Change
MW-1	8/21/2008	--	1.5	<0.50	33	1.1	<0.15	35.6	
	10/1/2008	--	1.2	<0.50	28	0.96	<0.15	30.2	
	11/2/2009	--	3.62	<0.50	24.2	0.99 ^J	<0.20	28.8	
	11/3/2010	(4)	3.37	<0.50	27.4	2.61	<0.20	33.4	
	12/27/2011	--	1.95	<0.50	30	1.75	<0.20	33.7	
	4/29/2015	(8)	2.9	<0.26	9.4	0.58 ^{J1}	<0.18	12.9	
	4/25/2016	(9)	8.7	0.37 ^{J1}	9.0	0.70 ^{J1}	<0.18	18.8	53
PZ-1	8/21/2008	--	2.5	<0.50	2.0	0.32	1.0	5.8	
	10/1/2008	--	2.7	<0.50	1.3	0.40	1.2	5.6	
	11/2/2009	--	2.36	<0.50	0.37 ^J	<0.40	0.57 ^J	3.3	
	11/3/2010	(4)	4.96	<0.50	0.94 ^J	0.62 ^J	1.07	7.6	
	12/28/2011	--	2.87	<0.50	10	0.99 ^J	<0.20	13.9	
	4/29/2015	--	5.1	<0.26	5.4	0.84 ^{J1}	0.44 ^{J1}	11.8	
	4/25/2016	(10)	1.3	<0.26	3.4	0.41 ^{J1}	<0.18	5.1	
	12/20/2017	--	4.0	0.33 ^{J1}	3.5	0.48 ^{J1}	1.3	9.6	165
MW-2	8/21/2008	--	190	3.3	940	66	<0.15	1199.3	
	10/1/2008	--	160	<25	920	56	<7.5	1136	
	11/2/2009	--	35.7 ^J	<25	630	<20	<10	665.7	
	11/3/2010	(4)	39.5 ^J	<25	542	<20	<10	581.5	
	12/27/2011	--	38.3 ^J	<25	319	<20	<10	357.3	
	9/10/2013	(7)	92	2.7	500	41	0.25 [*]	636.0	
	4/29/2015	(8)	34.1	<2.6	414	14.3	3.7 ^{J1}	466.1	
	4/25/2016	(10)	69.0	<1.0	298	16.8	17.1	400.9	
	12/19/2017	--	29.2	<1.0	477	20.8	8.0	535.0	45
	PZ-2	8/21/2008	--	2.5	<0.50	5.9	0.58	<0.15	9.0
10/1/2008		--	4.0	<0.50	22	1.0	<0.15	27.0	
11/2/2009		--	1.5	<0.50	0.79 ^J	<0.40	<0.20	2.3	
11/3/2010		(4)	2.05	<0.50	24.4	1.80	<0.20	28.3	
12/27/2011		--	23.2	<2.50	296	11.2	<1.00	330.4	
9/10/2013		(7)	49	0.92 [*]	61	8.3	5.9	125.1	
4/29/2015		--	74.2	1.5	41.8	11.4	63.0	191.9	
4/25/2016		(10)	61.6	0.87 ^{J1}	1.3	11.2	39.8	114.8	
12/19/2017		--	97.5	2.4	70.8	19.1	55.4	245.2	2731
MW-3		8/21/2008	--	41	2.0	1,800	37	<0.15	1,878
	10/1/2008	--	89	<25	1,700	39	<7.5	1,828	
	11/2/2009	--	88.3 ^J	<50	1,360	57.6 ^J	<20	1,506	
	11/4/2010	(4)	<40	<50	1,420	44.5 ^J	<20	1,465	
	12/27/2011	--	<40	<50	895	<40	<20	895	
	9/10/2013	(7)	4.6	0.44 [*]	1,400	13	<0.18	1,418	
	4/30/2015	(8)	20.0	<1.3	515	12.7	<0.88	547.7	
	4/26/2016	--	52.0	<1.3	535	12.5	<0.88	599.5	
	12/19/2017	--	57.2	<1.3	555	30.3	5.3	647.8	34
	PZ-3	8/21/2008	--	9.2	<0.5	300	4.2	<0.15	313.4
10/1/2008		--	9.1	<5.0	230	4.7	<1.5	243.8	
11/2/2009		--	23.4 ^J	<25	344	<20	<10	367.4	
11/4/2010		(4)	<20	<25	152	<20	<10	152	
12/27/2011		--	11.2 ^J	<10	178	<8.00	<4.00	189.2	
9/10/2013		(7)	17	<0.30	48	3.4	2.6	71.0	
4/30/2015		(8)	60.3	0.95 ^{J1}	123	7.5	45.7	237.5	
4/26/2016		--	51.4	1.1	93.9	10.5	39.4	196.3	
12/19/2017		--	52.3	1.3	256	35.9	37.3	382.8	122
MW-4		8/21/2008	--	2,300	35	4,900	200	<7.5	7,435
	10/1/2008	--	2,300	<100	4,600	200	<30	7,100	
	11/2/2009	(1)	1,520	<50	3,170	144	<20	4,834	
	11/2/2010	(4)	4,200	52.4 ^J	399	168	<20	4,819	
	12/28/2011	--	250	<50	<30	<40	1,330	1580	
	9/10/2013	(7)	380	14	860	560	610	2424	
	4/29/2015	(8)	37.2	11.4	15.3	2.7	135	201.6	
	4/26/2016	--	5.7	5.1	<1.2	<0.83	340	350.8	
	12/20/2017	--	11.5	4.1	1.0	1.1	85	102.8	1
	PZ-4	8/21/2008	--	6.0	<0.5	12	1.1	<0.15	19.1
10/1/2008		--	5.3	0.99	13	1.5	<0.15	20.8	
11/2/2009		--	2.46	<0.50	4.11	0.94 ^J	<0.20	7.5	
11/2/2010		(4)	11.4	<0.50	3.78	1.01 ^J	<0.20	16.2	
12/28/2011		--	6.27	<0.50	4.22	0.69 ^J	<0.20	11.2	
9/10/2013		(7)	8.6	0.30 [*]	110	6.0	2.4	127.3	
4/29/2015		--	7.7	0.47 ^{J1}	1.2	1.1	3.8	14.3	
4/26/2016		(12)	2.1	<0.26	<0.50	0.57 ^{J1}	0.27 ^{J1}	2.9	
4/26/2016 (DUP)		--	2.0	<0.26	<0.50	0.38 ^{J1}	<0.18 ^{J1}	2.38	
12/20/2017		--	40.1	0.98 ^{J1}	5.5	7.30	15.9	69.8	365
MW-5	8/21/2008	--	13	<5.0	190	11	<1.5	214	
	10/1/2008	--	5.9	<1.0	110	7.1	<0.3	123	
	10/30/2009	--	22.1	<5.0	186	18.7	<2.0	226.8	
	11/2/2010	(4)	7.26 ^J	<5.00	175	11.1 ^J	<2.00	193.4	
	12/27/2011	--	7.17 ^J	<5.00	149	9.82 ^J	<2.00	166.0	
	4/30/2015	(8)	3.9	<0.26	64.6	3.6	<0.18	72.1	
	4/25/2016	(10)	2.6	<0.26	84.4	4.5	<0.18	91.5	
	4/25/2016 (DUP)	(10)	2.0	<0.26	87.5	4.4	<0.18	93.9	44
	PZ-5	8/21/2008	--	1.1	<0.5	2.4	0.27	<0.15	3.8
10/1/2008		--	2.1	<0.5	1.6	0.72	<0.15	4.4	
10/30/2009		--	1.6	<0.50	0.98 ^J	0.53	<0.20	3.1	
11/3/2010		(4)	1.37	<0.50	0.31 ^J	<0.40	<0.20	1.7	
12/27/2011		--	2.60	<0.50	<0.30	0.41 ^J	0.27 ^J	3.3	
4/30/2015		--	2.1	<0.26	1.3	0.98 ^{J1}	0.28 ^{J1}	4.7	
4/26/2016		(10)	3.8	<0.26	1.2	0.74 ^{J1}	0.91 ^{J1}	7.4	
12/20/2017		--	7.7	0.32 ^{J1}	2.5	0.83 ^{J1}	0.63 ^{J1}	12.0	3

Table 2. Groundwater Analytical Results Summary - VOCs
Laundry Land Cleaners / SCS Engineers Project #25211374.50
 (Results are in µg/L)

Sample	Date	Lab Notes	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	PCE	TCE	Vinyl Chloride	Total CVOCs	% Change
MW-6 (Abandoned)	10/1/2008	--	<0.40	<0.50	<u>1.8</u>	<0.15	<0.15	1.8	
	10/31/2008	--	<0.40	<0.50	<u>1.4</u>	<0.15	<0.15	1.4	
	10/30/2009	--	<0.40	<0.50	<u>2.53</u>	<0.40	<0.20	2.53	
	11/3/2010	(4)	<0.40 J	<0.50	<u>3.88</u>	<0.40	<0.20	3.88	
MW-7	10/1/2008	--	1.1	<0.50	<u>570</u>	<u>9.8</u>	<0.15	580.9	
	10/31/2008	--	<8.0	<10	<u>570</u>	<u>9.5</u>	<0.3	579.5	
	11/2/2009	--	<20	<25	<u>688</u>	<20	<10	688	
	11/3/2010	(4)	<20	<25	<u>641</u>	<20	<10	641	
	12/27/2011	--	<20	<25	<u>537</u>	<20	<10	537	
	4/30/2015	(8)	<2.6	<2.6	<u>481</u>	<u>9.2</u> ^{J1}	<1.8	490.2	
	4/26/2016	(10)	<1.3	<1.3	<u>400</u>	<u>6.8</u>	<0.88	406.8	
	12/20/2017	--	<u>1.3</u> ^{J1}	<1.3	<u>606</u>	<u>18.4</u>	<0.88	625.7	108
PZ-7	10/1/2008	--	1.3	<0.50	<u>100</u>	<u>2.6</u>	<0.15	103.9	
	10/31/2008	--	2.1	<0.50	<u>85</u>	<u>2.7</u>	<0.15	89.8	
	11/2/2009	--	<4.0	<5.0	<u>164</u>	<4.0	<2.0	164	
	11/3/2010	(6)	<u>4.34</u> ^J	<5.00	<u>185</u>	<u>5.40</u> ^J	<2.00	194.7	
	12/27/2011	--	<4.00	<5.00	<u>160</u>	<4.00	<2.00	160	
	4/30/2015	--	<u>15.4</u>	<0.26	<u>105</u>	<u>5.5</u>	<0.18	125.9	
	4/26/2016	--	<u>6.2</u>	<0.26	<u>86.3</u>	<u>4.1</u>	<0.18	98.9	
	12/20/2017	--	<u>11.3</u>	0.48 ^{J1}	<u>84.2</u>	<u>15.8</u>	<u>2.3</u>	111.8	108
MW-8 (Abandoned)	10/1/2008	--	<u>97</u>	1.2	<u>1,000</u>	<u>49</u>	<u>1.5</u>	1148.7	
	10/31/2008	--	<u>110</u>	<25	<u>890</u>	<u>59</u>	<7.5	1059	
	11/2/2009	--	<u>74.7</u> ^J	<50	<u>854</u>	<u>57.8</u> ^J	<20	986.5	
	11/4/2010	(4)	<u>71</u> ^J	<50	<u>765</u>	<u>55.8</u> ^J	<20	891.8	
	12/27/2011	(5)	<u>53.1</u> ^J	<50 DUP	<u>674</u>	<40 S2L	<20	727.1	
MW-8R	5/1/2015	(8)	<u>0.26</u> ^{J1}	<0.26	<u>29.3</u>	<u>0.67</u> ^{J1}	<0.18	30.2	
	4/25/2016	(10)	<u>2.3</u>	0.82 ^{J1}	<u>27.7</u>	<u>2.7</u>	<u>4.8</u>	45.3	
	12/19/2017	--	<u>0.34</u> ^{J1}	<0.26	<u>26.0</u>	<u>0.57</u> ^{J1}	<0.18	26.9	2
MW-9 (Abandoned)	10/31/2008	--	1.8	<0.5	<u>140</u>	<u>3.9</u>	<0.15	145.7	
PZ-9	11/2/2009	--	<40	<50	<u>374</u>	<40	<20	374	
	11/4/2010	(4)	<40	<50	<u>256</u>	<40	<20	256	
	12/27/2011	(6)	<4.00	<5.00	<u>327</u>	<u>13.6</u>	<2.00	340.6	
	4/29/2015	(8)	<0.64	<0.64	<u>156</u>	<u>10.7</u>	<0.44	166.7	
	4/25/2016	(10)	<0.26	<0.26	<u>116</u>	<u>1.0</u>	<0.18	117	
	12/20/2017	--	<u>0.31</u> ^{J1}	<0.26	<u>142</u>	<u>8.2</u>	<0.18	150.5	40
PZ-9A	1/8/2013	--	<0.12	<0.25	<u>180</u>	<u>2.0</u>	<0.10	182.0	
	4/29/2015	--	<0.26	<0.26	<u>125</u>	<u>1.8</u>	<0.18	126.8	
	4/25/2016	(10)	<0.26	<0.26	<u>81.9</u>	<u>0.63</u> ^{J1}	<0.18	82.5	
	12/20/2017	--	<0.26	<0.26	<u>22.7</u>	<u>0.35</u> ^{J1}	<0.18	23.1	13
MW-10	10/31/2008	--	<2.0	<0.50	<u>0.59</u>	<0.15	<0.15	0.59	
	10/30/2009	--	<0.40	<0.50	<0.30	<0.40	<0.20	0	
	11/2/2010	(3)(4)	<0.40	<0.50	<0.30	<0.40	<0.20	0	
	12/27/2011	--	<0.40	<0.50	<0.30	<0.40	<0.20	0	
	4/30/2015	--	<0.26	<0.26	<0.50	<0.33	<0.18	0	
	4/25/2016	(10)	<0.26	<0.26	<0.50	<0.33	<0.18	0	
MW-11	10/30/2009	--	<4.0	<5.0	<u>78.4</u>	<u>32.3</u>	<2.0	110.7	
	11/3/2010	(4)	<4.00	<5.00	<u>61</u>	<u>16.5</u>	<2.00	77.5	
	12/27/2011	(6)	<2.00	<2.50	<u>84.4</u>	<u>29.4</u>	<1.00	113.8	
	4/30/2015	--	<u>0.63</u> ^{J1}	<0.26	<u>61.2</u>	<u>14.1</u>	<0.18	75.9	
	4/25/2016	(10)	<u>0.32</u> ^{J1}	<0.26	<u>49.0</u>	<u>11.7</u>	<0.18	61.0	
	12/20/2017	--	<0.26	<0.26	<u>46.3</u>	<u>8.6</u>	<0.18	54.9	
	12/20/2017 (DUP)	--	<0.26	<0.26	<u>42.9</u>	<u>7.9</u>	<0.18	50.8	46
PZ-11	10/30/2009	--	<u>11.8</u> ^J	<5.0	<u>82.8</u>	<u>55.2</u>	<2.0	149.8	
	11/3/2010	(4)	<4.00	<5.00	<u>44.3</u>	<u>26.8</u>	<2.00	71.1	
	12/27/2011	(6)	<u>5.47</u> ^J	<2.50	<u>60.5</u>	<u>36.1</u>	<1.00	102.1	
	4/30/2015	--	<u>0.82</u> ^{J1}	<0.26	<u>42.6</u>	<u>12.5</u>	<0.18	55.9	
	4/25/2016	(10)	<u>0.58</u> ^{J1}	<0.26	<u>30.5</u>	<u>9.4</u>	<0.18	40.5	
	12/20/2017	--	<u>0.28</u> ^{J1}	<0.26	<u>24.0</u>	<u>4.5</u>	<0.18	28.8	19
MW-12	10/30/2009	--	<0.40	<0.50	<u>4.1</u>	<0.40	<0.20	4.1	
	11/2/2010	(4)	<0.40	<0.50	<u>2.93</u>	<0.40	<0.20	2.9	
	12/27/2011	--	<0.40	<0.50	<u>3.56</u>	<0.40	<0.20	3.6	
	5/1/2015	--	<0.26	<0.26	<u>6.1</u>	<0.33	<0.18	6.1	
	4/25/2016	(10)	<0.26	<0.26	<u>5.7</u>	<0.33	<0.18	5.7	139
MW-13	5/1/2015	(8)	<0.26	<0.26	<u>7.7</u>	0.44 ^{J1}	<0.18	8.1	
	4/25/2016	(11)	<0.26	<0.26	<u>12.3</u>	<u>0.97</u> ^{J1}	<0.18	13.3	
	12/20/2017	(8)	<0.26	<0.26	<u>13.1</u>	<u>2.0</u>	<0.18	15.1	186
MW-14	5/1/2015	--	<0.26	<0.26	<0.50	<0.33	<0.18	0	
	4/25/2016	(10)	<0.26	<0.26	<0.50	<0.33	<0.18	0	
	12/19/2017	--	<0.26	<0.26	<u>2.0</u>	<0.33	<0.18	2.0	
MW-15	5/1/2015	(8)	<0.26	<0.26	<0.50	<0.33	<0.18	0	
	4/26/2016	(10)	<0.26	<0.26	<0.50	<0.33	<0.18	0	
	12/19/2017	(8)	<0.26	<0.26	<0.50	<0.33	<0.18	0	
NR 140 Enforcement Standards (ES)			70	100	5	5	2		
NR 140 Preventive Action Limits (PAL)			7	20	0.5	0.5	0.02		

