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July 20, 2016

Shelly Billingsley, MBA, PE
Director of Public Works
City of Kenosha
625 52nd Street, Room 305
Kenosha, WI 53140

Subject: April 2016 Groundwater Sampling Summary
Former Kenosha Engine Plant, 5555 30th Avenue, Kenosha, Wisconsin

Dear Ms. Billingsley,

AECOM conducted a semi-annual groundwater sampling event on April 14-15, 2016, under Task Order 086-072915 for the City of Kenosha, at the former Kenosha Engine Plant (KEP). Twenty-one perimeter groundwater monitoring wells were sampled. The purpose of this letter is to transmit the results of that sampling event.

Prior to sample collection, groundwater elevation measurements were collected from all the monitoring wells and piezometers site-wide for the evaluation of groundwater flow at the KEP. Depth to groundwater measurements and calculated elevations are provided in Table 1.

Groundwater flow at the KEP generally flows to the east-northeast and east-southeast across the site at both the water table and the clay-till interface, although the water table wells indicate localized flow toward the three operating groundwater recovery systems. These flow directions are consistent with the data provided in the KEP *Site Investigation Report* (AECOM, February 2015) and subsequent groundwater measurement events. Contoured groundwater elevations for April 2016, depicting groundwater flow, are shown in Figure 1 for the water table potentiometric surface and in Figure 2 for the potentiometric surface measured in the piezometers.

Groundwater samples were collected from the selected monitoring wells and piezometers using a low-flow sampling technique with a peristaltic pump and new tubing for each well. Sampling procedures were consistent with those provided in the *KEP Groundwater Monitoring Plan – Revision 1* (AECOM July 22, 2015). Field parameters, including pH, conductivity, oxygen reducing potential, dissolved oxygen, and temperature, were measured during well purging and recorded following stabilization of each parameter. The field parameter measurements are included in Table 2.

Groundwater samples from the 21 perimeter wells were submitted to Pace Analytical Services, Inc. (Pace), in Green Bay, Wisconsin, and analyzed for VOCs (SW846 Method 8260B). The groundwater analytical results were compared to the Wisconsin Administrative Code Ch. NR 140.10, Table 1, Public Heath Groundwater Quality Standards. The groundwater VOC analytical results are included in Table 3. ES exceedances for VOCs are depicted in bold on Table 3 and on the site map in Figure 3. Preventive Action Limit (PAL) exceedances for VOCs are shown in underlined italics. A data validation memo is attached. Laboratory analytical reports are also attached.

Groundwater flow and quality are similar to previous sampling events. VOCs were generally not detected in the perimeter wells except for MW-114, PZ-117 and PZ-118. The concentrations of VOCs in wells

MW-117 and MW-118 were consistent, neither increasing nor decreasing. In well MW-114, trichloroethene (TCE) was detected at a much higher concentration than previously detected. However, the groundwater elevation of MW-114 was also three feet higher than previous measurement event. The TCE and vinyl chloride concentrations in well MW-114 have been graphed over time and compared to the groundwater level and the graph is included in Figure 4. It appears that the detected concentration of TCE in well MW-114 is associated with the rise in the water level, but this is a very localized detection. Vinyl chloride was again detected in PZ-116 and at a concentration similar to the concentration detected in September 2015.

The groundwater impacts seen along the northern boundary of the KEP are likely the result of impacted source soils which will be addressed later this year by the excavation of contaminated soil in the nearby berm.

Please contact me if you have questions.

Yours sincerely,

Lanette Altenbach, P.G., C.P.G.
Senior Hydrogeologist
Lanette.altenbach@aecom.com

Attachments

Tables

Table 1 – Groundwater Measurements and Elevations
Table 2 – Groundwater – Measured Field Parameters
Table 3 – Detected VOCs in Groundwater

Figures

Figure 1 – Water Table Groundwater Contours – September 2014
Figure 2 – Potentiometric Surface – KEP Piezometers – September 2014
Figure 3 – Volatile Organic Compounds Detected in Groundwater above Enforcement Standards
Figure 4 – Monitoring Well MW-114 Analyte Concentrations and Groundwater Elevations over Time

Data Validation Memo
Laboratory Analytical Report

Cc: Dave Volkert, WDNR Project Manager with Attachments
Kyle Rogers, USEPA, Brownfields Project Manager

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

Well Number	MW-23		MW107	
Ground Elevation (ft)	625.58		625.74	
Top of PVC Casing (TOC) Elevation (ft)	625.06		624.59	
Top of Screen Elevation (ft)	621.36		620.19	
Screen Length (ft)	10		10	
TOC to Bottom of Well (ft)[A]	13.7		14.4	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.61	615.45	NM	--
4/6/2012	9.00	616.06	10.10	614.49
6/11/2012	10.83	614.23	9.85	614.74
7/9/2012	NM	--	NM	--
9/22/2014	9.65	615.41	10.74	613.85
12/1/2014	9.95	615.11	8.36	616.23
3/20/2015	9.96	615.10	10.94	613.65
6/23/2015	NM	NM	9.73	614.86
9/21/2015	8.71	616.35	9.77	614.82
4/13/2016	7.79	617.27	9.13	615.46

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured
-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS2 Well Number	MW-48		PZ-48		MW-54		MW-105		MW-206	
Ground Elevation (ft)	624.94		624.94		625.45		623.87		625.52	
Top of PVC Casing (TOC) Elevation (ft)	624.62		624.63		625.22		623.35		627.88	
Top of Screen Elevation (ft)	620.37		603.85		619.52		619.65		620.89	
Screen Length (ft)	10		2.5		10		10		10	
TOC to Bottom of Well (ft)[A]	14.25		23.28		15.7		13.7		16.99	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.25	615.37	12.80	611.83	7.32	617.90	9.82	613.53	NI	--
1/16/2012	8.91	615.71	9.28	615.35	7.25	617.97	8.71	614.64	NI	--
4/6/2012	NM	--	NM	--	NM	--	NM	--	NI	--
6/11/2012	9.06	615.56	8.96	615.67	7.27	617.95	8.87	614.48	NI	--
7/9/2012	NM	--	NM	--	NM	--	NM	--	NI	--
5/8 - 5/20/2014	8.34	616.28	8.05	616.58	6.99	618.23	8.20	615.15	10.80	617.08
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	8.52	616.10	8.40	616.23	7.08	618.14	8.46	614.89	10.99	616.89
12/1/2014	8.60	616.02	8.52	616.11	7.13	618.09	8.58	614.77	11.12	616.76
3/20/2015	8.72	615.90	8.70	615.93	7.06	618.16	8.42	614.93	11.08	616.80
6/23/2015	7.97	616.65	7.84	616.79	6.85	618.37	7.83	615.52	10.46	617.42
9/21/2015	NM	--	NM	--	6.65	618.57	6.92	616.43	9.99	617.89
4/13/2016	NM	--	NM	--	NM	--	7.61	615.74	5.33	622.55

ft = feet
[A] = as measured inside well
* = LNAPL present, elevation not corrected-see LNAPL table for thickness
NI = Not Installed
NM = Not Measured
-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS3 Well Number	MW-102		MW-103		MW-301		PZ-301		MW-302		PZ-302		MW-303*	
Ground Elevation (ft)	624.18		624.15		625.69		625.69		625.89		625.91		625.93	
Top of PVC Casing (TOC) Elevation (ft)	623.66		623.68		625.23		625.44		625.41		625.56		625.59	
Top of Screen Elevation (ft)	621.06		620.98		622.21		608.11		622.22		608.18		622.47	
Screen Length (ft)	10		10		10		2.5		10		2.5		10	
TOC to Bottom of Well (ft)[A]	12.6		12.7		13.02		19.83		13.19		19.88		13.12	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	5.85	617.81	6.15	617.53	8.70	616.53	8.94	616.50	9.18	616.05	9.30	616.26	8.52	617.07
4/13/2012	5.90	617.76	5.83	617.85	9.20	616.03	9.42	616.02	9.38	615.85	9.52	616.04	8.67	616.92
6/11/2012	5.97	617.69	5.89	617.79	9.09	616.14	9.35	616.09	9.38	615.85	9.34	616.22	8.62	616.97
7/9/2012	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
5/07 - 5/20/2014	4.92	618.74	5.10	618.58	7.48	617.75	7.43	618.01	7.45	617.78	6.61	618.95	6.96	618.63
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	5.33	618.33	5.41	618.27	7.94	617.29	8.22	617.22	8.09	617.14	8.14	617.42	7.63	617.96
12/1/2014	5.38	618.28	5.45	618.23	8.03	617.20	8.35	617.09	8.10	617.13	8.30	617.26	7.82	617.77
3/20/2015	5.51	618.15	5.56	618.12	8.23	617.00	8.46	616.98	8.32	616.91	8.47	617.09	7.84	617.75
6/23/2015	5.06	618.60	5.25	618.43	NM	--	NM	--	NM	--	NM	--	NM	--
9/21/2015	4.94	618.72	5.12	618.56	7.21	618.02	7.63	617.81	7.74	617.49	8.07	617.49	7.20	618.39
4/13/2016	4.83	618.83	5.05	618.63	7.05	618.18	7.35	618.09	7.20	618.03	7.71	617.85	7.00	618.59

ft = feet.
[A] = as measured inside well.
*=LNAPL present, well elevation is uncorrected
NI = Not Installed.
NM = Not Measured.
-- no elevation.