Abbreviations:
 µg/L = micrograms per liter or parts per billion (ppb) PCE = Tetrachloroethene
 TCE = trichloroethene
 ND = Not Detected
 Total CVOCs = The sum of the concentration of cis-1,2-dichloroethene, trans-1,2-dichloroethene, PCE, TCE, and vinyl chloride.
 % Change = Total CVOCs concentration (most current data)/Total CVOCs concentration (2008 data)

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.
Bold+underlined values meet or exceed NR 140 enforcement standards.
Italic+underlined values meet or exceed NR 140 preventive action limits.

**Table 2. Groundwater Analytical Results Summary - VOCs
Laundry Land Cleaners / SCS Engineers Project #25211374.50**

Laboratory Notes:

* = Indicates value in between the limit of detection and the limit of the quantitation.

DUP = Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

J = Estimated concentration below laboratory quantitation level.

J1 = Estimated concentration at or above the Limit of Detection (LOD) and below the Limit of Quantitation (LOQ).

Q = Laboratory control sample outside acceptance limits.

S1H = First sample matrix spike recovery was high.

S2H = Second sample matrix spike recovery was high.

S2L = Second sample matrix spike recovery was low.

(1) Chloromethane - Check standard for this analyte exhibited a low bias. Sample results may also be biased low.

(2) 1,2,4-Trichlorobenzene - Check standard for this analyte exhibited a low bias. Sample results may also be biased low. Chloromethane - Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

(3) Naphthalene - Result of duplicate analysis in this quality assurance batch exceeds the limits for precision.

(4) 1,1,1-Trichloroethane, Dichlorodifluoromethane - Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

(5) 1,1-Dichloroethylene, 2,2-Dichloropropane, Methylene Chloride - Result of duplicate analysis in this quality assurance batch exceeds the limits for precision. 4-Isopropyltoluene - First sample matrix spike recovery was high.

(6) Methylene Chloride - Check standard for this analyte exhibited a high bias. Sample results may also be biased high.

(7) 1,2-Dibromo-3-chloropropane, Bromoform - Specified calibration criteria was not met.

(8) Surrogate = Post-analysis pH measurement indicates insufficient VOA sample preservation.

(9) Methyl-tert-butyl ether, Methylene Chloride, Vinyl Chloride, trans-1,2-Dichloroethene, 1,1-Dichloroethene, and Chloroethane = Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery. 1,1-Dichloroethane = Analyte recovery in the laboratory control sample exceeded QC limits. Analyte presence below reporting limits in associated sample. Results unaffected by high bias. Matrix Spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

(10) 1,1-Dichloroethane = Analyte recovery in the laboratory control sample exceeded QC limits. Analyte presence below reporting limits in associated sample. Results unaffected by high bias.

(11) 1,1-Dichloroethane = Analyte recovery in the laboratory control sample exceeded QC limits. Analyte presence below reporting limits in associated sample. Results unaffected by high bias.

Surrogates - 4-Bromofluorobenzene (S) = Post-analysis pH measurements indicates insufficient VOA sample preservation

(12) Styrene = Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

Created by: TLR Date: 11/20/2009

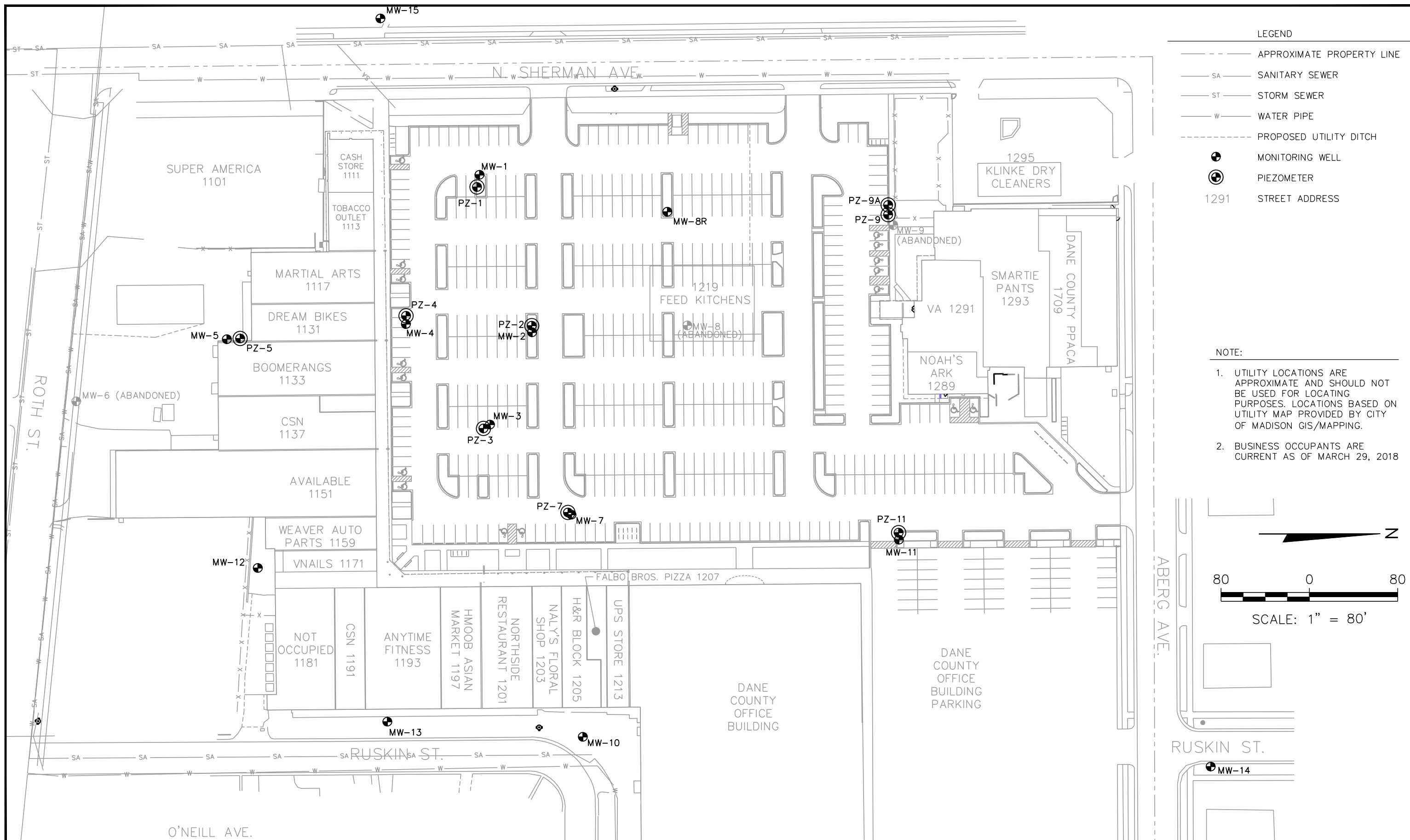
Last revision by: LMH Date: 12/28/2017

Checked by: BJS Date: 4/5/2018

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FIGURES

- 1 Site Map
- 2 Water Table Contour Map – December 19, 2017
- 3 Piezometric Surface Contour Map – December 19, 2017
- 4 Water Table Contour Map – April 28, 2016
- 5 Water Table Contour Map – November 2, 2010

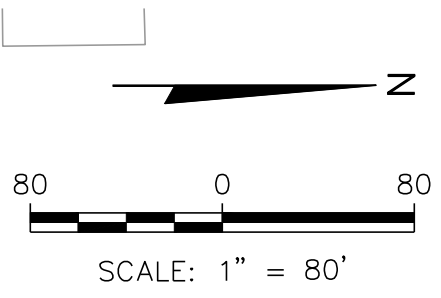


LEGEND

- APPROXIMATE PROPERTY LINE
- SA SANITARY SEWER
- ST STORM SEWER
- W WATER PIPE
- - - - PROPOSED UTILITY DITCH
- ⊕ MONITORING WELL
- ⊙ PIEZOMETER
- 1291 STREET ADDRESS

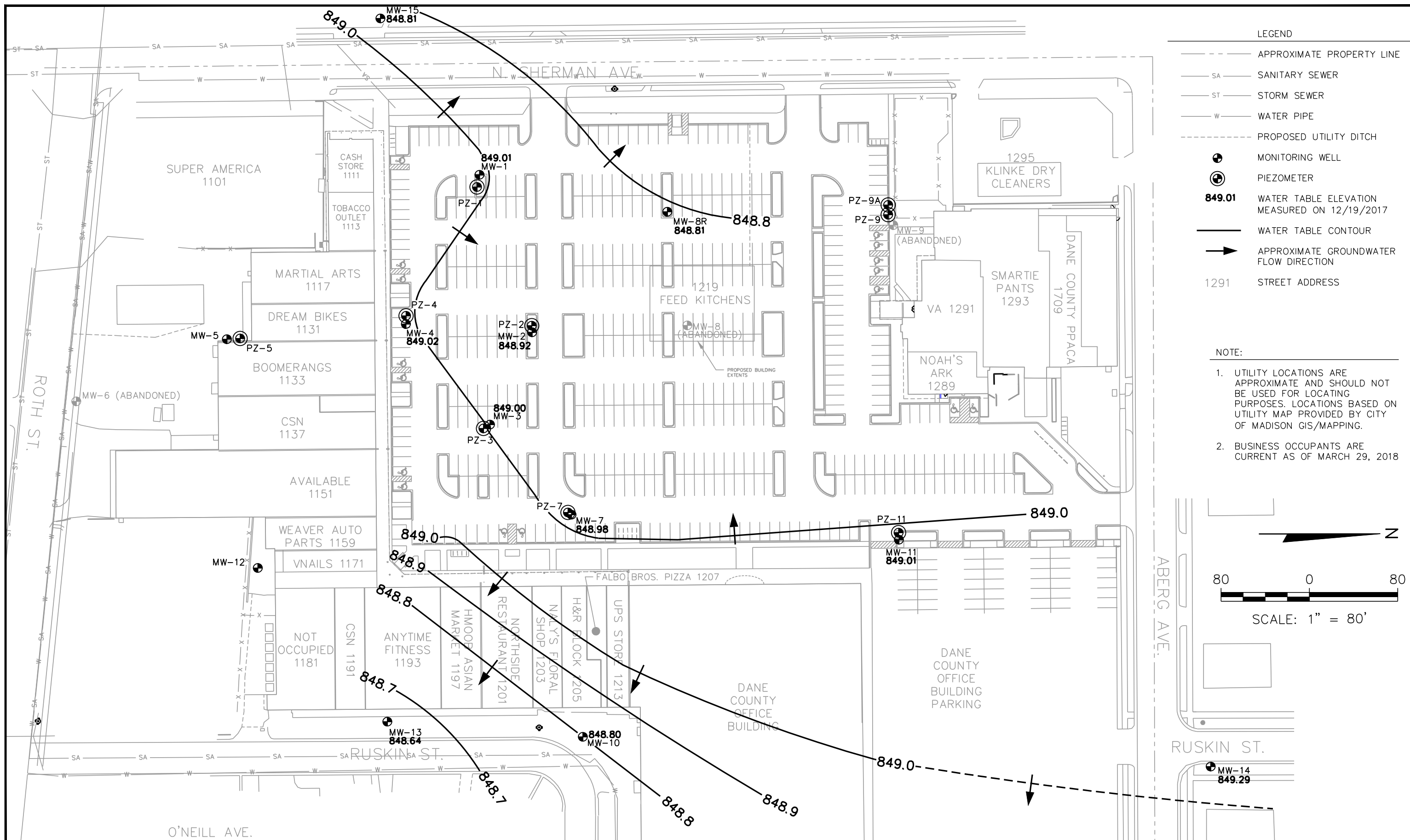
NOTE:

1. UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD NOT BE USED FOR LOCATING PURPOSES. LOCATIONS BASED ON UTILITY MAP PROVIDED BY CITY OF MADISON GIS/MAPPING.
2. BUSINESS OCCUPANTS ARE CURRENT AS OF MARCH 29, 2018



PROJECT NO. 25211374.50	DRAWN BY: BJM	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT NORTHGATE PARTNERSHIP 7625 BONETTI ROAD DANE, WI 53529	SITE NORTHGATE SHOPPING CENTER 1127 NORTH SHERMAN AVE. MADISON, WI	FIGURE 1
DRAWN: 08/25/16	CHECKED BY: BS		ENGINEER	SITE MAP	
REVISED: 04/02/18	APPROVED BY:				

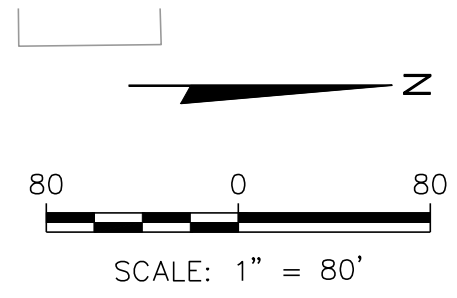
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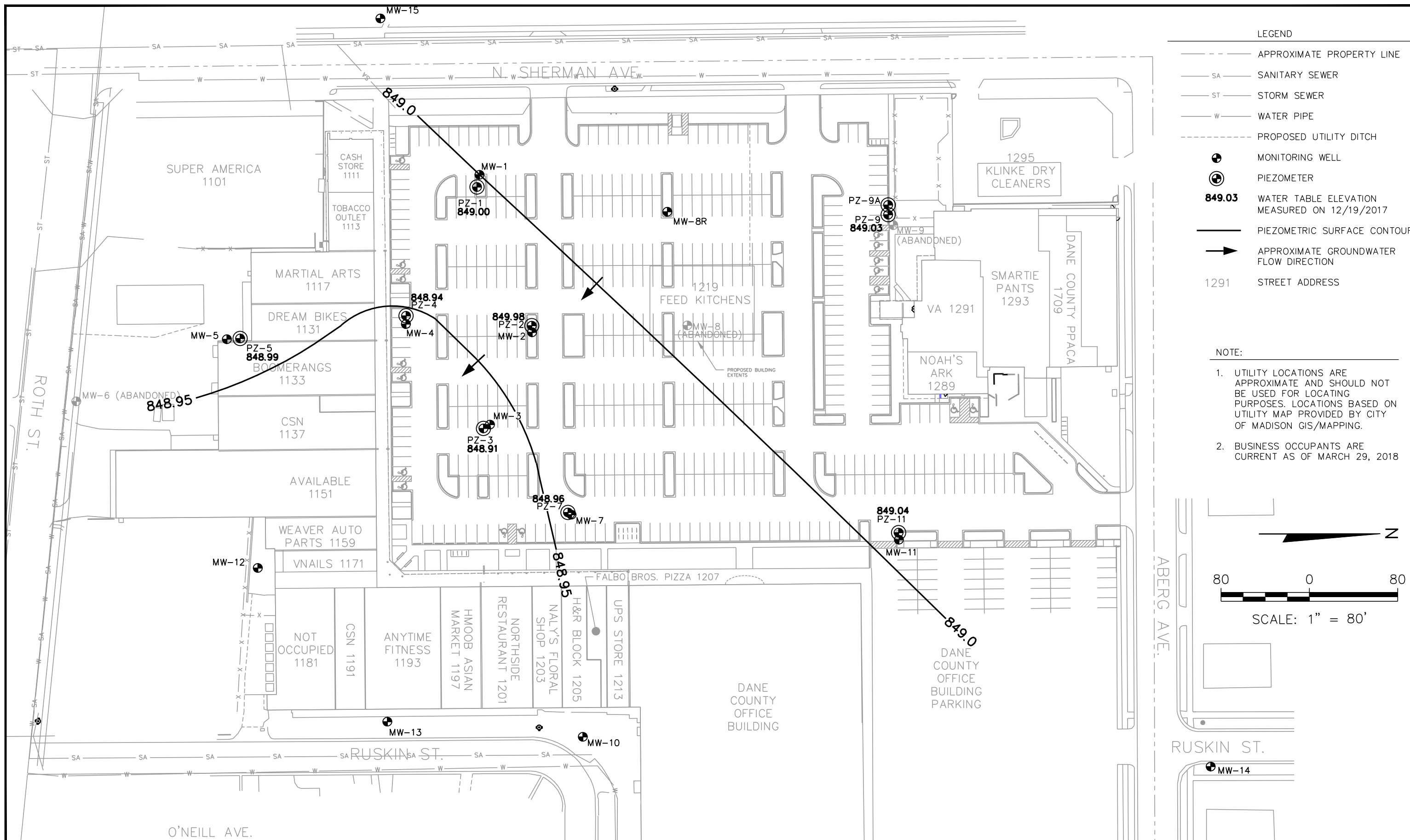
- APPROXIMATE PROPERTY LINE
- SA SANITARY SEWER
- ST STORM SEWER
- W WATER PIPE
- - - PROPOSED UTILITY DITCH
- ⊕ MONITORING WELL
- ⊕⊕ PIEZOMETER
- 849.01** WATER TABLE ELEVATION MEASURED ON 12/19/2017
- WATER TABLE CONTOUR
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- 1291 STREET ADDRESS

- NOTE:
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 2. BUSINESS OCCUPANTS ARE CURRENT AS OF MARCH 29, 2018.



PROJECT NO. 25211374.50	DRAWN BY: BJM	ENGINEER SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT NORTHGATE PARTNERSHIP 7625 BONETTI ROAD DANE, WI 53529	SITE NORTHGATE SHOPPING CENTER 1127 NORTH SHERMAN AVE. MADISON, WI	WATER TABLE CONTOUR MAP DECEMBER 19, 2017	FIGURE
DRAWN: 08/25/16	CHECKED BY: BS					2
REVISED: 04/02/18	APPROVED BY:					

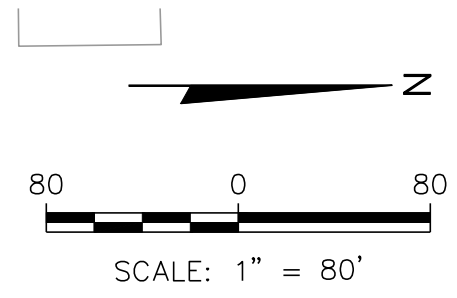
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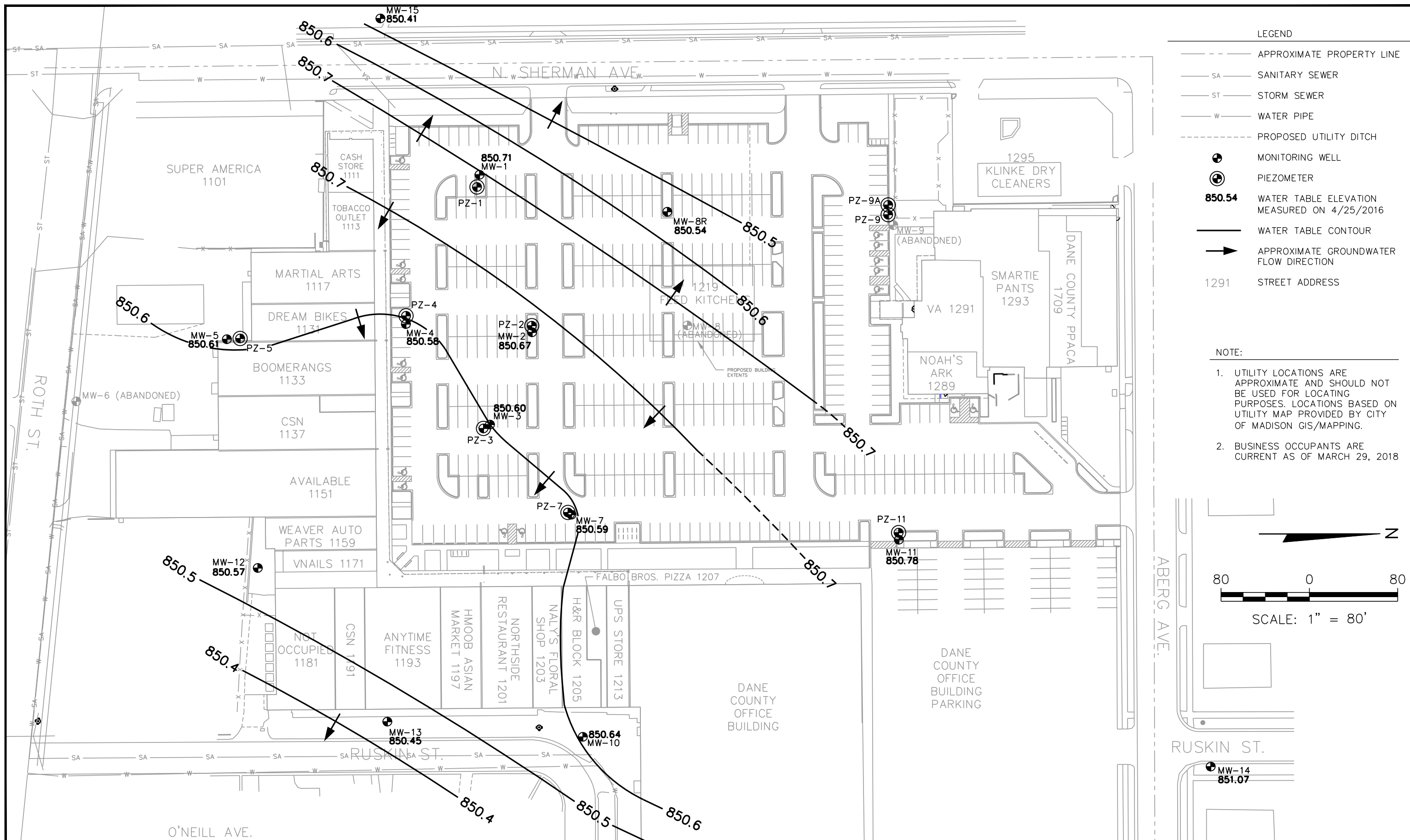
LEGEND

- APPROXIMATE PROPERTY LINE
- SA SANITARY SEWER
- ST STORM SEWER
- W WATER PIPE
- - - - PROPOSED UTILITY DITCH
- ⊕ MONITORING WELL
- ⊕⊕ PIEZOMETER
- 849.03** WATER TABLE ELEVATION MEASURED ON 12/19/2017
- PIEZOMETRIC SURFACE CONTOUR
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- 1291 STREET ADDRESS

- NOTE:
1. UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD NOT BE USED FOR LOCATING PURPOSES. LOCATIONS BASED ON UTILITY MAP PROVIDED BY CITY OF MADISON GIS/MAPPING.
 2. BUSINESS OCCUPANTS ARE CURRENT AS OF MARCH 29, 2018.



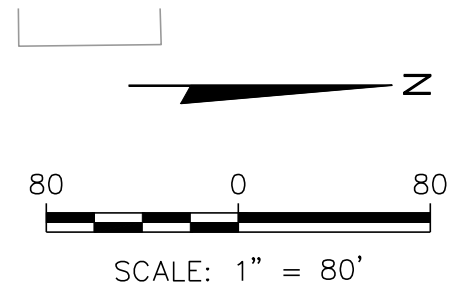
PROJECT NO.	25211374.50	DRAWN BY:	BJM	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT NORTHGATE PARTNERSHIP 7625 BONETTI ROAD DANE, WI 53529	SITE NORTHGATE SHOPPING CENTER 1127 NORTH SHERMAN AVE. MADISON, WI	FIGURE 3
DRAWN:	08/25/16	CHECKED BY:	BS				
REVISED:	04/02/18	APPROVED BY:					



LEGEND

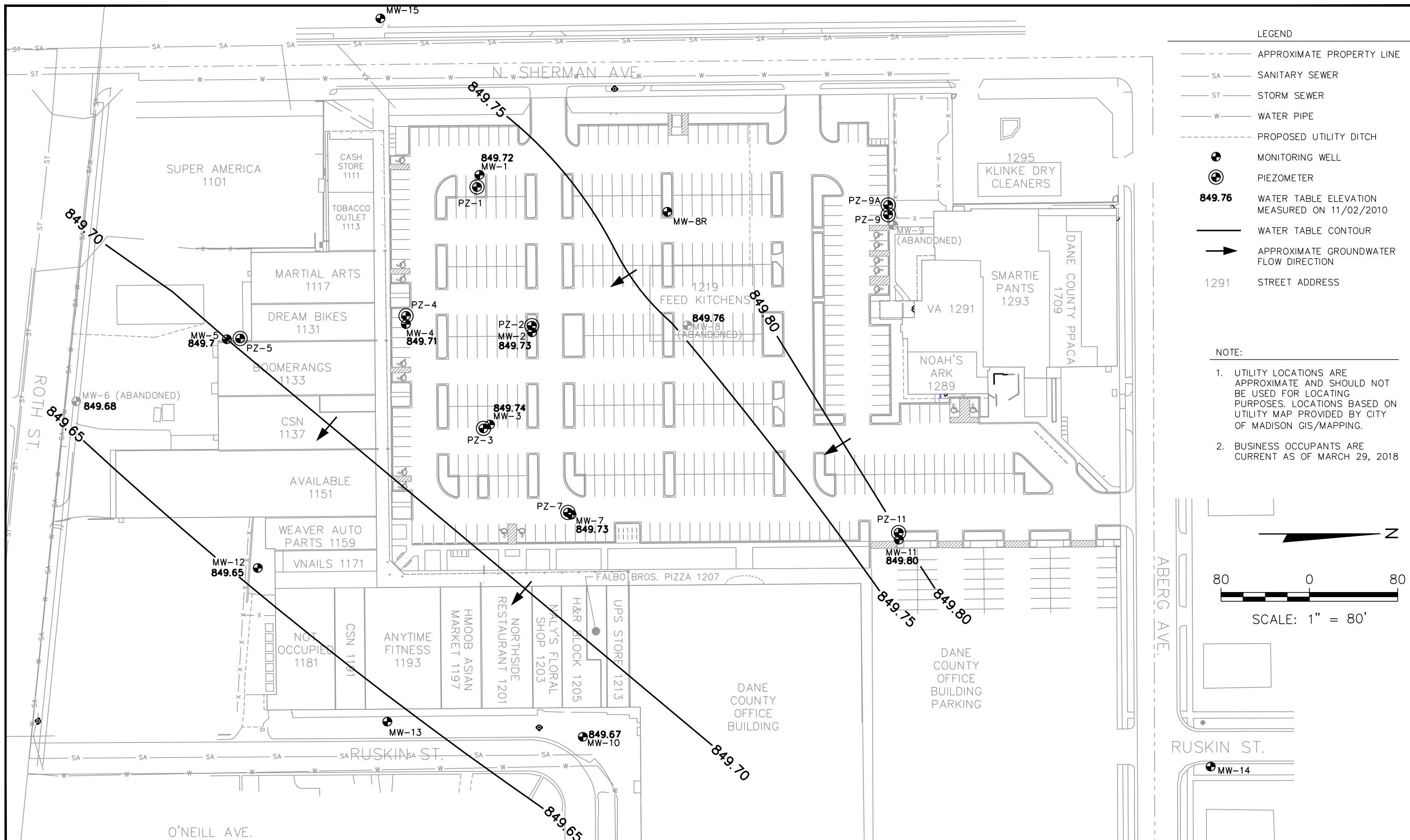
- APPROXIMATE PROPERTY LINE
- SA SANITARY SEWER
- ST STORM SEWER
- W WATER PIPE
- - - PROPOSED UTILITY DITCH
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- 850.54** WATER TABLE ELEVATION MEASURED ON 4/25/2016
- WATER TABLE CONTOUR
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- 1291 STREET ADDRESS