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS3 Well Number	MW-304		PZ-304		MW-306		PZ-306		MW-307		PZ-307		MW-309	
Ground Elevation (ft)	625.83		625.79		625.89		625.89		625.74		625.72		625.55	
Top of PVC Casing (TOC) Elevation (ft)	625.49		625.36		625.55		625.56		625.33		625.36		625.16	
Top of Screen Elevation (ft)	622.68		609.23		622.75		607.21		622.04		608.41		622.06	
Screen Length (ft)	10		2.5		10		2.5		10		2.5		10	
TOC to Bottom of Well (ft)[A]	12.81		18.63		12.8		20.85		13.29		19.45		13.1	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.59	615.90	9.50	615.86	8.95	616.60	8.96	616.60	8.99	616.34	8.93	616.43	9.57	615.59
4/13/2012	9.82	615.67	9.69	615.67	9.15	616.40	9.18	616.38	9.05	616.28	9.05	616.31	9.98	615.18
6/11/2012	9.74	615.75	9.65	615.71	9.06	616.49	9.09	616.47	9.01	616.32	9.01	616.35	10.01	615.15
7/9/2012	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
5/07 - 5/20/2014	7.86	617.63	7.72	617.64	7.16	618.39	5.90	619.66	6.67	618.66	7.30	618.06	8.88	616.28
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	7.24	618.12	NM	--
9/22/2014	8.46	617.03	8.09	617.27	7.90	617.65	7.80	617.76	7.71	617.62	7.80	617.56	9.18	615.98
12/1/2014	8.42	617.07	8.42	616.94	7.95	617.60	7.90	617.66	7.80	617.53	7.80	617.56	9.15	616.01
3/20/2015	8.62	616.87	8.55	616.81	8.02	617.53	7.94	617.62	7.91	617.42	7.90	617.46	9.24	615.92
6/23/2015	NM	--	NM	--	7.66	617.89	8.26	617.30	7.54	617.79	7.62	617.74	NM	--
9/21/2015	8.06	617.43	7.95	617.41	7.58	617.97	8.14	617.42	7.41	617.92	7.61	617.75	9.06	616.10
4/13/2016	7.62	617.87	7.53	617.83	7.09	618.46	7.38	618.18	6.86	618.47	7.07	618.29	8.57	616.59

ft = feet.
[A] = as measured inside well.
*=LNAPL present, well elevation is uncorrected
NI = Not Installed.
NM = Not Measured.
-- no elevation.

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS3 Well Number	PZ-309		MW-310		PZ-310		MW-311		PZ-311		MW-312		PZ-312	
Ground Elevation (ft)	625.55		625.96		625.9		625.6		625.60		625.59		625.58	
Top of PVC Casing (TOC) Elevation (ft)	625.16		625.63		625.62		625.31		625.23		625.25		625.07	
Top of Screen Elevation (ft)	608.07		622.48		606.96		622.33		606.95		621.53		604.38	
Screen Length (ft)	2.5		10		2.5		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	19.59		13.15		21.16		12.98		20.78		13.72		23.19	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.56	615.60	8.65	616.98	8.44	617.18	9.08	616.23	8.98	616.25	10.11	615.14	9.93	615.14
4/13/2012	9.91	615.25	8.87	616.76	8.88	616.74	9.11	616.20	9.03	616.20	10.45	614.80	10.25	614.82
6/11/2012	9.99	615.17	8.78	616.85	8.81	616.81	9.15	616.16	9.04	616.19	10.49	614.76	10.30	614.77
7/9/2012	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
5/07 - 5/20/2014	7.48	617.68	6.98	618.65	6.66	618.96	8.41	616.90	8.40	616.83	8.65	616.60	8.48	616.59
6/12/2014	NM	--	NM	--	NM	--	NM	--	8.09	617.14	NM	--	NM	--
9/22/2014	9.18	615.98	7.75	617.88	7.32	618.30	9.01	616.30	7.99	617.24	9.63	615.62	9.06	616.01
12/1/2014	8.85	616.31	7.89	617.74	7.50	618.12	9.00	616.31	8.75	616.48	9.45	615.80	9.07	616.00
3/20/2015	9.27	615.89	7.91	617.72	7.93	617.69	8.96	616.35	8.89	616.34	9.60	615.65	9.41	615.66
6/23/2015	NM	--	NM	--	NM	--	8.75	616.56	9.63	615.60	NM	--	NM	--
9/21/2015	9.11	616.05	7.45	618.18	7.66	617.96	8.67	616.64	9.38	615.85	9.29	615.96	9.62	615.45
4/13/2016	8.81	616.35	7.04	618.59	7.63	617.99	8.33	616.98	8.16	617.07	8.71	616.54	8.85	616.22

ft = feet.
[A] = as measured inside well.
*=LNAPL present, well elevation is uncorrected
NI = Not Installed.
NM = Not Measured.
-- no elevation.

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS3 Well Number	MW-313		PZ-313		MW-314		PZ-314		PZ-315		PZ-316		MW-317	
Ground Elevation (ft)	625.72		625.68		625.91		625.93		`		626		625.87	
Top of PVC Casing (TOC) Elevation (ft)	625.44		625.34		625.67		625.56		628.36		628.72		628	
Top of Screen Elevation (ft)	621.93		605.4		622.47		604.24		605.95		604.21		621.15	
Screen Length (ft)	10		2.5		10		2.5		2.5		2.5		10	
TOC to Bottom of Well (ft)[A]	13.51		22.44		13.2		23.82		24.91		27.01		16.85	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	8.81	616.63	8.73	616.61	9.51	616.16	9.42	616.14	NI	--	NI	--	NI	--
4/13/2012	9.87	615.57	9.79	615.55	9.93	615.74	9.82	615.74	NI	--	NI	--	NI	--
6/11/2012	8.81	616.63	8.78	616.56	9.90	615.77	9.71	615.85	NI	--	NI	--	NI	--
7/9/2012	NM	--	NM	--	NM	--	NM	--	NI	--	NI	--	NI	--
5/07 - 5/20/2014	7.63	617.81	7.34	618.00	7.79	617.88	7.68	617.88	10.62	617.74	10.80	617.92	9.95	618.05
6/12/2014	NM	--	7.16	618.18	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	7.85	617.59	7.80	617.54	8.44	617.23	8.34	617.22	11.05	617.31	11.22	617.50	10.66	617.34
12/1/2014	8.00	617.44	7.90	617.44	8.53	617.14	8.44	617.12	11.24	617.12	11.34	617.38	11.62	616.38
3/20/2015	8.01	617.43	8.00	617.34	8.71	616.96	8.60	616.96	11.24	617.12	11.48	617.24	10.81	617.19
6/23/2015	7.60	617.84	7.44	617.90	NM	--	NM	--	10.53	617.83	10.99	617.73	10.33	617.67
9/21/2015	7.39	618.05	7.51	617.83	8.02	617.65	7.88	617.68	10.40	617.96	10.94	617.78	10.31	617.69
4/13/2016	7.12	618.32	6.97	618.37	7.59	618.08	7.47	618.09	10.36	618.00	10.44	618.28	9.74	618.26

ft = feet.
[A] = as measured inside well.
*=LNAPL present, well elevation is uncorrected
NI = Not Installed.
NM = Not Measured.
-- no elevation.

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS3 Well Number	PZ-317		MW-319		PZ-319		MW-320		PZ-320		MW-350*		PZ-350	
Ground Elevation (ft)	625.86		625.89		625.89		628.86		625.87		625.89		625.91	
Top of PVC Casing (TOC) Elevation (ft)	628.44		628.24		628.31		628.48		628.34		628.38		628.08	
Top of Screen Elevation (ft)	604.7		621.21		606.16		620.8		603.72		620.82		608.87	
Screen Length (ft)	2.5		10		2.5		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	26.24		17.03		24.65		17.68		27.12		17.56		21.71	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/13/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/07 - 5/20/2014	10.42	618.02	10.14	618.10	10.78	617.53	9.55	618.93	9.53	618.81	11.81	616.57	11.81	616.27
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	12.09	616.29	11.60	616.48
9/22/2014	10.98	617.46	10.89	617.35	10.93	617.38	10.61	617.87	10.54	617.80	13.28	615.10	12.26	615.82
12/1/2014	10.98	617.46	10.94	617.30	10.97	617.34	10.72	617.76	10.55	617.79	12.82	615.56	12.07	616.01
3/20/2015	11.22	617.22	11.10	617.14	11.08	617.23	10.80	617.68	10.74	617.60	12.86	615.52	12.20	615.88
6/23/2015	10.64	617.80	10.70	617.54	10.75	617.56	NM	--	NM	--	12.61	615.77	11.82	616.26
9/21/2015	10.66	617.78	10.63	617.61	10.67	617.64	10.30	618.18	10.26	618.08	12.61	615.77	11.91	616.17
4/13/2016	10.18	618.26	10.07	618.17	10.06	618.25	9.77	618.71	9.70	618.64	12.01	616.37	11.39	616.69

ft = feet.
[A] = as measured inside well.
*=LNAPL present, well elevation is uncorrected
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NM = Not Measured.
-- no elevation.

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS3 Well Number	MW-351*		PZ-351		MW-352		PZ-352		MW-353		PZ-353		MW-354		PZ-354	
Ground Elevation (ft)	625.87		625.88		626.08		626.08		626.1		626.11		626.04		626.06	
Top of PVC Casing (TOC) Elevation (ft)	628.23		628.24		628.29		627.81		628.53		628.71		628.04		628.06	
Top of Screen Elevation (ft)	621.15		608.76		621.41		606.1		621.23		607.11		621.56		605.97	
Screen Length (ft)	10		2.5		10		2.5		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	17.08		21.98		16.88		24.21		17.3		24.1		16.48		24.59	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/13/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/07 - 5/20/2014	9.63	618.60	10.78	617.46	10.25	618.04	9.73	618.08	10.20	618.33	10.33	618.38	10.36	617.68	10.32	617.74
6/12/2014	9.66	618.57	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	12.46	615.77	10.70	617.54	10.40	617.89	9.76	618.05	10.22	618.31	10.39	618.32	10.30	617.74	10.30	617.76
12/1/2014	12.44	615.79	10.78	617.46	10.40	617.89	9.89	617.92	10.25	618.28	10.33	618.38	10.38	617.66	10.39	617.67
3/20/2015	12.05	616.18	10.71	617.53	10.46	617.83	9.79	618.02	10.23	618.30	10.43	618.28	10.59	617.45	10.55	617.51
6/23/2015	12.90	615.33	10.45	617.79	NM	--	NM	--	9.95	618.58	10.14	618.57	NM	--	NM	--
9/21/2015	12.36	615.87	10.25	617.99	10.06	618.23	9.70	618.11	9.78	618.75	9.93	618.78	9.91	618.13	9.91	618.15
4/13/2016	12.47	615.76	9.82	618.42	9.61	618.68	9.18	618.63	9.80	618.73	9.97	618.74	9.65	618.39	9.62	618.44

ft = feet.
[A] = as measured inside well.
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Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS4 Well Number	MW-60		MW-62		MW-66*		MW-67*		MW-72		PZ-72		MW-73		MW-74	
Ground Elevation (ft)	623.97		624.08		625.09		625.05		625.29		625.23		624.66		624.09	
Top of PVC Casing (TOC) Elevation (ft)	623.77		623.83		624.8		624.81		624.92		624.82		624.56		623.83	
Top of Screen Elevation (ft)	617.88		615.65		620.3		620.06		618.9		607.52		619.81		618.97	
Screen Length (ft)	10		10		10		10		10		5		10		10	
TOC to Bottom of Well (ft)[A]	15.89		18.18		14.5		14.75		16.02		22.3		14.75		14.86	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.32	614.45	8.12	615.71	7.91	616.89	8.40	616.41	9.58	615.34	9.67	615.15	10.72	613.84	10.08	613.75
4/12/2012	9.30	614.47	8.55	615.28	8.64	616.16	8.65	616.16	10.15	614.77	9.76	615.06	10.15	614.41	10.16	613.67
6/11/2012	9.35	614.42	8.51	615.32	8.74	616.06	8.70	616.11	10.19	614.73	10.14	614.68	10.73	613.83	10.15	613.68
7/9/2012	9.43	614.34	NM	--	8.85	615.95	8.86	615.95	10.23	614.69	NM	--	10.82	613.74	10.26	613.57
4/16/2014	8.02	615.75	NM	--	8.85	615.95	8.86	615.95	8.31	616.61	8.24	616.58	10.82	613.74	9.06	614.77
5/29 - 6/3/2014	8.28	615.49	8.01	615.82	7.97	616.83	8.02	616.79	7.82	617.10	8.72	616.10	8.98	615.58	9.13	614.70
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	8.51	615.26	8.29	615.54	8.50	616.30	8.55	616.26	9.68	615.24	8.89	615.93	9.53	615.03	9.25	614.58
12/1/2014	8.46	615.31	8.20	615.63	8.33	616.47	8.36	616.45	9.35	615.57	8.95	615.87	9.43	615.13	9.25	614.58
3/20/2015	8.50	615.27	8.32	615.51	8.41	616.39	8.35	616.46	9.51	615.41	9.65	615.17	9.52	615.04	9.41	614.42
6/23/2015	8.20	615.57	NM	--	8.18	616.62	8.21	616.60	NM	--	NM	--	9.24	615.32	9.13	614.70
9/21/2015	8.13	615.64	NM	--	8.17	616.63	8.21	616.60	9.38	615.54	9.50	615.32	9.13	615.43	9.08	614.75
4/13/2016	7.95	615.82	7.79	616.04	7.89	616.91	7.91	616.90	8.52	616.40	9.31	615.51	8.94	615.62	9.01	614.82

ft = feet
[A] = as measured inside well
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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS4 Well Number	PZ-74		MW-75		PZ-75		MW-401		PZ-401		MW-402		PZ-402		MW-403	
Ground Elevation (ft)	624.09		624.19		623.97		622.53		622.55		624.12		624.11		624.75	
Top of PVC Casing (TOC) Elevation (ft)	623.72		623.79		623.83		622.21		622.24		623.62		623.81		624.18	
Top of Screen Elevation (ft)	604.32		617.24		604.83		620.45		608.74		620.52		606.55		621.29	
Screen Length (ft)	5		10		5		10		5		10		5		10	
TOC to Bottom of Well (ft)[A]	24.4		16.55		24		11.76		18.5		13.1		22.26		12.89	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.81	613.91	9.89	613.90	9.89	613.94	6.01	616.20	6.45	615.79	7.68	615.94	7.26	616.55	8.48	615.70
4/12/2012	9.85	613.87	9.93	613.86	9.93	613.90	6.28	615.93	6.24	616.00	7.95	615.67	7.75	616.06	8.77	615.41
6/11/2012	10.22	613.50	9.96	613.83	9.94	613.89	6.36	615.85	6.40	615.84	8.02	615.60	9.24	614.57	8.81	615.37
7/9/2012	NM	--	10.00	613.79	10.04	613.79	NM	--	NM	--	NM	--	NM	--	NM	--
4/16/2014	8.99	614.73	9.45	614.34	9.20	614.63	NM	--	NM	--	NM	--	NM	--	NM	--
5/29 - 6/3/2014	9.41	614.31	9.51	614.28	9.42	614.41	5.68	616.53	4.55	617.69	7.26	616.36	7.81	616.00	8.20	615.98
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	9.02	614.70	9.60	614.19	9.22	614.61	6.11	616.10	5.85	616.39	7.66	615.96	7.67	616.14	8.52	615.66
12/1/2014	8.65	615.07	9.55	614.24	9.20	614.63	6.10	616.11	6.09	616.15	7.68	615.94	7.80	616.01	8.43	615.75
3/20/2015	9.20	614.52	9.63	614.16	9.44	614.39	6.06	616.15	6.19	616.05	7.71	615.91	7.90	615.91	8.51	615.67
6/23/2015	9.01	614.71	9.55	614.24	9.36	614.47	NM	--	NM	--	NM	--	NM	--	8.19	615.99
9/21/2015	9.06	614.66	9.47	614.32	9.36	614.47	5.75	616.46	5.85	616.39	7.27	616.35	7.44	616.37	8.21	615.97
4/13/2016	8.93	614.79	9.59	614.20	9.18	614.65	5.41	616.80	5.93	616.31	7.03	616.59	7.15	616.66	7.99	616.19

ft = feet
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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS4 Well Number	MW-404		MW-405*		MW-406		MW-407		MW-408		MW-409		PZ-409		MW-410	
Ground Elevation (ft)	624.69		624.72		624.43		624.72		622.3		623.83		625.24		624.6	
Top of PVC Casing (TOC) Elevation (ft)	624.18		624.42		623.92		624.31		621.84		624.78		624.74		627.17	
Top of Screen Elevation (ft)	621.28		620.07		619.91		620.24		618.87		622.1		608.36		619.21	
Screen Length (ft)	10		10		10		10		10		10		5		10	
TOC to Bottom of Well (ft)[A]	12.9		14.35		14.01		14.07		12.97		12.68		21.38		17.96	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.22	614.96	NM	--	9.85	614.07	10.45	613.86	5.28	616.56	8.42	616.36	8.48	616.26	NI	--
4/12/2012	9.32	614.86	9.86	614.56	9.89	614.03	10.51	613.80	5.78	616.06	8.44	616.34	8.40	616.34	NI	--
6/11/2012	9.39	614.79	10.10	614.32	9.90	614.02	10.55	613.76	5.83	616.01	8.53	616.25	8.51	616.23	NI	--
7/9/2012	9.42	614.76	10.18	614.24	NM	--	NM	--	NM	--	NM	--	NM	--	NI	--
4/16/2014	9.42	614.76	9.50	614.92	9.50	614.42	9.63	614.68	NM	--	NM	--	NM	--	NI	--
5/29 - 6/3/2014	8.98	615.20	10.64	613.78	9.68	614.24	9.71	614.60	5.11	616.73	8.01	616.77	7.99	616.75	10.27	616.90
6/12/2014	NM	--	9.45	614.97	NM	--	NM	--	NM	--	7.75	617.03	NM	--	NM	--
9/22/2014	9.04	615.14	9.69	614.73	9.71	614.21	9.86	614.45	5.53	616.31	8.50	616.28	8.31	616.43	10.71	616.46
12/1/2014	9.00	615.18	9.66	614.76	9.68	614.24	9.88	614.43	5.55	616.29	8.42	616.36	8.38	616.36	10.70	616.47
3/20/2015	9.03	615.15	9.65	614.77	9.72	614.20	10.03	614.28	5.62	616.22	8.46	616.32	8.74	616.00	10.66	616.51
6/23/2015	8.87	615.31	9.49	614.93	9.65	614.27	9.68	614.63	5.23	616.61	NM	--	NM	--	NM	--
9/21/2015	8.91	615.27	9.55	614.87	9.57	614.35	9.70	614.61	5.13	616.71	8.13	616.65	8.57	616.17	10.45	616.72
4/13/2016	8.54	615.64	9.24	615.18	9.45	614.47	9.51	614.80	4.88	616.96	7.80	616.98	7.74	617.00	10.21	616.96

ft = feet
[A] = as measured inside well
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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS4 Well Number	MW-411		PZ-411		PZ-412		MW-413		PZ-413		MW-414		PZ-414		MW-415	
Ground Elevation (ft)	623.34		623.29		624.78		624.93		624.93		624.7		624.69		625.88	
Top of PVC Casing (TOC) Elevation (ft)	625.65		625.83		626.98		627.09		627.23		626.99		627.17		628.24	
Top of Screen Elevation (ft)	618.77		604.1		604.6		619.52		603.92		620.11		603.92		621.1	
Screen Length (ft)	10		2.5		2.5		10		2.5		10		2.5		10	
TOC to Bottom of Well (ft)[A]	16.88		24.23		24.88		17.57		25.81		16.88		25.75		17.14	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/12/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/16/2014	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/29 - 6/3/2014	9.51	616.14	9.64	616.19	10.11	616.87	10.95	616.14	7.11	620.12	11.00	615.99	11.15	616.02	12.65	615.59
6/12/2014	NM	--	9.54	616.29	10.17	616.81	NM	--	10.71	616.52	NM	--	NM	--	NM	--
9/22/2014	9.98	615.67	10.19	615.64	10.59	616.39	11.44	615.65	11.57	615.66	11.28	615.71	11.50	615.67	12.46	615.78
12/1/2014	9.95	615.70	10.10	615.73	10.61	616.37	11.30	615.79	11.42	615.81	11.24	615.75	11.50	615.67	12.89	615.35
3/20/2015	9.94	615.71	10.08	615.75	10.49	616.49	11.36	615.73	11.52	615.71	11.30	615.69	11.56	615.61	12.97	615.27
6/23/2015	9.20	616.45	9.88	615.95	10.24	616.74	11.00	616.09	11.18	616.05	11.01	615.98	11.23	615.94	NM	--
9/21/2015	9.70	615.95	9.84	615.99	10.29	616.69	11.12	615.97	11.27	615.96	11.01	615.98	11.22	615.95	12.75	615.49
4/13/2016	9.32	616.33	9.47	616.36	9.89	617.09	10.61	616.48	10.72	616.51	10.81	616.18	11.02	616.15	12.48	615.76

ft = feet
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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS4 Well Number	MW-416		MW-417		MW-418		PZ-418		MW-419		MW-420	
Ground Elevation (ft)	624.65		624.93		622.67		622.67		624.76		624.71	
Top of PVC Casing (TOC) Elevation (ft)	626.67		627.55		625.04		625.29		627.16		627.12	
Top of Screen Elevation (ft)	619.64		620.92		618.02		601.74		617.27		619.72	
Screen Length (ft)	10		10		10		2.5		10		10	
TOC to Bottom of Well (ft)[A]	17.03		16.63		17.02		26.05		19.89		17.4	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/12/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/16/2014	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/29 - 6/3/2014	11.68	614.99	10.73	616.82	8.20	616.84	8.39	616.90	12.41	614.75	12.27	614.85
6/12/2014	NM	--	NM	--	NM	--	8.36	616.93	NM	--	NM	--
9/22/2014	11.84	614.83	11.15	616.40	9.00	616.04	8.71	616.58	12.62	614.54	12.50	614.62
12/1/2014	11.75	614.92	11.15	616.40	8.75	616.29	9.00	616.29	12.65	614.51	12.45	614.67
3/20/2015	11.80	614.87	11.15	616.40	8.82	616.22	9.05	616.24	12.74	614.42	12.50	614.62
6/23/2015	11.65	615.02	10.99	616.56	8.51	616.53	8.65	616.64	12.39	614.77	12.32	614.80
9/21/2015	11.72	614.95	10.95	616.60	8.41	616.63	8.66	616.63	12.39	614.77	12.32	614.80
4/13/2016	11.34	615.33	10.65	616.90	8.14	616.90	8.32	616.97	12.23	614.93	12.03	615.09