- NOTE:
1. UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD NOT BE USED FOR LOCATING PURPOSES. LOCATIONS BASED ON UTILITY MAP PROVIDED BY CITY OF MADISON GIS/MAPPING.
 2. BUSINESS OCCUPANTS ARE CURRENT AS OF MARCH 29, 2018



PROJECT NO. 25211374.50	DRAWN BY: BJM	SCS ENGINEERS 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT NORTHGATE PARTNERSHIP 7625 BONETTI ROAD DANE, WI 53529	SITE NORTHGATE SHOPPING CENTER 1127 NORTH SHERMAN AVE. MADISON, WI	WATER TABLE CONTOUR MAP APRIL 25, 2016	FIGURE
DRAWN: 08/25/16	CHECKED BY: BS					4
REVISED: 04/02/18	APPROVED BY:					

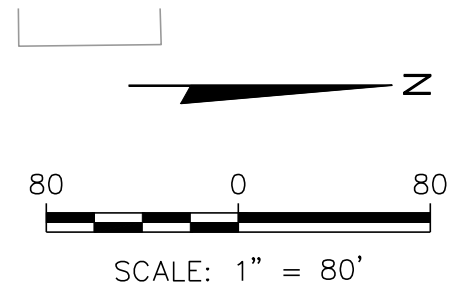
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LEGEND

- APPROXIMATE PROPERTY LINE
- SA SANITARY SEWER
- ST STORM SEWER
- W WATER PIPE
- - - PROPOSED UTILITY DITCH
- ⊕ MONITORING WELL
- ⊕ (with circle) PIEZOMETER
- 849.76 WATER TABLE ELEVATION MEASURED ON 11/02/2010
- WATER TABLE CONTOUR
- ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION
- 1291 STREET ADDRESS

- NOTE:
1. UTILITY LOCATIONS ARE APPROXIMATE AND SHOULD NOT BE USED FOR LOCATING PURPOSES. LOCATIONS BASED ON UTILITY MAP PROVIDED BY CITY OF MADISON GIS/MAPPING.
 2. BUSINESS OCCUPANTS ARE CURRENT AS OF MARCH 29, 2018



PROJECT NO. 25211374.50	DRAWN BY: BJM	<p>2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830</p>	<p>NORTHGATE PARTNERSHIP 7625 BONETTI ROAD DANE, WI 53529</p>	<p>SITE NORTHGATE SHOPPING CENTER 1127 NORTH SHERMAN AVE. MADISON, WI</p>	<p>WATER TABLE CONTOUR MAP NOVEMBER 2, 2010</p>	FIGURE
DRAWN: 08/25/16	CHECKED BY: BS					5
REVISED: 04/02/18	APPROVED BY:					

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ATTACHMENT A

Groundwater Laboratory Report Dated December 27, 2017

December 27, 2017

Betty Socha
SCS ENGINEERS
2830 Dairy Drive
Madison, WI 53718

RE: Project: 25211374.57 NORTHGATE SHOPPING
Pace Project No.: 40162783

Dear Betty Socha:

Enclosed are the analytical results for sample(s) received by the laboratory on December 21, 2017. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Dan Milewsky
dan.milewsky@pacelabs.com
(920)469-2436
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 25211374.57 NORTHGATE SHOPPING
Pace Project No.: 40162783

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40162783001	MW-14	Water	12/19/17 11:50	12/21/17 10:55
40162783002	MW-15	Water	12/19/17 12:15	12/21/17 10:55
40162783003	MW-8R	Water	12/19/17 12:45	12/21/17 10:55
40162783004	MW-3	Water	12/19/17 13:15	12/21/17 10:55
40162783005	PZ-3	Water	12/19/17 13:45	12/21/17 10:55
40162783006	MW-2	Water	12/19/17 14:15	12/21/17 10:55
40162783007	PZ-2	Water	12/19/17 14:45	12/21/17 10:55
40162783008	MW-13	Water	12/20/17 08:40	12/21/17 10:55
40162783009	PZ-4	Water	12/20/17 09:30	12/21/17 10:55
40162783010	PZ-11	Water	12/20/17 10:15	12/21/17 10:55
40162783011	MW-11	Water	12/20/17 10:30	12/21/17 10:55
40162783012	MW-11-FD	Water	12/20/17 10:35	12/21/17 10:55
40162783013	MW-7	Water	12/20/17 11:30	12/21/17 10:55
40162783014	PZ-9A	Water	12/20/17 12:10	12/21/17 10:55
40162783015	MW-4	Water	12/20/17 13:30	12/21/17 10:55
40162783016	PZ-1	Water	12/20/17 13:50	12/21/17 10:55
40162783017	PZ-7	Water	12/20/17 14:10	12/21/17 10:55
40162783018	PZ-9	Water	12/20/17 14:40	12/21/17 10:55
40162783019	PZ-5	Water	12/20/17 15:00	12/21/17 10:55
40162783020	TRIP BLANK	Water	12/20/17 00:00	12/21/17 10:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 25211374.57 NORTHGATE SHOPPING
Pace Project No.: 40162783

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40162783001	MW-14	EPA 8260	HNW	64	PASI-G
40162783002	MW-15	EPA 8260	HNW	64	PASI-G
40162783003	MW-8R	EPA 8260	HNW	64	PASI-G
40162783004	MW-3	EPA 8260	HNW	64	PASI-G
40162783005	PZ-3	EPA 8260	HNW	64	PASI-G
40162783006	MW-2	EPA 8260	HNW	64	PASI-G
40162783007	PZ-2	EPA 8260	HNW	64	PASI-G
40162783008	MW-13	EPA 8260	HNW	64	PASI-G
40162783009	PZ-4	EPA 8260	HNW	64	PASI-G
40162783010	PZ-11	EPA 8260	HNW	64	PASI-G
40162783011	MW-11	EPA 8260	HNW	64	PASI-G
40162783012	MW-11-FD	EPA 8260	HNW	64	PASI-G
40162783013	MW-7	EPA 8260	HNW	64	PASI-G
40162783014	PZ-9A	EPA 8260	HNW	64	PASI-G
40162783015	MW-4	EPA 8260	HNW	64	PASI-G
40162783016	PZ-1	EPA 8260	HNW	64	PASI-G
40162783017	PZ-7	EPA 8260	HNW	64	PASI-G
40162783018	PZ-9	EPA 8260	HNW	64	PASI-G
40162783019	PZ-5	EPA 8260	HNW	64	PASI-G
40162783020	TRIP BLANK	EPA 8260	HNW	64	PASI-G

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SUMMARY OF DETECTION

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40162783001	MW-14					
EPA 8260	Tetrachloroethene	2.0	ug/L	1.0	12/26/17 12:06	
40162783003	MW-8R					
EPA 8260	cis-1,2-Dichloroethene	0.34J	ug/L	1.0	12/26/17 12:49	
EPA 8260	Methyl-tert-butyl ether	0.42J	ug/L	1.0	12/26/17 12:49	
EPA 8260	Tetrachloroethene	26.0	ug/L	1.0	12/26/17 12:49	
EPA 8260	Trichloroethene	0.57J	ug/L	1.0	12/26/17 12:49	
40162783004	MW-3					
EPA 8260	cis-1,2-Dichloroethene	57.2	ug/L	5.0	12/26/17 11:22	
EPA 8260	Tetrachloroethene	555	ug/L	5.0	12/26/17 11:22	
EPA 8260	Trichloroethene	30.3	ug/L	5.0	12/26/17 11:22	
EPA 8260	Vinyl chloride	5.3	ug/L	5.0	12/26/17 11:22	
40162783005	PZ-3					
EPA 8260	Chloroethane	2.4	ug/L	1.0	12/26/17 13:11	
EPA 8260	1,1-Dichloroethene	3.1	ug/L	1.0	12/26/17 13:11	
EPA 8260	cis-1,2-Dichloroethene	52.3	ug/L	1.0	12/26/17 13:11	
EPA 8260	trans-1,2-Dichloroethene	1.3	ug/L	1.0	12/26/17 13:11	
EPA 8260	Tetrachloroethene	256	ug/L	1.0	12/26/17 13:11	
EPA 8260	Trichloroethene	35.9	ug/L	1.0	12/26/17 13:11	
EPA 8260	Vinyl chloride	37.3	ug/L	1.0	12/26/17 13:11	
40162783006	MW-2					
EPA 8260	cis-1,2-Dichloroethene	29.2	ug/L	4.0	12/26/17 11:44	
EPA 8260	Tetrachloroethene	477	ug/L	4.0	12/26/17 11:44	
EPA 8260	Trichloroethene	20.8	ug/L	4.0	12/26/17 11:44	
EPA 8260	Vinyl chloride	8.0	ug/L	4.0	12/26/17 11:44	
40162783007	PZ-2					
EPA 8260	1,1-Dichloroethene	1.3	ug/L	1.0	12/26/17 13:33	
EPA 8260	cis-1,2-Dichloroethene	97.5	ug/L	1.0	12/26/17 13:33	
EPA 8260	trans-1,2-Dichloroethene	2.4	ug/L	1.0	12/26/17 13:33	
EPA 8260	Methyl-tert-butyl ether	0.33J	ug/L	1.0	12/26/17 13:33	
EPA 8260	Tetrachloroethene	70.8	ug/L	1.0	12/26/17 13:33	
EPA 8260	Trichloroethene	19.1	ug/L	1.0	12/26/17 13:33	
EPA 8260	Vinyl chloride	55.4	ug/L	1.0	12/26/17 13:33	
40162783008	MW-13					
EPA 8260	Tetrachloroethene	13.1	ug/L	1.0	12/26/17 13:55	
EPA 8260	Trichloroethene	2.0	ug/L	1.0	12/26/17 13:55	
40162783009	PZ-4					
EPA 8260	cis-1,2-Dichloroethene	40.1	ug/L	1.0	12/26/17 14:17	
EPA 8260	trans-1,2-Dichloroethene	0.98J	ug/L	1.0	12/26/17 14:17	
EPA 8260	Methyl-tert-butyl ether	2.3	ug/L	1.0	12/26/17 14:17	
EPA 8260	Tetrachloroethene	5.5	ug/L	1.0	12/26/17 14:17	
EPA 8260	Trichloroethene	7.3	ug/L	1.0	12/26/17 14:17	
EPA 8260	Vinyl chloride	15.9	ug/L	1.0	12/26/17 14:17	

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SUMMARY OF DETECTION

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40162783010	PZ-11					
EPA 8260	cis-1,2-Dichloroethene	0.28J	ug/L	1.0	12/26/17 14:39	
EPA 8260	Tetrachloroethene	24.0	ug/L	1.0	12/26/17 14:39	
EPA 8260	Trichloroethene	4.5	ug/L	1.0	12/26/17 14:39	
40162783011	MW-11					
EPA 8260	Tetrachloroethene	46.3	ug/L	1.0	12/26/17 15:01	
EPA 8260	Trichloroethene	8.6	ug/L	1.0	12/26/17 15:01	
40162783012	MW-11-FD					
EPA 8260	Tetrachloroethene	42.9	ug/L	1.0	12/26/17 10:16	
EPA 8260	Trichloroethene	7.9	ug/L	1.0	12/26/17 10:16	
40162783013	MW-7					
EPA 8260	cis-1,2-Dichloroethene	1.3J	ug/L	5.0	12/26/17 10:38	
EPA 8260	Tetrachloroethene	606	ug/L	5.0	12/26/17 10:38	
EPA 8260	Trichloroethene	18.4	ug/L	5.0	12/26/17 10:38	
40162783014	PZ-9A					
EPA 8260	1,2-Dichloroethane	0.51J	ug/L	1.0	12/26/17 15:23	
EPA 8260	Tetrachloroethene	22.7	ug/L	1.0	12/26/17 15:23	
EPA 8260	Trichloroethene	0.35J	ug/L	1.0	12/26/17 15:23	
EPA 8260	Trichlorofluoromethane	0.44J	ug/L	1.0	12/26/17 15:23	
40162783015	MW-4					
EPA 8260	Chloroethane	3.1	ug/L	1.0	12/26/17 17:12	
EPA 8260	1,2-Dichlorobenzene	2.7	ug/L	1.0	12/26/17 17:12	
EPA 8260	1,4-Dichlorobenzene	0.60J	ug/L	1.0	12/26/17 17:12	
EPA 8260	cis-1,2-Dichloroethene	11.5	ug/L	1.0	12/26/17 17:12	
EPA 8260	trans-1,2-Dichloroethene	4.1	ug/L	1.0	12/26/17 17:12	
EPA 8260	Tetrachloroethene	1.0	ug/L	1.0	12/26/17 17:12	
EPA 8260	Toluene	1.1	ug/L	1.0	12/26/17 17:12	
EPA 8260	Trichloroethene	1.1	ug/L	1.0	12/26/17 17:12	
EPA 8260	Vinyl chloride	85.1	ug/L	1.0	12/26/17 17:12	
40162783016	PZ-1					
EPA 8260	cis-1,2-Dichloroethene	4.0	ug/L	1.0	12/26/17 09:54	
EPA 8260	trans-1,2-Dichloroethene	0.33J	ug/L	1.0	12/26/17 09:54	
EPA 8260	Methyl-tert-butyl ether	3.8	ug/L	1.0	12/26/17 09:54	
EPA 8260	Tetrachloroethene	3.5	ug/L	1.0	12/26/17 09:54	
EPA 8260	Trichloroethene	0.48J	ug/L	1.0	12/26/17 09:54	
EPA 8260	Vinyl chloride	1.3	ug/L	1.0	12/26/17 09:54	
40162783017	PZ-7					
EPA 8260	cis-1,2-Dichloroethene	11.3	ug/L	1.0	12/26/17 15:44	
EPA 8260	trans-1,2-Dichloroethene	0.48J	ug/L	1.0	12/26/17 15:44	
EPA 8260	Tetrachloroethene	84.2	ug/L	1.0	12/26/17 15:44	
EPA 8260	Trichloroethene	15.8	ug/L	1.0	12/26/17 15:44	
EPA 8260	Vinyl chloride	2.3	ug/L	1.0	12/26/17 15:44	