ft = feet
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NM = Not Measured
-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS5 Well Number	MW-2		MW-11CR		MW-53		MW-101		MW-500		PZ-500		MW-501		PZ-501	
Ground Elevation (ft)	624.74		624.64		626.06		624.01		625.66		625.55		625.75		625.73	
Top of PVC Casing (TOC) Elevation (ft)	624.41		624.43		625.49		623.46		625.37		625.21		625.39		625.43	
Top of Screen Elevation (ft)	617.86		622.03		619.85		620.56		622.2		608.75		621.44		604.95	
Screen Length (ft)	10		10		10		10		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	16.55		12.4		15.64		12.9		13.17		18.96		13.95		22.98	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	7.57	616.84	8.10	616.33	8.94	616.55	6.43	617.03	9.10	616.27	9.02	616.19	11.20	614.19	11.27	614.16
4/11/2012	7.94	616.47	9.95	614.48	9.34	616.15	6.75	616.71	9.39	615.98	9.22	615.99	11.26	614.13	11.33	614.10
6/11/2012	7.91	616.50	10.22	614.21	9.31	616.18	6.92	616.54	9.69	615.68	9.50	615.71	11.25	614.14	11.25	614.18
7/9/2012	NM	--	NM	--	NM	--	NM	--	NM	--	NM		NM	--	NM	--
5/19 - 6/3/2014	6.18	618.23	9.52	614.91	7.90	617.59	5.40	618.06	8.82	616.55	8.75	616.46	9.90	615.49	9.88	615.55
9/22/2014	6.80	617.61	9.75	614.68	8.28	617.21	5.96	617.50	9.70	615.67	9.40	615.81	10.11	615.28	10.20	615.23
12/1/2014	6.92	617.49	9.70	614.73	8.43	617.06	6.07	617.39	9.71	615.66	8.35	616.86	10.10	615.29	10.08	615.35
3/20/2015	6.53	617.88	9.96	614.47	8.54	616.95	5.75	617.71	9.82	615.55	9.68	615.53	10.11	615.28	10.19	615.24
6/23/2015	NM	--	NM	--	7.85	617.64	5.44	618.02	8.64	616.73	8.55	616.66	NM	--	NM	--
9/21/2015	5.70	618.71	NM	--	7.68	617.81	5.16	618.30	8.51	616.86	8.31	616.90	11.74	613.65	9.75	615.68
4/13/2016	5.77	618.64	8.99	615.44	7.58	617.91	5.24	618.22	8.16	617.21	8.00	617.21	9.11	616.28	9.14	616.29

ft = feet
[A] = as measured inside well
well elevation is uncorrected
NI = Not Installed
NM = Not Measured
-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS5 Well Number	MW-502		PZ-502		MW-503		PZ-503		MW-504		PZ-504		MW-505		PZ-505	
Ground Elevation (ft)	625.87		625.91		625.88		625.87		625.82		625.83		625.85		625.84	
Top of PVC Casing (TOC) Elevation (ft)	628.2		628.67		628.18		628.15		628.13		627.75		628.14		628.36	
Top of Screen Elevation (ft)	621.08		605.08		621.14		608.33		620.41		605.62		617.6		603.91	
Screen Length (ft)	10		2.5		10		2.5		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	17.12		26.09		17.04		22.32		17.72		24.63		20.54		26.95	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/19 - 6/3/2014	10.35	617.85	10.86	617.81	10.02	618.16	10.20	617.95	9.77	618.36	9.47	618.28	11.35	616.79	11.57	616.79
9/22/2014	10.70	617.50	11.21	617.46	10.88	617.30	10.70	617.45	10.49	617.64	10.19	617.56	11.80	616.34	12.05	616.31
12/1/2014	10.89	617.31	11.35	617.32	10.87	617.31	10.80	617.35	10.69	617.44	10.32	617.43	11.80	616.34	12.01	616.35
3/20/2015	10.97	617.23	11.43	617.24	10.78	617.40	10.83	617.32	10.62	617.51	10.27	617.48	11.72	616.42	11.93	616.43
6/23/2015	10.20	618.00	10.69	617.98	9.93	618.25	9.98	618.17	NM	--	NM	--	11.26	616.88	11.49	616.87
9/21/2015	10.53	617.67	10.07	618.60	9.32	618.86	9.64	618.51	9.18	618.95	9.01	618.74	11.08	617.06	11.31	617.05
4/13/2016	9.85	618.35	10.24	618.43	8.96	619.22	9.18	618.97	7.97	620.16	8.41	619.34	10.30	617.84	10.51	617.85

ft = feet
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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS5 Well Number	MW-506		MW-507		PZ-507		MW-508		PZ-509		MW-510		MW-550		PZ-550	
Ground Elevation (ft)	625.92		625.89		625.88		625.84		625.9		625.56		625.81		625.81	
Top of PVC Casing (TOC) Elevation (ft)	628.6		628.18		628.47		628.47		628.32		628.21		628.22		628.24	
Top of Screen Elevation (ft)	620.74		621.65		608.04		621.2		605.52		621		620.78		607.36	
Screen Length (ft)	10		10		2.5		10		2.5		10		10		2.5	
TOC to Bottom of Well (ft)[A]	17.86		16.53		22.93		17.27		25.3		17.21		17.44		23.38	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/19 - 6/3/2014	13.70	614.90	9.68	618.50	9.72	618.75	10.78	617.69	12.61	615.71	13.18	615.03	9.40	618.82	9.45	618.79
9/22/2014	13.69	614.91	10.01	618.17	10.54	617.93	11.94	616.53	12.92	615.40	13.72	614.49	9.74	618.48	9.89	618.35
12/1/2014	13.65	614.95	9.91	618.27	10.49	617.98	11.64	616.83	12.91	615.41	13.54	614.67	9.76	618.46	10.00	618.24
3/20/2015	13.47	615.13	9.96	618.22	9.48	618.99	12.86	615.61	12.90	615.42	13.78	614.43	9.70	618.52	9.68	618.56
6/23/2015	NM	--	9.60	618.58	9.76	618.71	10.85	617.62	12.34	615.98	NM	--	9.19	619.03	9.27	618.97
9/21/2015	12.94	615.66	9.48	618.70	9.65	618.82	11.06	617.41	12.34	615.98	12.76	615.45	9.10	619.12	9.16	619.08
4/13/2016	12.61	615.99	8.98	619.20	8.85	619.62	9.35	619.12	11.40	616.92	12.09	616.12	8.33	619.89	8.34	619.90

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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS5 Well Number	MW-551		MW-552		MW-553		MW-554		PZ-554		MW-555		PZ-555	
Ground Elevation (ft)	624.77		623.95		625.85		625.88		625.89		625.88		625.89	
Top of PVC Casing (TOC) Elevation (ft)	627.03		626.45		628.45		628.52		628.65		628.14		628.12	
Top of Screen Elevation (ft)	620.01		620.07		621.1		621.14		602.89		621.12		606.81	
Screen Length (ft)	10		10		10		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	17.02		16.38		17.35		17.38		28.26		17.02		23.81	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/19 - 6/3/2014	11.81	615.22	11.37	615.08	13.84	614.61	13.53	614.99	13.52	615.13	11.55	616.59	11.52	616.60
9/22/2014	12.00	615.03	11.58	614.87	14.02	614.43	13.68	614.84	13.71	614.94	11.78	616.36	11.79	616.33
12/1/2014	12.09	614.94	11.64	614.81	14.20	614.25	13.55	614.97	13.65	615.00	11.75	616.39	11.75	616.37
3/20/2015	12.46	614.57	11.84	614.61	14.30	614.15	13.66	614.86	14.76	613.89	11.85	616.29	11.84	616.28
6/23/2015	NM	--	NM	--	13.22	615.23	13.39	615.13	13.50	615.15	11.39	616.75	11.40	616.72
9/21/2015	11.48	615.55	11.26	615.19	13.78	614.67	13.43	615.09	13.46	615.19	11.39	616.75	11.38	616.74
4/13/2016	11.07	615.96	11.00	615.45	13.39	615.06	13.11	615.41	13.20	615.45	10.89	617.25	10.88	617.24

ft = feet
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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS6 Well Number	MW-10R		PZ-10		MW-11		MW-11A		MW-12		MW-29		MW-29A		MW-30	
Ground Elevation (ft)	627.03		627.05		625.57		624.48		623.46		623.54		624.79		623.45	
Top of PVC Casing (TOC) Elevation (ft)	626.58		626.67		625.29		624.16		625.89		626.44		627.34		625.75	
Top of Screen Elevation (ft)	620.25		612.43		622.4		620.02		615.89		615.7		614.92		613.92	
Screen Length (ft)	10		10		10		10		10		10		10		10	
TOC to Bottom of Well (ft)[A]	16.33		24.24		12.89		14.14		20		20.74		22.42		21.83	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	10.20	616.38	10.48	616.19	9.60	615.69	8.10	616.06	12.58	613.31	8.70	617.74	8.70	618.64	10.44	615.31
4/9/2012	9.83	616.75	10.00	616.67	12.51	612.78	8.24	615.92	12.42	613.47	8.45	617.99	10.33	617.01	10.18	615.57
6/11/2012	10.29	616.29	10.72	615.95	12.72	612.57	8.55	615.61	12.88	613.01	9.52	616.92	10.82	616.52	11.11	614.64
7/9/2012	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
4/16/2014	9.98	616.60	10.72	615.95	NM	--	7.38	616.78	11.82	614.07	7.88	618.56	9.96	617.38	9.25	616.50
5/27 - 5/29/2014	9.50	617.08	10.68	615.99	9.03	616.26	6.82	617.34	11.77	614.12	8.19	618.25	10.04	617.30	9.40	616.35
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	10.32	616.26	9.09	617.58	12.20	613.09	7.79	616.37	12.93	612.96	9.32	617.12	10.57	616.77	10.62	615.13
12/1/2014	10.23	616.35	10.19	616.48	10.25	615.04	7.80	616.36	12.90	612.99	9.31	617.13	10.59	616.75	10.65	615.10
3/20/2015	11.16	615.42	11.39	615.28	10.06	615.23	7.86	616.30	12.55	613.34	8.32	618.12	10.40	616.94	10.22	615.53
6/23/2015	8.81	617.77	8.36	618.31	7.69	617.60	6.23	617.93	12.25	613.64	8.35	618.09	10.38	616.96	10.01	615.74
9/21/2015	8.82	617.76	8.95	617.72	7.60	617.69	6.25	617.91	12.34	613.55	8.51	617.93	10.37	616.97	10.19	615.56
4/13/2016	8.60	617.98	8.74	617.93	7.19	618.10	5.34	618.82	10.89	615.00	7.65	618.79	9.76	617.58	8.23	617.52

ft = feet
[A] = as measured inside well
*=LNAPL, elevation uncorrected
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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS6 Well Number	MW-31		MW-34R		MW-36A		MW-37		MW-38		MW-40		MW-41		MW-113	
Ground Elevation (ft)	624.45		626.35		626.91		625.89		628.20		627.11		627.39		623.17	
Top of PVC Casing (TOC) Elevation (ft)	627.42		626.11		626.69		625.72		627.93		626.91		627.15		622.81	
Top of Screen Elevation (ft)	615.72		618.42		620.89		623.27		621.74		622.19		622.94		619.3	
Screen Length (ft)	10		10		10		10		10		10		10		10	
TOC to Bottom of Well (ft)[A]	21.7		17.69		15.8		12.45		16.19		14.72		14.21		13.51	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	12.75	614.67	10.09	616.02	10.90	615.79	8.30	617.42	10.61	617.32	9.42	617.49	9.79	617.36	NM	--
4/9/2012	12.52	614.90	10.27	615.84	11.64	615.05	7.78	617.94	9.71	618.22	8.37	618.54	8.24	618.91	10.51	612.30
6/11/2012	13.11	614.31	10.80	615.31	12.32	614.37	8.85	616.87	10.80	617.13	9.61	617.30	9.94	617.21	10.92	611.89
7/9/2012	NM	--	10.97	615.14	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
4/16/2014	10.91	616.51	10.41	615.70	12.01	614.68	8.15	617.57	8.46	619.47	8.41	618.50	7.85	619.30	NM	--
5/27 - 5/29/2014	11.41	616.01	9.81	616.30	10.95	615.74	7.22	618.50	7.09	620.84	6.49	620.42	7.12	620.03	9.60	613.21
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	13.17	614.25	10.95	615.16	12.13	614.56	9.03	616.69	8.55	619.38	8.19	618.72	7.73	619.42	10.78	612.03
12/1/2014	13.13	614.29	10.95	615.16	12.18	614.51	9.13	616.59	9.22	618.71	8.52	618.39	8.41	618.74	10.61	612.20
3/20/2015	12.49	614.93	11.12	614.99	12.68	614.01	9.66	616.06	9.51	618.42	9.14	617.77	8.85	618.30	10.50	612.31
6/23/2015	12.18	615.24	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/21/2015	12.24	615.18	9.74	616.37	10.83	615.86	7.30	618.42	7.03	620.90	6.55	620.36	6.89	620.26	9.93	612.88
4/13/2016	9.89	617.53	9.41	616.70	10.47	616.22	6.73	618.99	6.87	621.06	6.43	620.48	6.66	620.49	8.95	613.86

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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS6 Well Number	MW-114		MW-115		PZ-118		MW-601		PZ-601		MW-602*		PZ-602		MW-603	
Ground Elevation (ft)	622.82		623.71		622.33		629.56		629.49		623.95		623.97		627.33	
Top of PVC Casing (TOC) Elevation (ft)	622.28		623.39		622.05		631.88		631.97		623.55		623.5		626.85	
Top of Screen Elevation (ft)	618.85		619.23		602.71		622.38		608.67		618		604.36		619.99	
Screen Length (ft)	10		10		2.5		10		5		10		5		10	
TOC to Bottom of Well (ft)[A]	13.43		14.16		21.84		19.5		28.3		15.55		24.14		16.86	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	8.57	613.71	5.51	617.88	NI		16.50	615.38	16.75	615.22	10.60	612.95	10.20	613.30	13.17	613.68
4/9/2012	8.45	613.83	5.80	617.59	NI		16.05	615.83	16.32	615.65	10.50	613.05	9.88	613.62	10.72	616.13
6/11/2012	8.86	613.42	6.98	616.41	NI		16.80	615.08	17.02	614.95	10.91	612.64	10.20	613.30	12.89	613.96
7/9/2012	NM	--	NM	--	NI		NM	--	NM	--	10.32	613.23	10.86	612.64	12.09	614.76
4/16/2014	NM	--	NM	--	NI		15.25	616.63	15.46	616.51	10.88	612.67	10.02	613.48	12.08	614.77
5/27 - 5/29/2014	6.41	615.87	5.21	618.18	6.30	615.75	15.11	616.77	15.30	616.67	10.72	612.83	9.31	614.19	10.21	616.64
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	10.28	613.27	NM	--	NM	--
9/22/2014	8.54	613.74	6.98	616.41	8.21	613.84	17.03	614.85	17.20	614.77	11.58	611.97	10.26	613.24	13.63	613.22
12/1/2014	8.44	613.84	6.84	616.55	8.29	613.76	17.11	614.77	17.30	614.67	11.82	611.73	10.42	613.08	13.70	613.15
3/20/2015	8.53	613.75	5.78	617.61	7.82	614.23	16.35	615.53	16.56	615.41	11.29	612.26	10.01	613.49	14.10	612.75
6/23/2015	8.36	613.92	5.82	617.57	6.96	615.09	15.91	615.97	16.18	615.79	10.98	612.57	9.68	613.82	9.60	617.25
9/21/2015	8.40	613.88	5.90	617.49	7.24	614.81	16.34	615.54	16.56	615.41	11.25	612.30	9.83	613.67	9.56	617.29
4/13/2016	5.45	616.83	4.98	618.41	5.44	616.61	13.98	617.90	14.22	617.75	9.94	613.61	8.64	614.86	9.09	617.76

ft = feet
[A] = as measured inside well
*=LNAPL, elevation uncorrected
NI = Not Installed
NM = Not Measured
-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS6 Well Number	MW-604		MW-605		MW-606		MW-607		MW-609		PZ-609		MW-610		PZ-610	
Ground Elevation (ft)	626.68		627.05		627.14		627.18		629.39		629.21		629.38		629.46	
Top of PVC Casing (TOC) Elevation (ft)	626.39		626.78		626.67		flattened - no elev.		631.39		631.46		631.48		631.55	
Top of Screen Elevation (ft)	618.94		619.31		619.49		--		624.02		607.01		620.87		605.84	
Screen Length (ft)	10		10		10		10		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	17.45		17.47		17.18		16.87		17.37		26.95		20.61		28.21	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.30	617.09	9.96	616.82	11.81	614.86	NI	--	NI	--	NI	--	NI	--	NI	--
4/9/2012	8.38	618.01	9.95	616.83	11.48	615.19	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	9.38	617.01	9.87	616.91	12.00	614.67	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	9.68	616.71	NM	--	NM	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/16/2014	8.41	617.98	10.06	616.72	11.73	614.94	NI	--	NI	--	NI	--	NI	--	NI	--
5/27 - 5/29/2014	7.80	618.59	10.98	615.80	10.84	615.83	8.53	--	12.91	618.48	12.76	618.70	15.11	616.37	15.15	616.40
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	9.39	617.00	9.92	616.86	13.72	612.95	7.96	--	13.58	617.81	13.47	617.99	15.91	615.57	15.98	615.57
12/1/2014	9.31	617.08	9.95	616.83	11.84	614.83	8.38	--	13.80	617.59	13.70	617.76	16.00	615.48	16.01	615.54
3/20/2015	10.61	615.78	10.60	616.18	12.63	614.04	9.70	--	13.21	618.18	13.16	618.30	15.51	615.97	15.55	616.00
6/23/2015	7.51	618.88	9.75	617.03	10.42	616.25	6.54	--	13.10	618.29	12.99	618.47	15.31	616.17	15.35	616.20
9/21/2015	7.29	619.10	9.74	617.04	10.39	616.28	6.17	--	12.95	618.44	12.81	618.65	15.51	615.97	15.57	615.98
4/13/2016	7.01	619.38	9.73	617.05	9.97	616.70	5.98	--	12.21	619.18	12.22	619.24	13.94	617.54	13.90	617.65

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Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS6 Well Number	MW-650		MW-651		MW-652		MW-653		MW-654		MW-655		MW-656	
Ground Elevation (ft)	627.44		623.48		625.61		627.33		624.53		628.23		624.54	
Top of PVC Casing (TOC) Elevation (ft)	629.55		626.09		627.78		629.71		625.97		630.62		626.92	
Top of Screen Elevation (ft)	619.19		618.58		615.94		622.06		620.19		623.88		620.15	
Screen Length (ft)	10		10		10		10		10		10		10	
TOC to Bottom of Well (ft)[A]	20.36		17.51		21.84		17.65		15.78		16.74		16.77	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/16/2014	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/27 - 5/29/2014	13.06	616.49	13.60	612.49	12.66	615.12	10.04	619.67	10.86	615.11	11.14	619.48	9.40	617.52
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	14.84	614.71	14.01	612.08	14.04	613.74	14.62	615.09	12.02	613.95	11.99	618.63	10.58	616.34
12/1/2014	14.99	614.56	14.08	612.01	14.26	613.52	14.30	615.41	12.38	613.59	12.75	617.87	11.04	615.88
3/20/2015	14.16	615.39	13.98	612.11	13.42	614.36	11.47	618.24	11.75	614.22	13.29	617.33	10.93	615.99
6/23/2015	13.75	615.80	13.63	612.46	13.40	614.38	12.39	617.32	11.30	614.67	11.04	619.58	9.60	617.32
9/21/2015	14.34	615.21	13.82	612.27	13.91	613.87	13.40	616.31	11.64	614.33	11.38	619.24	9.86	617.06
4/13/2016	11.79	617.76	12.78	613.31	11.77	616.01	9.20	620.51	9.98	615.99	10.44	620.18	9.12	617.80