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SUMMARY OF DETECTION

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40162783018	PZ-9					
EPA 8260	cis-1,2-Dichloroethene	0.31J	ug/L	1.0	12/26/17 16:06	
EPA 8260	Tetrachloroethene	142	ug/L	1.0	12/26/17 16:06	
EPA 8260	Trichloroethene	8.2	ug/L	1.0	12/26/17 16:06	
40162783019	PZ-5					
EPA 8260	cis-1,2-Dichloroethene	7.7	ug/L	1.0	12/26/17 16:28	
EPA 8260	trans-1,2-Dichloroethene	0.32J	ug/L	1.0	12/26/17 16:28	
EPA 8260	Methyl-tert-butyl ether	1.8	ug/L	1.0	12/26/17 16:28	
EPA 8260	Tetrachloroethene	2.5	ug/L	1.0	12/26/17 16:28	
EPA 8260	Trichloroethene	0.83J	ug/L	1.0	12/26/17 16:28	
EPA 8260	Vinyl chloride	0.63J	ug/L	1.0	12/26/17 16:28	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-14 **Lab ID: 40162783001** Collected: 12/19/17 11:50 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 12:06	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 12:06	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 12:06	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 12:06	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 12:06	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 12:06	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 12:06	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 12:06	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 12:06	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 12:06	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 12:06	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 12:06	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 12:06	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 12:06	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 12:06	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 12:06	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 12:06	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 12:06	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 12:06	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 12:06	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 12:06	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 12:06	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 12:06	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 12:06	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 12:06	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 12:06	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 12:06	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-14 **Lab ID: 40162783001** Collected: 12/19/17 11:50 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 12:06	79-34-5	
Tetrachloroethene	2.0	ug/L	1.0	0.50	1		12/26/17 12:06	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 12:06	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 12:06	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 12:06	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/26/17 12:06	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 12:06	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 12:06	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 12:06	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		1		12/26/17 12:06	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		12/26/17 12:06	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/26/17 12:06	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-15 **Lab ID: 40162783002** Collected: 12/19/17 12:15 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 12:27	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 12:27	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 12:27	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 12:27	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 12:27	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 12:27	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 12:27	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 12:27	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 12:27	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 12:27	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 12:27	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 12:27	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 12:27	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 12:27	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 12:27	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 12:27	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 12:27	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 12:27	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 12:27	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 12:27	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 12:27	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 12:27	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 12:27	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 12:27	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 12:27	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 12:27	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 12:27	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-15 **Lab ID: 40162783002** Collected: 12/19/17 12:15 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 12:27	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 12:27	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 12:27	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 12:27	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/26/17 12:27	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 12:27	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 12:27	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 12:27	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:27	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		1		12/26/17 12:27	460-00-4	pH
Dibromofluoromethane (S)	102	%	67-130		1		12/26/17 12:27	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/26/17 12:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-8R **Lab ID: 40162783003** Collected: 12/19/17 12:45 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 12:49	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 12:49	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 12:49	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 12:49	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 12:49	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 12:49	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 12:49	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 12:49	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 12:49	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 12:49	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 12:49	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 12:49	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 12:49	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 12:49	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 12:49	75-35-4	
cis-1,2-Dichloroethene	0.34J	ug/L	1.0	0.26	1		12/26/17 12:49	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 12:49	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 12:49	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 12:49	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 12:49	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 12:49	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 12:49	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 12:49	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 12:49	75-09-2	
Methyl-tert-butyl ether	0.42J	ug/L	1.0	0.17	1		12/26/17 12:49	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 12:49	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 12:49	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-8R **Lab ID: 40162783003** Collected: 12/19/17 12:45 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 12:49	79-34-5	
Tetrachloroethene	26.0	ug/L	1.0	0.50	1		12/26/17 12:49	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 12:49	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 12:49	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 12:49	79-00-5	
Trichloroethene	0.57J	ug/L	1.0	0.33	1		12/26/17 12:49	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 12:49	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 12:49	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 12:49	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 12:49	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		1		12/26/17 12:49	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		12/26/17 12:49	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		12/26/17 12:49	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-3 **Lab ID: 40162783004** Collected: 12/19/17 13:15 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		12/26/17 11:22	108-86-1	
Bromochloromethane	<1.7	ug/L	5.0	1.7	5		12/26/17 11:22	74-97-5	
Bromodichloromethane	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	75-27-4	
Bromoform	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	75-25-2	
Bromomethane	<12.2	ug/L	25.0	12.2	5		12/26/17 11:22	74-83-9	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	104-51-8	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		12/26/17 11:22	135-98-8	
tert-Butylbenzene	<0.90	ug/L	5.0	0.90	5		12/26/17 11:22	98-06-6	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	108-90-7	
Chloroethane	<1.9	ug/L	5.0	1.9	5		12/26/17 11:22	75-00-3	
Chloroform	<12.5	ug/L	25.0	12.5	5		12/26/17 11:22	67-66-3	
Chloromethane	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	74-87-3	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	95-49-8	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		12/26/17 11:22	106-43-4	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		12/26/17 11:22	96-12-8	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	124-48-1	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		12/26/17 11:22	106-93-4	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		12/26/17 11:22	74-95-3	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	95-50-1	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	541-73-1	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	106-46-7	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		12/26/17 11:22	75-71-8	
1,1-Dichloroethane	<1.2	ug/L	5.0	1.2	5		12/26/17 11:22	75-34-3	
1,2-Dichloroethane	<0.84	ug/L	5.0	0.84	5		12/26/17 11:22	107-06-2	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		12/26/17 11:22	75-35-4	
cis-1,2-Dichloroethene	57.2	ug/L	5.0	1.3	5		12/26/17 11:22	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	5.0	1.3	5		12/26/17 11:22	156-60-5	
1,2-Dichloropropane	<1.2	ug/L	5.0	1.2	5		12/26/17 11:22	78-87-5	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	142-28-9	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		12/26/17 11:22	594-20-7	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		12/26/17 11:22	563-58-6	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	10061-01-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		12/26/17 11:22	10061-02-6	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	108-20-3	
Ethylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		12/26/17 11:22	87-68-3	
Isopropylbenzene (Cumene)	<0.72	ug/L	5.0	0.72	5		12/26/17 11:22	98-82-8	
p-Isopropyltoluene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	99-87-6	
Methylene Chloride	<1.2	ug/L	5.0	1.2	5		12/26/17 11:22	75-09-2	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		12/26/17 11:22	1634-04-4	
Naphthalene	<12.5	ug/L	25.0	12.5	5		12/26/17 11:22	91-20-3	
n-Propylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	103-65-1	
Styrene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	100-42-5	
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		12/26/17 11:22	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-3 **Lab ID: 40162783004** Collected: 12/19/17 13:15 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		12/26/17 11:22	79-34-5	
Tetrachloroethene	555	ug/L	5.0	2.5	5		12/26/17 11:22	127-18-4	
Toluene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	108-88-3	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		12/26/17 11:22	87-61-6	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		12/26/17 11:22	120-82-1	
1,1,1-Trichloroethane	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	71-55-6	
1,1,2-Trichloroethane	<0.99	ug/L	5.0	0.99	5		12/26/17 11:22	79-00-5	
Trichloroethene	30.3	ug/L	5.0	1.7	5		12/26/17 11:22	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		12/26/17 11:22	75-69-4	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	96-18-4	
1,2,4-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	108-67-8	
Vinyl chloride	5.3	ug/L	5.0	0.88	5		12/26/17 11:22	75-01-4	
m&p-Xylene	<5.0	ug/L	10.0	5.0	5		12/26/17 11:22	179601-23-1	
o-Xylene	<2.5	ug/L	5.0	2.5	5		12/26/17 11:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		5		12/26/17 11:22	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		5		12/26/17 11:22	1868-53-7	
Toluene-d8 (S)	101	%	70-130		5		12/26/17 11:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-3 **Lab ID: 40162783005** Collected: 12/19/17 13:45 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 13:11	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 13:11	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 13:11	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 13:11	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 13:11	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	108-90-7	
Chloroethane	2.4	ug/L	1.0	0.37	1		12/26/17 13:11	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 13:11	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 13:11	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 13:11	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 13:11	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 13:11	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 13:11	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 13:11	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 13:11	107-06-2	
1,1-Dichloroethene	3.1	ug/L	1.0	0.41	1		12/26/17 13:11	75-35-4	
cis-1,2-Dichloroethene	52.3	ug/L	1.0	0.26	1		12/26/17 13:11	156-59-2	
trans-1,2-Dichloroethene	1.3	ug/L	1.0	0.26	1		12/26/17 13:11	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 13:11	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 13:11	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 13:11	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 13:11	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 13:11	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 13:11	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 13:11	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 13:11	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 13:11	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 13:11	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-3 **Lab ID: 40162783005** Collected: 12/19/17 13:45 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 13:11	79-34-5	
Tetrachloroethene	256	ug/L	1.0	0.50	1		12/26/17 13:11	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 13:11	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 13:11	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 13:11	79-00-5	
Trichloroethene	35.9	ug/L	1.0	0.33	1		12/26/17 13:11	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 13:11	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	108-67-8	
Vinyl chloride	37.3	ug/L	1.0	0.18	1		12/26/17 13:11	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 13:11	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		1		12/26/17 13:11	460-00-4	
Dibromofluoromethane (S)	103	%	67-130		1		12/26/17 13:11	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/26/17 13:11	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-2 **Lab ID: 40162783006** Collected: 12/19/17 14:15 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	71-43-2	
Bromobenzene	<0.92	ug/L	4.0	0.92	4		12/26/17 11:44	108-86-1	
Bromochloromethane	<1.4	ug/L	4.0	1.4	4		12/26/17 11:44	74-97-5	
Bromodichloromethane	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	75-27-4	
Bromoform	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	75-25-2	
Bromomethane	<9.7	ug/L	20.0	9.7	4		12/26/17 11:44	74-83-9	
n-Butylbenzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	104-51-8	
sec-Butylbenzene	<8.7	ug/L	20.0	8.7	4		12/26/17 11:44	135-98-8	
tert-Butylbenzene	<0.72	ug/L	4.0	0.72	4		12/26/17 11:44	98-06-6	
Carbon tetrachloride	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	56-23-5	
Chlorobenzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	108-90-7	
Chloroethane	<1.5	ug/L	4.0	1.5	4		12/26/17 11:44	75-00-3	
Chloroform	<10.0	ug/L	20.0	10.0	4		12/26/17 11:44	67-66-3	
Chloromethane	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	74-87-3	
2-Chlorotoluene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	95-49-8	
4-Chlorotoluene	<0.85	ug/L	4.0	0.85	4		12/26/17 11:44	106-43-4	
1,2-Dibromo-3-chloropropane	<8.7	ug/L	20.0	8.7	4		12/26/17 11:44	96-12-8	
Dibromochloromethane	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.71	ug/L	4.0	0.71	4		12/26/17 11:44	106-93-4	
Dibromomethane	<1.7	ug/L	4.0	1.7	4		12/26/17 11:44	74-95-3	
1,2-Dichlorobenzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	95-50-1	
1,3-Dichlorobenzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	541-73-1	
1,4-Dichlorobenzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	106-46-7	
Dichlorodifluoromethane	<0.90	ug/L	4.0	0.90	4		12/26/17 11:44	75-71-8	
1,1-Dichloroethane	<0.97	ug/L	4.0	0.97	4		12/26/17 11:44	75-34-3	
1,2-Dichloroethane	<0.67	ug/L	4.0	0.67	4		12/26/17 11:44	107-06-2	
1,1-Dichloroethene	<1.6	ug/L	4.0	1.6	4		12/26/17 11:44	75-35-4	
cis-1,2-Dichloroethene	29.2	ug/L	4.0	1.0	4		12/26/17 11:44	156-59-2	
trans-1,2-Dichloroethene	<1.0	ug/L	4.0	1.0	4		12/26/17 11:44	156-60-5	
1,2-Dichloropropane	<0.93	ug/L	4.0	0.93	4		12/26/17 11:44	78-87-5	
1,3-Dichloropropane	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	142-28-9	
2,2-Dichloropropane	<1.9	ug/L	4.0	1.9	4		12/26/17 11:44	594-20-7	
1,1-Dichloropropene	<1.8	ug/L	4.0	1.8	4		12/26/17 11:44	563-58-6	
cis-1,3-Dichloropropene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	10061-01-5	
trans-1,3-Dichloropropene	<0.92	ug/L	4.0	0.92	4		12/26/17 11:44	10061-02-6	
Diisopropyl ether	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	108-20-3	
Ethylbenzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	100-41-4	
Hexachloro-1,3-butadiene	<8.4	ug/L	20.0	8.4	4		12/26/17 11:44	87-68-3	
Isopropylbenzene (Cumene)	<0.57	ug/L	4.0	0.57	4		12/26/17 11:44	98-82-8	
p-Isopropyltoluene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	99-87-6	
Methylene Chloride	<0.93	ug/L	4.0	0.93	4		12/26/17 11:44	75-09-2	
Methyl-tert-butyl ether	<0.70	ug/L	4.0	0.70	4		12/26/17 11:44	1634-04-4	
Naphthalene	<10.0	ug/L	20.0	10.0	4		12/26/17 11:44	91-20-3	
n-Propylbenzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	103-65-1	
Styrene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	100-42-5	
1,1,1,2-Tetrachloroethane	<0.72	ug/L	4.0	0.72	4		12/26/17 11:44	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-2 **Lab ID: 40162783006** Collected: 12/19/17 14:15 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.0	ug/L	4.0	1.0	4		12/26/17 11:44	79-34-5	
Tetrachloroethene	477	ug/L	4.0	2.0	4		12/26/17 11:44	127-18-4	
Toluene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	108-88-3	
1,2,3-Trichlorobenzene	<8.5	ug/L	20.0	8.5	4		12/26/17 11:44	87-61-6	
1,2,4-Trichlorobenzene	<8.8	ug/L	20.0	8.8	4		12/26/17 11:44	120-82-1	
1,1,1-Trichloroethane	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	71-55-6	
1,1,2-Trichloroethane	<0.79	ug/L	4.0	0.79	4		12/26/17 11:44	79-00-5	
Trichloroethene	20.8	ug/L	4.0	1.3	4		12/26/17 11:44	79-01-6	
Trichlorofluoromethane	<0.74	ug/L	4.0	0.74	4		12/26/17 11:44	75-69-4	
1,2,3-Trichloropropane	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	96-18-4	
1,2,4-Trimethylbenzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	95-63-6	
1,3,5-Trimethylbenzene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	108-67-8	
Vinyl chloride	8.0	ug/L	4.0	0.70	4		12/26/17 11:44	75-01-4	
m&p-Xylene	<4.0	ug/L	8.0	4.0	4		12/26/17 11:44	179601-23-1	
o-Xylene	<2.0	ug/L	4.0	2.0	4		12/26/17 11:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		4		12/26/17 11:44	460-00-4	
Dibromofluoromethane (S)	103	%	67-130		4		12/26/17 11:44	1868-53-7	
Toluene-d8 (S)	101	%	70-130		4		12/26/17 11:44	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-2 **Lab ID: 40162783007** Collected: 12/19/17 14:45 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 13:33	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 13:33	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 13:33	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 13:33	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 13:33	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 13:33	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 13:33	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 13:33	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 13:33	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 13:33	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 13:33	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 13:33	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 13:33	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 13:33	107-06-2	
1,1-Dichloroethene	1.3	ug/L	1.0	0.41	1		12/26/17 13:33	75-35-4	
cis-1,2-Dichloroethene	97.5	ug/L	1.0	0.26	1		12/26/17 13:33	156-59-2	
trans-1,2-Dichloroethene	2.4	ug/L	1.0	0.26	1		12/26/17 13:33	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 13:33	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 13:33	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 13:33	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 13:33	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 13:33	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 13:33	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 13:33	75-09-2	
Methyl-tert-butyl ether	0.33J	ug/L	1.0	0.17	1		12/26/17 13:33	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 13:33	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 13:33	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-2 **Lab ID: 40162783007** Collected: 12/19/17 14:45 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 13:33	79-34-5	
Tetrachloroethene	70.8	ug/L	1.0	0.50	1		12/26/17 13:33	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 13:33	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 13:33	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 13:33	79-00-5	
Trichloroethene	19.1	ug/L	1.0	0.33	1		12/26/17 13:33	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 13:33	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	108-67-8	
Vinyl chloride	55.4	ug/L	1.0	0.18	1		12/26/17 13:33	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 13:33	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		1		12/26/17 13:33	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		12/26/17 13:33	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		12/26/17 13:33	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-13 **Lab ID: 40162783008** Collected: 12/20/17 08:40 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 13:55	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 13:55	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 13:55	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 13:55	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 13:55	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 13:55	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 13:55	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 13:55	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 13:55	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 13:55	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 13:55	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 13:55	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 13:55	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 13:55	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 13:55	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 13:55	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 13:55	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 13:55	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 13:55	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 13:55	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 13:55	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 13:55	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 13:55	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 13:55	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 13:55	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 13:55	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 13:55	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-13 **Lab ID: 40162783008** Collected: 12/20/17 08:40 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 13:55	79-34-5	
Tetrachloroethene	13.1	ug/L	1.0	0.50	1		12/26/17 13:55	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 13:55	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 13:55	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 13:55	79-00-5	
Trichloroethene	2.0	ug/L	1.0	0.33	1		12/26/17 13:55	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 13:55	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 13:55	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 13:55	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 13:55	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		12/26/17 13:55	460-00-4	pH
Dibromofluoromethane (S)	104	%	67-130		1		12/26/17 13:55	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		12/26/17 13:55	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-4 **Lab ID: 40162783009** Collected: 12/20/17 09:30 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 14:17	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 14:17	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 14:17	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 14:17	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 14:17	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 14:17	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 14:17	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 14:17	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 14:17	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 14:17	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 14:17	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 14:17	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 14:17	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 14:17	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 14:17	75-35-4	
cis-1,2-Dichloroethene	40.1	ug/L	1.0	0.26	1		12/26/17 14:17	156-59-2	
trans-1,2-Dichloroethene	0.98J	ug/L	1.0	0.26	1		12/26/17 14:17	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 14:17	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 14:17	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 14:17	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 14:17	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 14:17	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 14:17	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 14:17	75-09-2	
Methyl-tert-butyl ether	2.3	ug/L	1.0	0.17	1		12/26/17 14:17	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 14:17	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 14:17	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-4 **Lab ID: 40162783009** Collected: 12/20/17 09:30 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 14:17	79-34-5	
Tetrachloroethene	5.5	ug/L	1.0	0.50	1		12/26/17 14:17	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 14:17	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 14:17	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 14:17	79-00-5	
Trichloroethene	7.3	ug/L	1.0	0.33	1		12/26/17 14:17	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 14:17	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	108-67-8	