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Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS7 Well Number	MW-11B		MW-26		PZ-26		OW-6AR		MW-27		MW-27A		P-27		MW-27B	
Ground Elevation (ft)	623.77		624.12		623.98		623.68		624.09		622.14		622.28		623.21	
Top of PVC Casing (TOC) Elevation (ft)	623.50		623.89		623.33		623.28		625.5		624.94		624.77		624.97	
Top of Screen Elevation (ft)	619.35		619.19		613.75		616.50		618.79		616.96		600.07		617.87	
Screen Length (ft)	10		10		10		10		10		10		5		10	
TOC to Bottom of Well (ft)[A]	14.15		14.7		19.58		16.78		16.71		17.98		29.7		17.1	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	7.15	616.35	9.90	613.99	9.34	613.99	11.30	611.98	12.46	613.04	10.45	614.49	11.17	613.60	12.35	612.62
4/6/2012	7.20	616.30	9.38	614.51	8.90	614.43	10.90	612.38	12.22	613.28	10.85	614.09	11.20	613.57	11.39	613.58
6/11/2012	9.71	613.79	9.71	614.18	9.28	614.05	11.26	612.02	12.97	612.53	11.67	613.27	11.87	612.90	11.61	613.36
4/16/2014	8.66	614.84	9.19	614.70	8.35	614.98	8.49	614.79	9.32	616.18	8.97	615.97	9.11	615.66	9.30	615.67
5/20 - 5/22/2014	6.42	617.08	8.60	615.29	7.92	615.41	8.62	614.66	10.00	615.50	9.65	615.29	9.65	615.12	9.53	615.44
9/22/2014	6.95	616.55	8.89	615.00	8.16	615.17	8.77	614.51	10.95	614.55	11.14	613.80	10.80	613.97	9.81	615.16
12/1/2014	6.80	616.70	9.00	614.89	8.30	615.03	8.83	614.45	10.89	614.61	10.91	614.03	10.89	613.88	9.69	615.28
3/20/2015	7.23	616.27	NM	--	8.67	614.66	9.52	613.76	10.85	614.65	10.41	614.53	10.30	614.47	10.61	614.36
6/23/2015	9.13	614.37	7.70	616.19	8.21	615.12	8.69	614.59	10.24	615.26	10.30	614.64	NM	--	9.23	615.74
9/21/2015	6.10	617.40	8.45	615.44	16.20	607.13	8.60	614.68	9.83	615.67	10.62	614.32	NM	--	9.23	615.74
4/13/2016	5.83	617.67	7.88	616.01	7.35	615.98	11.04	612.24	10.13	615.37	8.92	616.02	9.52	615.25	10.03	614.94

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Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS7 Well Number	MW-27C		MW-27D		MW-27E		MW-111		MW-112		MW-117		PZ-117		MW-700		PZ-700	
Ground Elevation (ft)	626.97		625.48		626.48		621.41		621.61		621.89		621.95		623.08		623.15	
Top of PVC Casing (TOC) Elevation (ft)	630.22		628.93		630.38		621.04		621.18		621.59		621.51		622.58		622.65	
Top of Screen Elevation (ft)	617.91		616.54		617.18		618.44		617		616.67		600.92		620.17		602.11	
Screen Length (ft)	10		10		10		10		10		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	22.31		22.39		23.2		12.6		14.18		14.92		23.09		12.41		23.04	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	13.06	617.16	15.20	613.73	17.10	613.28	NM	--	5.15	616.03	NI	--	NI	--	9.71	612.87	NM	--
4/6/2012	14.31	615.91	14.79	614.14	16.52	613.86	7.41	613.63	5.10	616.08	NI	--	NI	--	9.03	613.55	9.60	613.05
6/11/2012	15.52	614.70	15.58	613.35	17.13	613.25	8.01	613.03	6.15	615.03	NI	--	NI	--	9.46	613.12	9.91	612.74
4/16/2014	12.15	618.07	12.41	616.52	14.62	615.76	NM	--	NM	--	NI	--	NI	--	7.80	614.78	7.22	615.43
5/20 - 5/22/2014	12.22	618.00	12.90	616.03	15.02	615.36	6.71	614.33	4.36	616.82	7.22	614.37	6.49	615.02	8.09	614.49	6.55	616.10
9/22/2014	14.50	615.72	14.52	614.41	16.19	614.19	7.56	613.48	5.41	615.77	8.44	613.15	8.11	613.40	8.10	614.48	8.25	614.40
12/1/2014	14.44	615.78	14.32	614.61	16.08	614.30	7.31	613.73	4.91	616.27	8.18	613.41	8.10	613.41	8.15	614.43	8.27	614.38
3/20/2015	13.98	616.24	13.90	615.03	15.94	614.44	7.24	613.80	4.41	616.77	7.85	613.74	7.65	613.86	8.52	614.06	8.28	614.37
6/23/2015	13.30	616.92	13.49	615.44	15.43	614.95	6.88	614.16	4.42	616.76	7.82	613.77	7.59	613.92	7.95	614.63	7.73	614.92
9/21/2015	11.81	618.41	13.44	615.49	15.65	614.73	7.04	614.00	4.18	617.00	7.80	613.79	7.95	613.56	7.96	614.62	7.75	614.90
4/13/2016	11.14	619.08	12.35	616.58	14.49	615.89	6.26	614.78	3.72	617.46	7.10	614.49	6.33	615.18	8.32	614.26	8.53	614.12

ft = feet
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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS7 Well Number	MW-701		PZ-701		MW-702		MW-703		MW-704		PZ-704		MW-705		PZ-705	
Ground Elevation (ft)	624.2		624.15		624.23		623.87		624.67		624.65		622.15		622.11	
Top of PVC Casing (TOC) Elevation (ft)	626.43		626.71		626.95		626.18		627.28		627.14		624.17		624.48	
Top of Screen Elevation (ft)	619.14		606.32		614.95		618.63		619.52		606.78		617.58		599.03	
Screen Length (ft)	10		2.5		10		10		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	17.29		22.89		22		17.55		17.76		22.86		16.59		27.95	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/6/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/16/2014	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/20 - 5/22/2014	9.19	617.24	8.53	618.18	6.50	620.45	10.50	615.68	12.19	615.09	12.01	615.13	9.30	614.87	12.07	612.41
9/22/2014	9.16	617.27	10.03	616.68	9.08	617.87	10.92	615.26	12.41	614.87	12.30	614.84	10.50	613.67	10.82	613.66
12/1/2014	9.17	617.26	10.03	616.68	9.25	617.70	10.96	615.22	12.51	614.77	12.38	614.76	10.39	613.78	11.10	613.38
3/20/2015	9.20	617.23	10.35	616.36	8.42	618.53	11.64	614.54	12.77	614.51	12.62	614.52	10.10	614.07	11.29	613.19
6/23/2015	9.12	617.31	9.16	617.55	8.57	618.38	10.29	615.89	NM	--	NM	--	9.77	614.40	9.98	614.50
9/21/2015	9.10	617.33	8.96	617.75	9.00	617.95	10.50	615.68	12.02	615.26	11.87	615.27	10.15	614.02	10.35	614.13
4/13/2016	9.06	617.37	8.70	618.01	6.40	620.55	10.44	615.74	11.63	615.65	11.46	615.68	8.92	615.25	9.75	614.73

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured
-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS8 Well Number	MW-61		PZ-61		MW-69		PZ-69		MW-70		MW-71		MW-110		MW-116	
Ground Elevation (ft)	624.08		624.08		623.67		623.64		623.49		623.57		622.88		623.29	
Top of PVC Casing (TOC) Elevation (ft)	623.78		623.87		623.36		623.33		623.17		623.35		622.42		622.73	
Top of Screen Elevation (ft)	616.48		603.57		616.26		607.33		616.19		616.25		618.42		619.69	
Screen Length (ft)	10		2.5		10		10		10		10		10		10	
TOC to Bottom of Well (ft)[A]	17.3		22.8		17.1		26		16.98		17.1		14		13.04	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.60	614.18	9.77	614.10	8.45	614.91	8.50	614.83	8.25	614.92	8.49	614.86	NM	--	7.20	615.53
4/11/2012	9.60	614.18	9.78	614.09	8.29	615.07	8.20	615.13	7.92	615.25	8.26	615.09	7.01	615.41	8.35	614.38
6/11/2012	9.69	614.09	9.84	614.03	8.49	614.87	8.41	614.92	8.22	614.95	8.62	614.73	7.67	614.75	9.04	613.69
7/9/2012	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
5/21 - 5/27/2014	9.01	614.77	9.12	614.75	7.12	616.24	7.26	616.07	6.54	616.63	7.02	616.33	5.69	616.73	6.61	616.12
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	9.19	614.59	9.33	614.54	7.72	615.64	7.54	615.79	7.48	615.69	7.95	615.40	7.20	615.22	8.27	614.46
12/1/2014	9.20	614.58	9.24	614.63	7.73	615.63	7.79	615.54	7.64	615.53	8.06	615.29	7.18	615.24	7.94	614.79
3/20/2015	9.23	614.55	9.43	614.44	8.03	615.33	8.01	615.32	7.95	615.22	8.02	615.33	5.48	616.94	6.75	615.98
6/23/2015	8.91	614.87	9.17	614.70	NM	--	NM	--	NM	--	7.19	616.16	6.14	616.28	7.16	615.57
9/21/2015	8.91	614.87	9.06	614.81	7.06	616.30	7.33	616.00	NM	--	NM	--	6.67	615.75	7.05	615.68
4/13/2016	8.62	615.16	8.86	615.01	NM	--	NM	--	NM	--	NM	--	4.93	617.49	4.99	617.74

ft = feet
[A] = as measured inside well
*=LNAPL, elevation uncorrected
NI = Not Installed
NM = Not Measured
-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS8 Well Number	PZ-116		MW-800		MW-801		PZ-801		MW-802		MW-803*		MW-804*		PZ-804	
Ground Elevation (ft)	623.27		624.43		624.18		624.19		624.26		624.21		624.37		624.32	
Top of PVC Casing (TOC) Elevation (ft)	622.87		623.95		623.64		623.76		623.95		623.85		623.95		623.96	
Top of Screen Elevation (ft)	596.45		620.62		620.62		601.56		621.05		613.62		620.76		603.28	
Screen Length (ft)	2.5		10		10		2.5		10		2.5		10		2.5	
TOC to Bottom of Well (ft)[A]	28.92		13.33		13.02		24.7		12.9		12.73		13.19		23.18	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	8.38	614.49	9.74	614.21	9.89	613.75	10.30	613.46	9.49	614.46	8.89	614.96	9.09	614.86	9.16	614.80
4/11/2012	8.57	614.30	9.25	614.70	8.96	614.68	8.94	614.82	9.01	614.94	9.85	614.00	9.08	614.87	9.12	614.84
6/11/2012	8.94	613.93	9.41	614.54	9.12	614.52	9.34	614.42	9.24	614.71	8.99	614.86	9.20	614.75	9.50	614.46
7/9/2012	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
5/21 - 5/27/2014	7.15	615.72	8.39	615.56	7.96	615.68	8.22	615.54	8.30	615.65	7.60	616.25	7.96	615.99	7.92	616.04
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	7.47	616.38	7.06	616.89	NM	--
9/22/2014	8.13	614.74	8.78	615.17	8.45	615.19	8.54	615.22	8.53	615.42	8.32	615.53	8.56	615.39	8.30	615.66
12/1/2014	8.11	614.76	8.79	615.16	8.42	615.22	8.62	615.14	8.48	615.47	8.30	615.55	8.51	615.44	8.73	615.23
3/20/2015	7.72	615.15	8.92	615.03	8.64	615.00	8.80	614.96	8.83	615.12	8.57	615.28	8.76	615.19	8.71	615.25
6/23/2015	7.45	615.42	NM	--	NM	--	NM	--	NM	--	7.66	616.19	7.91	616.04	7.90	616.06
9/21/2015	7.91	614.96	8.33	615.62	7.91	615.73	8.41	615.35	8.10	615.85	7.73	616.12	8.03	615.92	8.22	615.74
4/13/2016	6.32	616.55	7.90	616.05	7.43	616.21	7.67	616.09	NM	--	7.34	616.51	7.53	616.42	7.42	616.54

ft = feet
[A] = as measured inside well
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Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS8 Well Number	MW-805		MW-806		PZ-806		MW-807		MW-808		MW-809		MW-810		MW-850	
Ground Elevation (ft)	623.47		624.05		624.05		623.91		623.49		623.6		624.01		623.93	
Top of PVC Casing (TOC) Elevation (ft)	625.56		626.50		626.39		626.23		625.78		625.56		626.52		626.06	
Top of Screen Elevation (ft)	619.25		618.76		602.98		618.28		617.92		618.06		621.08		618.46	
Screen Length (ft)	10		10		2.5		10		10		10		10		10	
TOC to Bottom of Well (ft)[A]	16.31		17.74		25.91		17.95		17.86		17.5		15.44		17.6	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/21 - 5/27/2014	9.07	616.49	10.60	615.90	10.52	615.87	10.82	615.41	8.67	617.11	9.16	616.40	7.69	618.83	10.00	616.06
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	9.80	615.76	11.10	615.40	11.00	615.39	10.85	615.38	10.26	615.52	9.93	615.63	8.09	618.43	10.62	615.44
12/1/2014	9.84	615.72	11.14	615.36	11.06	615.33	11.00	615.23	10.30	615.48	9.99	615.57	7.80	618.72	10.52	615.54
3/20/2015	10.23	615.33	11.29	615.21	11.15	615.24	11.30	614.93	10.50	615.28	10.21	615.35	10.95	615.57	10.81	615.25
6/23/2015	8.94	616.62	10.48	616.02	10.40	615.99	10.48	615.75	NM	--	NM	--	NM	--	NM	--
9/21/2015	8.98	616.58	DAMAGED		10.45	615.94	10.06	616.17	9.71	616.07	9.24	616.32	7.33	619.19	10.12	615.94
4/13/2016	8.50	617.06	DAMAGED		9.84	616.55	10.10	616.13	9.19	616.59	8.52	617.04	6.76	619.76	9.95	616.11

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Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS9 Well Number	MW-68		PZ-68		MW-109		MW-901		MW-902		MW-904		PZ-904		MW-905	
Ground Elevation (ft)	624.08		624.16		625.19		624.72		624.71		621.79		621.71		623.7	
Top of PVC Casing (TOC) Elevation (ft)	623.78		623.73		624.62		624.23		624.29		621.32		621.33		623.32	
Top of Screen Elevation (ft)	616.93		600.05		618.37		621.34		621.42		618.03		607.04		620.55	
Screen Length (ft)	10		2.5		10		10		10		10		10		10	
TOC to Bottom of Well (ft)[A]	16.85		26.18		16.25		12.89		12.87		13.29		24.29		12.77	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	11.45	612.33	12.23	611.50	14.03	610.59	NM	--	10.13	614.16	8.20	613.12	8.20	613.13	9.80	613.52
4/6/2012	10.96	612.82	10.80	612.93	13.87	610.75	9.10	615.13	10.18	614.11	8.11	613.21	7.83	613.50	9.90	613.42
6/11/2012	11.10	612.68	12.32	611.41	14.06	610.56	9.26	614.97	10.34	613.95	8.24	613.08	7.95	613.38	10.00	613.32
7/9/2012	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
6/3 - 6/5/2014	10.49	613.29	6.78	616.95	13.71	610.91	8.89	615.34	7.49	616.80	5.97	615.35	6.10	615.23	8.80	614.52
9/22/2014	10.75	613.03	11.90	611.83	13.88	610.74	8.35	615.88	9.92	614.37	6.89	614.43	6.92	614.41	9.79	613.53
12/1/2014	11.05	612.73	10.48	613.25	13.86	610.76	8.20	616.03	9.86	614.43	7.41	613.91	7.32	614.01	9.93	613.39
3/20/2015	11.09	612.69	11.10	612.63	13.96	610.66	8.64	615.59	10.10	614.19	7.18	614.14	7.15	614.18	9.74	613.58
6/23/2015	10.55	613.23	10.50	613.23	13.73	610.89	NM	--	8.60	615.69	6.57	614.75	6.56	614.77	NM	--
9/21/2015	10.52	613.26	10.50	613.23	13.73	610.89	7.73	616.50	9.61	614.68	6.00	615.32	6.03	615.30	8.75	614.57
4/13/2016	10.34	613.44	10.28	613.45	13.61	611.01	6.26	617.97	7.91	616.38	6.42	614.90	6.38	614.95	9.08	614.24

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Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
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CS9 Well Number	PZ-905		MW-906		PZ-906		MW-907		PZ-907		MW-908		PZ-908		MW-909	
Ground Elevation (ft)	623.73		625.88		625.82		625.79		625.80		625.83		625.83		625.78	
Top of PVC Casing (TOC) Elevation (ft)	623.17		628.2		628.23		628.27		628.29		627.87		628.31		628.01	
Top of Screen Elevation (ft)	599.78		620.8		603.6		620.65		608.02		620.85		605.07		620.88	
Screen Length (ft)	2.5		10		2.5		10		2.5		10		2.5		10	
TOC to Bottom of Well (ft)[A]	25.89		17.4		27.13		17.62		22.77		17.02		25.74		17.13	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	9.77	613.40	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/6/2012	9.79	613.38	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/11/2012	9.98	613.19	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
7/9/2012	NM	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
6/3 - 6/5/2014	8.58	614.59	11.80	616.40	11.89	616.34	11.61	616.66	11.64	616.65	11.24	616.63	11.79	616.52	11.78	616.23
9/22/2014	9.65	613.52	12.62	615.58	12.65	615.58	12.30	615.97	12.32	615.97	12.00	615.87	12.54	615.77	12.45	615.56
12/1/2014	9.67	613.50	11.95	616.25	12.04	616.19	12.11	616.16	12.02	616.27	11.79	616.08	12.31	616.00	12.05	615.96
3/20/2015	9.69	613.48	12.65	615.55	12.70	615.53	12.50	615.77	12.54	615.75	12.13	615.74	12.68	615.63	12.45	615.56
6/23/2015	NM	--	NM	--	NM	--	11.31	616.96	11.32	616.97	11.02	616.85	11.51	616.80	NM	--
9/21/2015	9.45	613.72	12.25	615.95	12.34	615.89	12.11	616.16	12.13	616.16	11.78	616.09	12.36	615.95	12.16	615.85
4/13/2016	9.29	613.88	10.59	617.61	10.65	617.58	10.17	618.10	10.16	618.13	9.80	618.07	10.33	617.98	11.20	616.81

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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS9 Well Number	MW-910		PZ-910	
Ground Elevation (ft)	625.81		625.80	
Top of PVC Casing (TOC) Elevation (ft)	628.18		628.26	
Top of Screen Elevation (ft)	620.61		602.96	
Screen Length (ft)	10		2.5	
TOC to Bottom of Well (ft)[A]	17.57		27.8	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--
4/6/2012	NI	--	NI	--
6/11/2012	NI	--	NI	--
7/9/2012	NI	--	NI	--
6/3 - 6/5/2014	11.65	616.53	11.90	616.36
9/22/2014	12.78	615.40	12.88	615.38
12/1/2014	12.51	615.67	12.75	615.51
3/20/2015	12.72	615.46	12.90	615.36
6/23/2015	12.07	616.11	NM	--
9/21/2015	12.45	615.73	12.62	615.64
4/13/2016	11.26	616.92	11.66	616.60

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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS10 Well Number	MW-44		MW-63		MW-64		MW-65		MW-76		MW-77		MW-78		PZ-78	
Ground Elevation (ft)	624.49		624.67		625.01		623.89		622.67		622.73		624.28		624.37	
Top of PVC Casing (TOC) Elevation (ft)	624.194		627.92		628.12		627.14		622.21		622.16		623.7		624.05	
Top of Screen Elevation (ft)	619.724		615		614.79		614.15		615.65		615.45		617.36		604.24	
Screen Length (ft)	10		10		10		10		10		10		10		2.5	
TOC to Bottom of Well (ft)[A]	14.47		22.92		23.33		22.99		16.56		16.71		16.34		22.31	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	11.10	613.09	17.03	610.89	17.88	610.24	14.01	613.13	8.29	613.92	9.44	612.72	10.68	613.02	NI	--
4/11/2012	10.55	613.64	17.21	610.71	17.71	610.41	13.96	613.18	9.54	612.67	9.60	612.56	10.64	613.06	NI	--
5/21/2012	10.64	613.55	17.33	610.59	17.88	610.24	13.96	613.18	9.51	612.70	9.62	612.54	10.60	613.10	10.81	613.24
6/11/2012	10.99	613.20	17.34	610.58	17.96	610.16	14.18	612.96	9.64	612.57	9.72	612.44	10.69	613.01	10.95	613.10
5/22 - 5/27/2014	10.19	614.00	16.95	610.97	17.14	610.98	13.61	613.53	9.03	613.18	9.40	612.76	10.40	613.30	10.52	613.53
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	10.95	613.24	17.30	610.62	17.87	610.25	14.08	613.06	9.52	612.69	9.58	612.58	10.84	612.86	10.97	613.08
12/1/2014	11.20	612.99	17.38	610.54	18.02	610.10	14.44	612.70	9.64	612.57	9.66	612.50	10.98	612.72	10.90	613.15
3/20/2015	11.15	613.04	17.19	610.73	17.66	610.46	13.55	613.59	9.66	612.55	9.21	612.95	10.63	613.07	11.19	612.86
6/23/2015	NM	--	17.09	610.83	17.02	611.10	NM	--	8.46	613.75	9.28	612.88	10.49	613.21	11.27	612.78
9/21/2015	10.37	613.82	17.18	610.74	17.60	610.52	14.02	613.12	9.27	612.94	9.36	612.80	10.60	613.10	11.21	612.84
4/13/2016	9.51	614.68	16.34	611.58	16.53	611.59	13.47	613.67	8.21	614.00	9.05	613.11	10.32	613.38	10.64	613.41