Vinyl chloride	15.9	ug/L	1.0	0.18	1		12/26/17 14:17	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 14:17	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		12/26/17 14:17	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		12/26/17 14:17	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		12/26/17 14:17	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-11 Lab ID: 40162783010 Collected: 12/20/17 10:15 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 14:39	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 14:39	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 14:39	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 14:39	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 14:39	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 14:39	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 14:39	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 14:39	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 14:39	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 14:39	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 14:39	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 14:39	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 14:39	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 14:39	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 14:39	75-35-4	
cis-1,2-Dichloroethene	0.28J	ug/L	1.0	0.26	1		12/26/17 14:39	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 14:39	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 14:39	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 14:39	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 14:39	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 14:39	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 14:39	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 14:39	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 14:39	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 14:39	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 14:39	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 14:39	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-11 **Lab ID: 40162783010** Collected: 12/20/17 10:15 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 14:39	79-34-5	
Tetrachloroethene	24.0	ug/L	1.0	0.50	1		12/26/17 14:39	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 14:39	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 14:39	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 14:39	79-00-5	
Trichloroethene	4.5	ug/L	1.0	0.33	1		12/26/17 14:39	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 14:39	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 14:39	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 14:39	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 14:39	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		12/26/17 14:39	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		12/26/17 14:39	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		12/26/17 14:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-11 **Lab ID: 40162783011** Collected: 12/20/17 10:30 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 15:01	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 15:01	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 15:01	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 15:01	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 15:01	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 15:01	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 15:01	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 15:01	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 15:01	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 15:01	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 15:01	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 15:01	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 15:01	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 15:01	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 15:01	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 15:01	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 15:01	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 15:01	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 15:01	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 15:01	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 15:01	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 15:01	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 15:01	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 15:01	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 15:01	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 15:01	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 15:01	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-11 **Lab ID: 40162783011** Collected: 12/20/17 10:30 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 15:01	79-34-5	
Tetrachloroethene	46.3	ug/L	1.0	0.50	1		12/26/17 15:01	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 15:01	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 15:01	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 15:01	79-00-5	
Trichloroethene	8.6	ug/L	1.0	0.33	1		12/26/17 15:01	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 15:01	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 15:01	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 15:01	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		1		12/26/17 15:01	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		12/26/17 15:01	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		12/26/17 15:01	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-11-FD **Lab ID: 40162783012** Collected: 12/20/17 10:35 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 10:16	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 10:16	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 10:16	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 10:16	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 10:16	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 10:16	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 10:16	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 10:16	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 10:16	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 10:16	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 10:16	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 10:16	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 10:16	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 10:16	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 10:16	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 10:16	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 10:16	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 10:16	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 10:16	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 10:16	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 10:16	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 10:16	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 10:16	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 10:16	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 10:16	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 10:16	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 10:16	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-11-FD **Lab ID: 40162783012** Collected: 12/20/17 10:35 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 10:16	79-34-5	
Tetrachloroethene	42.9	ug/L	1.0	0.50	1		12/26/17 10:16	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 10:16	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 10:16	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 10:16	79-00-5	
Trichloroethene	7.9	ug/L	1.0	0.33	1		12/26/17 10:16	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 10:16	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 10:16	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 10:16	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 10:16	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	61-130		1		12/26/17 10:16	460-00-4	
Dibromofluoromethane (S)	102	%	67-130		1		12/26/17 10:16	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/26/17 10:16	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-7 Lab ID: 40162783013 Collected: 12/20/17 11:30 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	71-43-2	
Bromobenzene	<1.2	ug/L	5.0	1.2	5		12/26/17 10:38	108-86-1	
Bromochloromethane	<1.7	ug/L	5.0	1.7	5		12/26/17 10:38	74-97-5	
Bromodichloromethane	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	75-27-4	
Bromoform	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	75-25-2	
Bromomethane	<12.2	ug/L	25.0	12.2	5		12/26/17 10:38	74-83-9	
n-Butylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	104-51-8	
sec-Butylbenzene	<10.9	ug/L	25.0	10.9	5		12/26/17 10:38	135-98-8	
tert-Butylbenzene	<0.90	ug/L	5.0	0.90	5		12/26/17 10:38	98-06-6	
Carbon tetrachloride	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	56-23-5	
Chlorobenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	108-90-7	
Chloroethane	<1.9	ug/L	5.0	1.9	5		12/26/17 10:38	75-00-3	
Chloroform	<12.5	ug/L	25.0	12.5	5		12/26/17 10:38	67-66-3	
Chloromethane	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	74-87-3	
2-Chlorotoluene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	95-49-8	
4-Chlorotoluene	<1.1	ug/L	5.0	1.1	5		12/26/17 10:38	106-43-4	
1,2-Dibromo-3-chloropropane	<10.8	ug/L	25.0	10.8	5		12/26/17 10:38	96-12-8	
Dibromochloromethane	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	124-48-1	
1,2-Dibromoethane (EDB)	<0.89	ug/L	5.0	0.89	5		12/26/17 10:38	106-93-4	
Dibromomethane	<2.1	ug/L	5.0	2.1	5		12/26/17 10:38	74-95-3	
1,2-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	95-50-1	
1,3-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	541-73-1	
1,4-Dichlorobenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	106-46-7	
Dichlorodifluoromethane	<1.1	ug/L	5.0	1.1	5		12/26/17 10:38	75-71-8	
1,1-Dichloroethane	<1.2	ug/L	5.0	1.2	5		12/26/17 10:38	75-34-3	
1,2-Dichloroethane	<0.84	ug/L	5.0	0.84	5		12/26/17 10:38	107-06-2	
1,1-Dichloroethene	<2.1	ug/L	5.0	2.1	5		12/26/17 10:38	75-35-4	
cis-1,2-Dichloroethene	1.3J	ug/L	5.0	1.3	5		12/26/17 10:38	156-59-2	
trans-1,2-Dichloroethene	<1.3	ug/L	5.0	1.3	5		12/26/17 10:38	156-60-5	
1,2-Dichloropropane	<1.2	ug/L	5.0	1.2	5		12/26/17 10:38	78-87-5	
1,3-Dichloropropane	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	142-28-9	
2,2-Dichloropropane	<2.4	ug/L	5.0	2.4	5		12/26/17 10:38	594-20-7	
1,1-Dichloropropene	<2.2	ug/L	5.0	2.2	5		12/26/17 10:38	563-58-6	
cis-1,3-Dichloropropene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	10061-01-5	
trans-1,3-Dichloropropene	<1.1	ug/L	5.0	1.1	5		12/26/17 10:38	10061-02-6	
Diisopropyl ether	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	108-20-3	
Ethylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	100-41-4	
Hexachloro-1,3-butadiene	<10.5	ug/L	25.0	10.5	5		12/26/17 10:38	87-68-3	
Isopropylbenzene (Cumene)	<0.72	ug/L	5.0	0.72	5		12/26/17 10:38	98-82-8	
p-Isopropyltoluene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	99-87-6	
Methylene Chloride	<1.2	ug/L	5.0	1.2	5		12/26/17 10:38	75-09-2	
Methyl-tert-butyl ether	<0.87	ug/L	5.0	0.87	5		12/26/17 10:38	1634-04-4	
Naphthalene	<12.5	ug/L	25.0	12.5	5		12/26/17 10:38	91-20-3	
n-Propylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	103-65-1	
Styrene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	100-42-5	
1,1,1,2-Tetrachloroethane	<0.90	ug/L	5.0	0.90	5		12/26/17 10:38	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-7 **Lab ID: 40162783013** Collected: 12/20/17 11:30 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<1.2	ug/L	5.0	1.2	5		12/26/17 10:38	79-34-5	
Tetrachloroethene	606	ug/L	5.0	2.5	5		12/26/17 10:38	127-18-4	
Toluene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	108-88-3	
1,2,3-Trichlorobenzene	<10.7	ug/L	25.0	10.7	5		12/26/17 10:38	87-61-6	
1,2,4-Trichlorobenzene	<11.0	ug/L	25.0	11.0	5		12/26/17 10:38	120-82-1	
1,1,1-Trichloroethane	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	71-55-6	
1,1,2-Trichloroethane	<0.99	ug/L	5.0	0.99	5		12/26/17 10:38	79-00-5	
Trichloroethene	18.4	ug/L	5.0	1.7	5		12/26/17 10:38	79-01-6	
Trichlorofluoromethane	<0.92	ug/L	5.0	0.92	5		12/26/17 10:38	75-69-4	
1,2,3-Trichloropropane	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	96-18-4	
1,2,4-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	95-63-6	
1,3,5-Trimethylbenzene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	108-67-8	
Vinyl chloride	<0.88	ug/L	5.0	0.88	5		12/26/17 10:38	75-01-4	
m&p-Xylene	<5.0	ug/L	10.0	5.0	5		12/26/17 10:38	179601-23-1	
o-Xylene	<2.5	ug/L	5.0	2.5	5		12/26/17 10:38	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		5		12/26/17 10:38	460-00-4	
Dibromofluoromethane (S)	100	%	67-130		5		12/26/17 10:38	1868-53-7	
Toluene-d8 (S)	101	%	70-130		5		12/26/17 10:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-9A **Lab ID: 40162783014** Collected: 12/20/17 12:10 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 15:23	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 15:23	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 15:23	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 15:23	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 15:23	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 15:23	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 15:23	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 15:23	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 15:23	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 15:23	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 15:23	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 15:23	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 15:23	75-34-3	
1,2-Dichloroethane	0.51J	ug/L	1.0	0.17	1		12/26/17 15:23	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 15:23	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 15:23	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 15:23	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 15:23	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 15:23	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 15:23	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 15:23	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 15:23	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 15:23	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 15:23	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 15:23	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 15:23	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 15:23	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-9A **Lab ID: 40162783014** Collected: 12/20/17 12:10 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 15:23	79-34-5	
Tetrachloroethene	22.7	ug/L	1.0	0.50	1		12/26/17 15:23	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 15:23	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 15:23	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 15:23	79-00-5	
Trichloroethene	0.35J	ug/L	1.0	0.33	1		12/26/17 15:23	79-01-6	
Trichlorofluoromethane	0.44J	ug/L	1.0	0.18	1		12/26/17 15:23	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 15:23	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 15:23	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:23	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		12/26/17 15:23	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		12/26/17 15:23	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		12/26/17 15:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-4 **Lab ID: 40162783015** Collected: 12/20/17 13:30 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 17:12	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 17:12	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 17:12	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 17:12	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 17:12	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	108-90-7	
Chloroethane	3.1	ug/L	1.0	0.37	1		12/26/17 17:12	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 17:12	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 17:12	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 17:12	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 17:12	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 17:12	74-95-3	
1,2-Dichlorobenzene	2.7	ug/L	1.0	0.50	1		12/26/17 17:12	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	541-73-1	
1,4-Dichlorobenzene	0.60J	ug/L	1.0	0.50	1		12/26/17 17:12	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 17:12	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 17:12	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 17:12	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 17:12	75-35-4	
cis-1,2-Dichloroethene	11.5	ug/L	1.0	0.26	1		12/26/17 17:12	156-59-2	
trans-1,2-Dichloroethene	4.1	ug/L	1.0	0.26	1		12/26/17 17:12	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 17:12	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 17:12	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 17:12	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 17:12	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 17:12	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 17:12	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 17:12	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 17:12	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 17:12	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 17:12	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: MW-4 **Lab ID: 40162783015** Collected: 12/20/17 13:30 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 17:12	79-34-5	
Tetrachloroethene	1.0	ug/L	1.0	0.50	1		12/26/17 17:12	127-18-4	
Toluene	1.1	ug/L	1.0	0.50	1		12/26/17 17:12	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 17:12	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 17:12	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 17:12	79-00-5	
Trichloroethene	1.1	ug/L	1.0	0.33	1		12/26/17 17:12	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 17:12	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	108-67-8	
Vinyl chloride	85.1	ug/L	1.0	0.18	1		12/26/17 17:12	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 17:12	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 17:12	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		12/26/17 17:12	460-00-4	
Dibromofluoromethane (S)	106	%	67-130		1		12/26/17 17:12	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/26/17 17:12	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-1 **Lab ID: 40162783016** Collected: 12/20/17 13:50 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 09:54	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 09:54	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 09:54	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 09:54	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 09:54	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 09:54	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 09:54	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 09:54	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 09:54	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 09:54	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 09:54	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 09:54	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 09:54	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 09:54	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 09:54	75-35-4	
cis-1,2-Dichloroethene	4.0	ug/L	1.0	0.26	1		12/26/17 09:54	156-59-2	
trans-1,2-Dichloroethene	0.33J	ug/L	1.0	0.26	1		12/26/17 09:54	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 09:54	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 09:54	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 09:54	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 09:54	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 09:54	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 09:54	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 09:54	75-09-2	
Methyl-tert-butyl ether	3.8	ug/L	1.0	0.17	1		12/26/17 09:54	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 09:54	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 09:54	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-1 **Lab ID: 40162783016** Collected: 12/20/17 13:50 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 09:54	79-34-5	
Tetrachloroethene	3.5	ug/L	1.0	0.50	1		12/26/17 09:54	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 09:54	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 09:54	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 09:54	79-00-5	
Trichloroethene	0.48J	ug/L	1.0	0.33	1		12/26/17 09:54	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 09:54	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	108-67-8	
Vinyl chloride	1.3	ug/L	1.0	0.18	1		12/26/17 09:54	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 09:54	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 09:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	95	%	61-130		1		12/26/17 09:54	460-00-4	
Dibromofluoromethane (S)	99	%	67-130		1		12/26/17 09:54	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/26/17 09:54	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-7 **Lab ID: 40162783017** Collected: 12/20/17 14:10 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 15:44	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 15:44	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 15:44	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 15:44	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 15:44	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 15:44	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 15:44	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 15:44	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 15:44	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 15:44	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 15:44	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 15:44	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 15:44	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 15:44	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 15:44	75-35-4	
cis-1,2-Dichloroethene	11.3	ug/L	1.0	0.26	1		12/26/17 15:44	156-59-2	
trans-1,2-Dichloroethene	0.48J	ug/L	1.0	0.26	1		12/26/17 15:44	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 15:44	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 15:44	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 15:44	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 15:44	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 15:44	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 15:44	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 15:44	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 15:44	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 15:44	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 15:44	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-7 **Lab ID: 40162783017** Collected: 12/20/17 14:10 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 15:44	79-34-5	
Tetrachloroethene	84.2	ug/L	1.0	0.50	1		12/26/17 15:44	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 15:44	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 15:44	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 15:44	79-00-5	
Trichloroethene	15.8	ug/L	1.0	0.33	1		12/26/17 15:44	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 15:44	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	108-67-8	
Vinyl chloride	2.3	ug/L	1.0	0.18	1		12/26/17 15:44	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 15:44	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 15:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		12/26/17 15:44	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		12/26/17 15:44	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/26/17 15:44	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-9 **Lab ID: 40162783018** Collected: 12/20/17 14:40 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 16:06	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 16:06	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 16:06	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 16:06	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 16:06	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 16:06	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 16:06	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 16:06	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 16:06	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 16:06	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 16:06	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 16:06	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 16:06	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 16:06	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 16:06	75-35-4	
cis-1,2-Dichloroethene	0.31J	ug/L	1.0	0.26	1		12/26/17 16:06	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 16:06	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 16:06	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 16:06	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 16:06	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 16:06	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 16:06	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 16:06	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 16:06	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 16:06	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 16:06	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 16:06	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-9 **Lab ID: 40162783018** Collected: 12/20/17 14:40 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 16:06	79-34-5	
Tetrachloroethene	142	ug/L	1.0	0.50	1		12/26/17 16:06	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 16:06	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 16:06	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 16:06	79-00-5	
Trichloroethene	8.2	ug/L	1.0	0.33	1		12/26/17 16:06	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 16:06	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 16:06	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 16:06	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:06	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	61-130		1		12/26/17 16:06	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		12/26/17 16:06	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/26/17 16:06	2037-26-5	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-5 **Lab ID: 40162783019** Collected: 12/20/17 15:00 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 16:28	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 16:28	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 16:28	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 16:28	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 16:28	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 16:28	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 16:28	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 16:28	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 16:28	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 16:28	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 16:28	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 16:28	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 16:28	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 16:28	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 16:28	75-35-4	
cis-1,2-Dichloroethene	7.7	ug/L	1.0	0.26	1		12/26/17 16:28	156-59-2	
trans-1,2-Dichloroethene	0.32J	ug/L	1.0	0.26	1		12/26/17 16:28	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 16:28	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 16:28	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 16:28	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 16:28	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 16:28	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 16:28	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 16:28	75-09-2	
Methyl-tert-butyl ether	1.8	ug/L	1.0	0.17	1		12/26/17 16:28	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 16:28	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 16:28	630-20-6	

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: PZ-5 **Lab ID: 40162783019** Collected: 12/20/17 15:00 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 16:28	79-34-5	
Tetrachloroethene	2.5	ug/L	1.0	0.50	1		12/26/17 16:28	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 16:28	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 16:28	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 16:28	79-00-5	
Trichloroethene	0.83J	ug/L	1.0	0.33	1		12/26/17 16:28	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 16:28	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	108-67-8	
Vinyl chloride	0.63J	ug/L	1.0	0.18	1		12/26/17 16:28	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 16:28	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:28	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		12/26/17 16:28	460-00-4	
Dibromofluoromethane (S)	104	%	67-130		1		12/26/17 16:28	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		12/26/17 16:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: TRIP BLANK **Lab ID: 40162783020** Collected: 12/20/17 00:00 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260									
Benzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	71-43-2	
Bromobenzene	<0.23	ug/L	1.0	0.23	1		12/26/17 16:50	108-86-1	
Bromochloromethane	<0.34	ug/L	1.0	0.34	1		12/26/17 16:50	74-97-5	
Bromodichloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	75-27-4	
Bromoform	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	75-25-2	
Bromomethane	<2.4	ug/L	5.0	2.4	1		12/26/17 16:50	74-83-9	
n-Butylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	104-51-8	
sec-Butylbenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 16:50	135-98-8	
tert-Butylbenzene	<0.18	ug/L	1.0	0.18	1		12/26/17 16:50	98-06-6	
Carbon tetrachloride	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	56-23-5	
Chlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	108-90-7	
Chloroethane	<0.37	ug/L	1.0	0.37	1		12/26/17 16:50	75-00-3	
Chloroform	<2.5	ug/L	5.0	2.5	1		12/26/17 16:50	67-66-3	
Chloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	74-87-3	
2-Chlorotoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	95-49-8	
4-Chlorotoluene	<0.21	ug/L	1.0	0.21	1		12/26/17 16:50	106-43-4	
1,2-Dibromo-3-chloropropane	<2.2	ug/L	5.0	2.2	1		12/26/17 16:50	96-12-8	
Dibromochloromethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	1.0	0.18	1		12/26/17 16:50	106-93-4	
Dibromomethane	<0.43	ug/L	1.0	0.43	1		12/26/17 16:50	74-95-3	
1,2-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	95-50-1	
1,3-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	541-73-1	
1,4-Dichlorobenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	106-46-7	
Dichlorodifluoromethane	<0.22	ug/L	1.0	0.22	1		12/26/17 16:50	75-71-8	
1,1-Dichloroethane	<0.24	ug/L	1.0	0.24	1		12/26/17 16:50	75-34-3	
1,2-Dichloroethane	<0.17	ug/L	1.0	0.17	1		12/26/17 16:50	107-06-2	
1,1-Dichloroethene	<0.41	ug/L	1.0	0.41	1		12/26/17 16:50	75-35-4	
cis-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 16:50	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/L	1.0	0.26	1		12/26/17 16:50	156-60-5	
1,2-Dichloropropane	<0.23	ug/L	1.0	0.23	1		12/26/17 16:50	78-87-5	
1,3-Dichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	142-28-9	
2,2-Dichloropropane	<0.48	ug/L	1.0	0.48	1		12/26/17 16:50	594-20-7	
1,1-Dichloropropene	<0.44	ug/L	1.0	0.44	1		12/26/17 16:50	563-58-6	
cis-1,3-Dichloropropene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/L	1.0	0.23	1		12/26/17 16:50	10061-02-6	
Diisopropyl ether	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	108-20-3	
Ethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	100-41-4	
Hexachloro-1,3-butadiene	<2.1	ug/L	5.0	2.1	1		12/26/17 16:50	87-68-3	
Isopropylbenzene (Cumene)	<0.14	ug/L	1.0	0.14	1		12/26/17 16:50	98-82-8	
p-Isopropyltoluene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	99-87-6	
Methylene Chloride	<0.23	ug/L	1.0	0.23	1		12/26/17 16:50	75-09-2	
Methyl-tert-butyl ether	<0.17	ug/L	1.0	0.17	1		12/26/17 16:50	1634-04-4	
Naphthalene	<2.5	ug/L	5.0	2.5	1		12/26/17 16:50	91-20-3	
n-Propylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	103-65-1	
Styrene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	1.0	0.18	1		12/26/17 16:50	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Sample: TRIP BLANK **Lab ID: 40162783020** Collected: 12/20/17 00:00 Received: 12/21/17 10:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,2,2-Tetrachloroethane	<0.25	ug/L	1.0	0.25	1		12/26/17 16:50	79-34-5	
Tetrachloroethene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	127-18-4	
Toluene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	108-88-3	
1,2,3-Trichlorobenzene	<2.1	ug/L	5.0	2.1	1		12/26/17 16:50	87-61-6	
1,2,4-Trichlorobenzene	<2.2	ug/L	5.0	2.2	1		12/26/17 16:50	120-82-1	
1,1,1-Trichloroethane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	1.0	0.20	1		12/26/17 16:50	79-00-5	
Trichloroethene	<0.33	ug/L	1.0	0.33	1		12/26/17 16:50	79-01-6	
Trichlorofluoromethane	<0.18	ug/L	1.0	0.18	1		12/26/17 16:50	75-69-4	
1,2,3-Trichloropropane	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	96-18-4	
1,2,4-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	95-63-6	
1,3,5-Trimethylbenzene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	108-67-8	
Vinyl chloride	<0.18	ug/L	1.0	0.18	1		12/26/17 16:50	75-01-4	
m&p-Xylene	<1.0	ug/L	2.0	1.0	1		12/26/17 16:50	179601-23-1	
o-Xylene	<0.50	ug/L	1.0	0.50	1		12/26/17 16:50	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	61-130		1		12/26/17 16:50	460-00-4	
Dibromofluoromethane (S)	105	%	67-130		1		12/26/17 16:50	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		12/26/17 16:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

QC Batch: 277845 Analysis Method: EPA 8260
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
 Associated Lab Samples: 40162783001, 40162783002, 40162783003, 40162783004, 40162783005, 40162783006, 40162783007, 40162783008, 40162783009, 40162783010, 40162783011, 40162783012, 40162783013, 40162783014, 40162783015, 40162783016, 40162783017, 40162783018, 40162783019, 40162783020

METHOD BLANK: 1633268 Matrix: Water
 Associated Lab Samples: 40162783001, 40162783002, 40162783003, 40162783004, 40162783005, 40162783006, 40162783007, 40162783008, 40162783009, 40162783010, 40162783011, 40162783012, 40162783013, 40162783014, 40162783015, 40162783016, 40162783017, 40162783018, 40162783019, 40162783020

Parameter	Units	Blank Reporting		Analyzed	Qualifiers
		Result	Limit		
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	12/26/17 08:05	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	12/26/17 08:05	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	12/26/17 08:05	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	12/26/17 08:05	
1,1-Dichloroethane	ug/L	<0.24	1.0	12/26/17 08:05	
1,1-Dichloroethene	ug/L	<0.41	1.0	12/26/17 08:05	
1,1-Dichloropropene	ug/L	<0.44	1.0	12/26/17 08:05	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	12/26/17 08:05	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	12/26/17 08:05	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	12/26/17 08:05	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	12/26/17 08:05	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	12/26/17 08:05	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	12/26/17 08:05	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	12/26/17 08:05	
1,2-Dichloroethane	ug/L	<0.17	1.0	12/26/17 08:05	
1,2-Dichloropropane	ug/L	<0.23	1.0	12/26/17 08:05	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	12/26/17 08:05	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	12/26/17 08:05	
1,3-Dichloropropane	ug/L	<0.50	1.0	12/26/17 08:05	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	12/26/17 08:05	
2,2-Dichloropropane	ug/L	<0.48	1.0	12/26/17 08:05	
2-Chlorotoluene	ug/L	<0.50	1.0	12/26/17 08:05	
4-Chlorotoluene	ug/L	<0.21	1.0	12/26/17 08:05	
Benzene	ug/L	<0.50	1.0	12/26/17 08:05	
Bromobenzene	ug/L	<0.23	1.0	12/26/17 08:05	
Bromochloromethane	ug/L	<0.34	1.0	12/26/17 08:05	
Bromodichloromethane	ug/L	<0.50	1.0	12/26/17 08:05	
Bromoform	ug/L	<0.50	1.0	12/26/17 08:05	
Bromomethane	ug/L	<2.4	5.0	12/26/17 08:05	
Carbon tetrachloride	ug/L	<0.50	1.0	12/26/17 08:05	
Chlorobenzene	ug/L	<0.50	1.0	12/26/17 08:05	
Chloroethane	ug/L	<0.37	1.0	12/26/17 08:05	
Chloroform	ug/L	<2.5	5.0	12/26/17 08:05	
Chloromethane	ug/L	<0.50	1.0	12/26/17 08:05	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	12/26/17 08:05	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	12/26/17 08:05	
Dibromochloromethane	ug/L	<0.50	1.0	12/26/17 08:05	
Dibromomethane	ug/L	<0.43	1.0	12/26/17 08:05	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 25211374.57 NORTHGATE SHOPPING
Pace Project No.: 40162783

METHOD BLANK: 1633268

Matrix: Water

Associated Lab Samples: 40162783001, 40162783002, 40162783003, 40162783004, 40162783005, 40162783006, 40162783007, 40162783008, 40162783009, 40162783010, 40162783011, 40162783012, 40162783013, 40162783014, 40162783015, 40162783016, 40162783017, 40162783018, 40162783019, 40162783020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.22	1.0	12/26/17 08:05	
Diisopropyl ether	ug/L	<0.50	1.0	12/26/17 08:05	
Ethylbenzene	ug/L	<0.50	1.0	12/26/17 08:05	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	12/26/17 08:05	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	12/26/17 08:05	
m&p-Xylene	ug/L	<1.0	2.0	12/26/17 08:05	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	12/26/17 08:05	
Methylene Chloride	ug/L	<0.23	1.0	12/26/17 08:05	
n-Butylbenzene	ug/L	<0.50	1.0	12/26/17 08:05	
n-Propylbenzene	ug/L	<0.50	1.0	12/26/17 08:05	
Naphthalene	ug/L	<2.5	5.0	12/26/17 08:05	
o-Xylene	ug/L	<0.50	1.0	12/26/17 08:05	
p-Isopropyltoluene	ug/L	<0.50	1.0	12/26/17 08:05	
sec-Butylbenzene	ug/L	<2.2	5.0	12/26/17 08:05	
Styrene	ug/L	<0.50	1.0	12/26/17 08:05	
tert-Butylbenzene	ug/L	<0.18	1.0	12/26/17 08:05	
Tetrachloroethane	ug/L	<0.50	1.0	12/26/17 08:05	
Toluene	ug/L	<0.50	1.0	12/26/17 08:05	
trans-1,2-Dichloroethane	ug/L	<0.26	1.0	12/26/17 08:05	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	12/26/17 08:05	
Trichloroethene	ug/L	<0.33	1.0	12/26/17 08:05	
Trichlorofluoromethane	ug/L	<0.18	1.0	12/26/17 08:05	
Vinyl chloride	ug/L	<0.18	1.0	12/26/17 08:05	
4-Bromofluorobenzene (S)	%	96	61-130	12/26/17 08:05	
Dibromofluoromethane (S)	%	94	67-130	12/26/17 08:05	
Toluene-d8 (S)	%	100	70-130	12/26/17 08:05	

LABORATORY CONTROL SAMPLE: 1633269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	46.7	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	42.7	85	70-130	
1,1,2-Trichloroethane	ug/L	50	45.6	91	70-130	
1,1-Dichloroethane	ug/L	50	60.5	121	71-132	
1,1-Dichloroethene	ug/L	50	57.1	114	75-130	
1,2,4-Trichlorobenzene	ug/L	50	46.4	93	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	36.9	74	63-123	
1,2-Dibromoethane (EDB)	ug/L	50	45.7	91	70-130	
1,2-Dichlorobenzene	ug/L	50	47.5	95	70-130	
1,2-Dichloroethane	ug/L	50	46.7	93	70-131	
1,2-Dichloropropane	ug/L	50	46.9	94	80-120	
1,3-Dichlorobenzene	ug/L	50	48.6	97	70-130	

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QUALITY CONTROL DATA

Project: 25211374.57 NORTHGATE SHOPPING
Pace Project No.: 40162783

LABORATORY CONTROL SAMPLE: 1633269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	50	48.8	98	70-130	
Benzene	ug/L	50	48.8	98	73-145	
Bromodichloromethane	ug/L	50	44.0	88	70-130	
Bromoform	ug/L	50	38.9	78	67-130	
Bromomethane	ug/L	50	36.8	74	26-128	
Carbon tetrachloride	ug/L	50	43.6	87	70-133	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	45.9	92	58-120	
Chloroform	ug/L	50	46.4	93	80-121	
Chloromethane	ug/L	50	38.1	76	40-127	
cis-1,2-Dichloroethene	ug/L	50	47.7	95	70-130	
cis-1,3-Dichloropropene	ug/L	50	46.1	92	70-130	
Dibromochloromethane	ug/L	50	42.8	86	70-130	
Dichlorodifluoromethane	ug/L	50	29.7	59	20-135	
Ethylbenzene	ug/L	50	49.6	99	87-129	
Isopropylbenzene (Cumene)	ug/L	50	50.5	101	70-130	
m&p-Xylene	ug/L	100	101	101	70-130	
Methyl-tert-butyl ether	ug/L	50	57.3	115	66-143	
Methylene Chloride	ug/L	50	54.6	109	70-130	
o-Xylene	ug/L	50	49.5	99	70-130	
Styrene	ug/L	50	49.4	99	70-130	
Tetrachloroethene	ug/L	50	47.7	95	70-130	
Toluene	ug/L	50	49.1	98	82-130	
trans-1,2-Dichloroethene	ug/L	50	59.5	119	75-132	
trans-1,3-Dichloropropene	ug/L	50	43.6	87	70-130	
Trichloroethene	ug/L	50	47.5	95	70-130	
Trichlorofluoromethane	ug/L	50	60.0	120	76-133	
Vinyl chloride	ug/L	50	47.3	95	57-136	
4-Bromofluorobenzene (S)	%			100	61-130	
Dibromofluoromethane (S)	%			98	67-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1633783 1633784

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual	
		40162783016	Spike Conc.	Spike Conc.	Result							Result
1,1,1-Trichloroethane	ug/L	<0.50	50	50	51.0	50.9	102	102	70-134	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	46.4	49.8	93	100	70-130	7	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	48.6	51.7	97	103	70-130	6	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	66.0	66.2	132	132	71-133	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	61.9	62.0	124	124	75-136	0	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	50.8	52.0	101	103	70-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	39.4	44.2	79	88	63-123	12	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	48.6	51.3	97	103	70-130	5	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 25211374.57 NORTHGATE SHOPPING

Project No.: 40162783

Parameter	Units	MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1633783		1633784		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		40162783016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
1,2-Dichlorobenzene	ug/L	<0.50	50	50	51.1	51.9	102	104	70-130	2	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	50.6	51.9	101	104	70-131	2	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	49.4	50.1	99	100	80-120	1	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.2	53.3	104	107	70-130	2	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	52.8	53.6	106	107	70-130	2	20	
Benzene	ug/L	<0.50	50	50	52.8	53.0	106	106	73-145	1	20	
Bromodichloromethane	ug/L	<0.50	50	50	46.7	49.0	93	98	70-130	5	20	
Bromoform	ug/L	<0.50	50	50	41.5	44.9	83	90	67-130	8	20	
Bromomethane	ug/L	<2.4	50	50	41.9	43.1	84	86	26-129	3	20	
Carbon tetrachloride	ug/L	<0.50	50	50	47.4	46.6	95	93	70-134	2	20	
Chlorobenzene	ug/L	<0.50	50	50	52.6	53.9	105	108	70-130	2	20	
Chloroethane	ug/L	<0.37	50	50	49.6	49.8	99	100	58-120	0	20	
Chloroform	ug/L	<2.5	50	50	49.6	50.1	99	100	80-121	1	20	
Chloromethane	ug/L	<0.50	50	50	38.6	38.8	77	78	40-128	0	20	
cis-1,2-Dichloroethene	ug/L	4.0	50	50	54.6	55.4	101	103	70-130	2	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	48.5	50.5	97	101	70-130	4	20	
Dibromochloromethane	ug/L	<0.50	50	50	45.2	47.7	90	95	70-130	6	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	29.6	29.5	59	59	20-146	0	20	
Ethylbenzene	ug/L	<0.50	50	50	52.9	53.7	106	107	87-129	2	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	54.3	55.1	109	110	70-130	1	20	
m&p-Xylene	ug/L	<1.0	100	100	108	110	108	110	70-130	2	20	
Methyl-tert-butyl ether	ug/L	3.8	50	50	66.1	70.4	125	133	66-143	6	20	
Methylene Chloride	ug/L	<0.23	50	50	60.1	61.1	120	122	70-130	2	20	
o-Xylene	ug/L	<0.50	50	50	52.3	53.9	105	108	70-130	3	20	
Styrene	ug/L	<0.50	50	50	52.8	54.0	106	108	70-130	2	20	
Tetrachloroethene	ug/L	3.5	50	50	54.4	55.6	102	104	70-130	2	20	
Toluene	ug/L	<0.50	50	50	51.9	52.5	104	105	82-131	1	20	
trans-1,2-Dichloroethene	ug/L	0.33J	50	50	65.0	66.0	129	131	75-135	2	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	46.7	49.3	93	99	70-130	5	20	
Trichloroethene	ug/L	0.48J	50	50	50.3	52.1	100	103	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	64.9	65.5	130	131	76-150	1	20	
Vinyl chloride	ug/L	1.3	50	50	51.5	51.2	100	100	56-143	0	20	
4-Bromofluorobenzene (S)	%						100	98	61-130			
Dibromofluoromethane (S)	%						99	99	67-130			
Toluene-d8 (S)	%						101	101	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

DEFINITIONS

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

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25211374.57 NORTHGATE SHOPPING

Pace Project No.: 40162783

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40162783001	MW-14	EPA 8260	277845		
40162783002	MW-15	EPA 8260	277845		
40162783003	MW-8R	EPA 8260	277845		
40162783004	MW-3	EPA 8260	277845		
40162783005	PZ-3	EPA 8260	277845		
40162783006	MW-2	EPA 8260	277845		
40162783007	PZ-2	EPA 8260	277845		
40162783008	MW-13	EPA 8260	277845		
40162783009	PZ-4	EPA 8260	277845		
40162783010	PZ-11	EPA 8260	277845		
40162783011	MW-11	EPA 8260	277845		
40162783012	MW-11-FD	EPA 8260	277845		
40162783013	MW-7	EPA 8260	277845		
40162783014	PZ-9A	EPA 8260	277845		
40162783015	MW-4	EPA 8260	277845		
40162783016	PZ-1	EPA 8260	277845		
40162783017	PZ-7	EPA 8260	277845		
40162783018	PZ-9	EPA 8260	277845		
40162783019	PZ-5	EPA 8260	277845		
40162783020	TRIP BLANK	EPA 8260	277845		

REPORT OF LABORATORY ANALYSIS

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(Please Print Clearly)



CHAIN OF CUSTODY

A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

UPPER MIDWEST REGION
 MN 612-607-1700 WI 920-469-2436

40162783

Company Name: S&S Engineers		Branch/Location: 35-Madison		Project Contact: Beth Socha		Phone: 608-216-7331		Project Number: 252113741.57		Project Name: Northgate Shopping Center		Project State: WI		Sampled By (Print): Beth Socha		Sampled By (Sign): <i>[Signature]</i>		PO #:		Regulatory Program:		FILTERED? (YES/NO) PRESERVATION (CODE)*		Matrix Codes W = Water DW = Drinking Water C = Charcoal SW = Surface Water WW = Waste Water WP = Wipe SI = Sludge		Matrix Codes A = Air B = Biota C = Charcoal O = Oil S = Soil SI = Sludge		Data Package Options (billable) <input type="checkbox"/> EPA Level III <input type="checkbox"/> EPA Level IV		MS/MSD (billable) <input type="checkbox"/> On your sample <input type="checkbox"/> NOT needed on your sample	
PAGE LAB #	CLIENT FIELD ID	DATE	COLLECTION TIME	MATRIX	ANALYSES REQUESTED	Y/N	Pick Letter	RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	PROFILE #																	
001	MM-14	12/19/13	1150	GW	UAS	X							3-40mlvb																		
002	MM-15		1215			X																									
003	MM-8R		1245			X																									
004	MM-3		1315			X																									
005	PZ-3		1345			X																									
006	MM-2		1415			X																									
007	PZ-2		1445			X																									
008	MM-13	12/21/13	846			X																									
009	PZ-4		930			X																									
010	MM-1		955			X																									
011	PZ-11		1015			X																									
012	MM-11		1030			X																									
013	MM-11-FID		1035			X																									
Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:																															
Relinquished By: <i>[Signature]</i>					Date/Time: 12/21/13 1600					Received By: <i>[Signature]</i>					Date/Time: 12/21/13 1055																
Relinquished By: <i>[Signature]</i>					Date/Time: 12/21/13 1055					Received By: <i>[Signature]</i>					Date/Time: 12/21/13 1055																
Relinquished By: <i>[Signature]</i>					Date/Time: 12/21/13 1055					Received By: <i>[Signature]</i>					Date/Time: 12/21/13 1055																
Relinquished By: <i>[Signature]</i>					Date/Time: 12/21/13 1055					Received By: <i>[Signature]</i>					Date/Time: 12/21/13 1055																
Transmit Prelim Rush Results By (complete what you want): Email #1: Email #2: Telephone: Fax:																															
Samples on HOLD are subject to special pricing and release of liability																															
Receipt Temp = 801 °C Sample Receipt pH OK / Adjusted Cooler/Closed Seal Present / Not Present Intact / Not Intact																															

(Please Print Clearly)



CHAIN OF CUSTODY

A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

UPPER MIDWEST REGION
 MN: 612-607-1700 WI: 920-469-2436

40162783

2/2

Company Name: SOS Environmental
 Branch/Location: 35-Madison
 Project Contact: Bethy Seiler
 Phone: 608-726-7331
 Project Number: 85211324.57
 Project Name: Madison Shopping Center
 Project State: WI
 Sampled By (Print): [Signature]
 Sampled By (Sign): [Signature]
 PO #: _____
 Regulatory Program: _____

Data Package Options: EPA Level III EPA Level IV
 MS/MSD: On your sample (billable) NOT needed on your sample
 Matrix Codes: A=Air, B=Biota, C=Charcoal, O=Oil, S=Soil, SI=Sludge, W=Water, DW=Drinking Water, GW=Ground Water, SW=Surface Water, WP=Wipe
 FILTERED? (YES/NO) _____
 PRESERVATION (CODE) _____

PAGE LAB #	CLIENT FIELD ID	COLLECTION DATE	TIME	MATRIX	Analyses Requested	
					Y/N	Pick Letter
013	P2-2 MW-7	12/17	1:30	SW	X	VOCs
014	P2-9A		12:0		X	
015	MW-4		1:30		X	
016	P2-1		1:30		X	
017	P2-2		14:0		X	
018	P2-9		14:40		X	
019	P2-5		15:00		X	
020	TRIP Blank		-		X	

Quote #: _____
 Mail To Contact: Bethy Seiler
 Mail To Company: SOS Environmental
 Mail To Address: 3530 Dairy Drive, Madison, WI 53718
 Invoice To Contact: [Signature]
 Invoice To Company: _____
 Invoice To Address: _____
 Invoice To Phone: _____
 CLIENT COMMENTS: _____
 LAB COMMENTS (Lab Use Only): 3-40MLV
 Profile #: _____
 PACE Project No.: 40162783
 Receipt Temp = 20.1 °C
 Sample Receipt pH: _____
 Cooler Custody Seal: _____
 Present / Not Present: _____
 Intact / Not Intact: _____



Sample Condition Upon Receipt

Pace Analytical Services, LLC. - Green Bay WI
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: [Handwritten]

Client Name: SCS

WO#: 40162783

Courier: [X] Fed Ex [] UPS [] Client [] Pace Other: []

Tracking #: 810289660358



Custody Seal on Cooler/Box Present: [] yes [X] no Seals intact: [] yes [] no

Custody Seal on Samples Present: [] yes [X] no Seals intact: [] yes [] no

Packing Material: [X] Bubble Wrap [X] Bubble Bags [] None [] Other

Thermometer Used: NA Type of Ice: Wet Blue Dry None [] Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: [] /Corr: ROI Biological Tissue is Frozen: [] yes [] no

Temp Blank Present: [] yes [X] no [] no

Person examining contents:
Date: 12/21/17
Initials: KS

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C.

Comments:

Table with 15 rows of inspection items and checkboxes. Includes items like 'Chain of Custody Present', 'Short Hold Time Analysis', 'Rush Turn Around Time Requested', 'Sufficient Volume', 'Containers Intact', 'Filtered volume received for Dissolved tests', 'Sample Labels match COC', 'All containers needing preservation have been checked', 'Headspace in VOA Vials', 'Trip Blank Present', and 'Trip Blank Custody Seals Present'. Includes handwritten notes like '008 3 vials excessive sediment' and 'KS 12/21/17'.

Client Notification/ Resolution:
Person Contacted: [] Date/Time: []
Comments/ Resolution: []

Project Manager Review: [Handwritten Signature] Date: 12/21/17