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Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS10 Well Number	MW108		MW-1000		PZ-1000		MW-1001		PZ-1001		MW-1003		MW-1004		PZ-1004	
Ground Elevation (ft)	623.742		625.65		625.59		622.99		623.06		622.58		623.28		623.37	
Top of PVC Casing (TOC) Elevation (ft)	623.262		627.88		627.58		623.03		622.66		622.24		623		622.82	
Top of Screen Elevation (ft)	619.162		620.85		602.99		618.64		604.97		618.01		618.36		601.8	
Screen Length (ft)	10		10		2.5		10		2.5		10		10		2.5	
TOC to Bottom of Well (ft)[A]	14.1		17.03		27.09		14.39		20.19		14.23		14.64		23.52	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	6.00	617.26	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
4/11/2012	5.42	617.84	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--	NI	--
5/21/2012	6.70	616.56	--	dry	17.52	610.06	10.39	612.64	10.39	612.27	10.13	612.11	10.13	612.87	9.84	612.98
6/11/2012	8.13	615.13	--	dry	17.45	610.13	10.35	612.68	10.56	612.10	10.25	611.99	10.19	612.81	9.92	612.90
5/22 - 5/27/2014	4.38	618.88	16.75	611.13	16.82	610.76	10.12	612.91	10.42	612.24	9.35	612.89	9.93	613.07	8.61	614.21
6/12/2014	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--	NM	--
9/22/2014	7.74	615.52	16.96	610.92	17.47	610.11	10.42	612.61	10.10	612.56	10.00	612.24	10.05	612.95	10.24	612.58
12/1/2014	7.10	616.16	16.99	610.89	17.80	609.78	10.38	612.65	10.25	612.41	10.45	611.79	10.09	612.91	9.34	613.48
3/20/2015	3.53	619.73	16.74	611.14	17.22	610.36	10.36	612.67	10.77	611.89	10.23	612.01	10.00	613.00	9.68	613.14
6/23/2015	5.62	617.64	16.72	611.16	23.39	604.19	10.11	612.92	10.89	611.77	8.70	613.54	9.73	613.27	9.95	612.87
9/21/2015	6.60	616.66	16.79	611.09	17.45	610.13	10.24	612.79	10.80	611.86	9.73	612.51	9.91	613.09	9.80	613.02
4/13/2016	3.49	619.77	16.51	611.37	16.30	611.28	9.86	613.17	9.66	613.00	8.51	613.73	9.52	613.48	9.20	613.62

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-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS10 Well Number	MW-1005		MW-1006*	
Ground Elevation (ft)	627.18		623.37	
Top of PVC Casing (TOC) Elevation (ft)	626.92		625.79	
Top of Screen Elevation (ft)	619.88		633.69	
Screen Length (ft)	10		10	
TOC to Bottom of Well (ft)[A]	17.04		17.9	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
1/23/2012	NI	--	NI	--
4/11/2012	NI	--	NI	--
5/21/2012	14.84	612.08	NI	--
6/11/2012	15.01	611.91	NI	--
5/22 - 5/27/2014	14.30	612.62	11.21	614.58
6/12/2014	NM	--	10.69	615.10
9/22/2014	15.00	611.92	12.19	613.60
12/1/2014	15.20	611.72	11.92	613.87
3/20/2015	14.65	612.27	12.05	613.74
6/23/2015	14.10	612.82	10.77	615.02
9/21/2015	14.56	612.36	11.75	614.04
4/13/2016	13.36	613.56	10.37	615.42

ft = feet
[A] = as measured inside well
*=LNAPL, elevation uncorrected
NI = Not Installed
NM = Not Measured
-- no elevation

Table 1
Groundwater Measurements and Elevations
Kenosha Engine Plant
AECOM Project 60342701

CS1 Well Number	MW-79		MW-80		MW-81		MW-82	
Ground Elevation (ft)	624.55		623.7		624.05		624.7	
Top of PVC Casing (TOC) Elevation (ft)	624.39		623.5		623.89		624.5	
Top of Screen Elevation (ft)	617.89		617		617.39		618	
Screen Length (ft)	10		10		10		10	
TOC to Bottom of Well (ft)[A]	16.5		16.5		16.5		16.5	
Date	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)	Depth to GW from TOC (ft)	Groundwater Elevation (ft)
9/30/2014	8.50	615.89	4.78	618.72	9.50	614.39	10.60	613.90
12/9/2014	9.19	615.20	5.70	617.80	9.39	614.50	10.65	613.85
3/20/2015	9.18	615.21	5.54	617.96	7.49	616.40	9.90	614.60
9/21/2015	8.95	615.44	6.05	617.45	9.14	614.75	10.61	613.89
4/13/2016	8.03	616.36	5.85	617.65	8.04	615.85	9.81	614.69

ft = feet
[A] = as measured inside well
NI = Not Installed
NM = Not Measured
-- no elevation

Table 2
Field Parameters - Semi-Annual Groundwater Sampling Perimeter Monitoring Wells and Piezometers
Kenosha Engine Plant

Perimeter Monitoring Wells

Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/l)	ORP (Milivolts)	Conductivity (Microsiemens/cm)	Temperature (° Celcius)	Groundwater Elevation** (feet msl)
MW-44	5/21/2012	7.33	0.42	-71.20	2.068	12.98	613.55
CS10	5/22/2014	6.73	1.06	188.30	4.129	11.33	614
	9/30/2014	6.89	0.35	95.50	4.158	16.27	613.24
	12/4/2014	7.03	0.89	-8.2	2.586	12.29	612.99
	9/23/2015	6.97	0.86	16.9	4.675	18.05	613.82
	4/14/2016	7.05	4.92	57.1	4.846	9.2	614.68
MW-68	11/4/2011	6.03	0.97	94.80	0.63	16.99	612.57
CS9	6/5/2014	6.99	2.16	-58.90	0.842	13.76	613.29
	9/23/2014	7	0.38	-65.50	1.389	16.45	613.03
	12/2/2014	7.42	0.41	-120.1	0.99	13.11	612.73
	9/24/2015	7.79	0.2	-125	0.995	16.52	613.26
	4/14/2016	7.01	2.43	7	1.202	10.29	613.44
PZ-68	11/4/2011	6.74	3.54	37.70	0.897	15.74	612.51
CS9	6/5/2014	7.03	2.98	63.90	0.861	13.01	616.95
	9/23/2014	8.24	0.8	-95.30	0.822	15.89	611.83
	12/2/2014	9.12	5.22	-96.2	0.277	12.28	613.25
	9/23/2015	7.15	1.6	128	0.495	21.34	613.23
	4/14/2016	9.02	7.68	116.5	0.305	11.84	613.45
MW-70	11/4/2011	5.63	0.39	62.20	2.134	17.95	614.91
CS8	5/21/2014	5.71	0.56	-184.30	3.012	12.25	616.63
MW-809	9/23/2014	6.58	0.94	126.10	2.184	18.73	615.69
sampled	12/2/2014	6.81	0.54	39.1	1.003	11.58	615.53
as alternate	9/23/2015	access blocked by concrete pile					
MW-71	11/4/2011	5.89	0.61	34.40	2.585	16.98	614.67
CS8	5/21/2014	5.98	0.87	-208.40	1.598	12.55	616.33
MW-808	9/23/2014	6.77	0.26	90.20	1.312	17.74	615.4
sampled	12/2/2014	6.92	0.32	21.3	1.128	12.29	615.29
as alternate	9/23/2015	access blocked by concrete pile					
MW-101	1/23/2012	7.68	4.28	3.50	0.756	8.8	617.03
CS5	5/20/2014	6.95	2.8	-156.30	1.454	14.07	618.06
	9/29/2014	7.27	0.81	34.80	1.34	20.46	617.5
	12/5/2014	7.3	1.22	-19	1.26	12.1	617.39
	9/22/2015	7.29	2.19	29.2	1.411	20.62	618.3
	4/15/2016	7.51	4.75	2.8	1.383	9.73	618.22
MW-102	1/26/2012	7.09	0.67	-74.20	1.214	9.09	617.81
CS3	5/16/2014	6.98	3.56	-48.50	2.320	8.98	618.74
	9/29/2014	7.01	0.14	-77.10	1.345	19.52	618.33
	12/4/2014	7.29	0.39	-56.3	1.509	11.35	618.28
	3/25/2015	7.23	0.54	-23.3	1.38	5.87	618.15
	9/24/2015	7.05	0.71	-47.2	1.617	18.76	618.72
	4/15/2016	7.31	0.47	38.2	2.414	9.28	618.83

Table 2
Field Parameters - Semi-Annual Groundwater Sampling Perimeter Monitoring Wells and Piezometers
Kenosha Engine Plant

Perimeter Monitoring Wells

Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/l)	ORP (Milivolts)	Conductivity (Microsiemens/cm)	Temperature (° Celcius)	Groundwater Elevation** (feet msl)
MW-105	1/24/2012	6.89	0.38	-87.00	2.997	11.06	613.53
CS2	5/20/2019	6.48	0.47	-237.20	3.898	13.43	615.15
	9/30/2014	7.08	0.14	-62.10	2.787	16.75	614.89
	12/5/2014	6.70	0.6	-53.10	2.368	12.78	614.77
	9/22/2015	7.09	0.7	-9.10	0.899	18.25	616.43
	4/14/2016	6.91	2.68	-23.10	2.731	9.42	615.74
MW-108	5/21/2012	7.16	1.73	-65.00	4.583	13.19	616.56
CS10	5/23/2014	6.67	4.39	188.30	6.796	11.73	618.88
	9/30/2014	6.85	0.36	80.90	4.932	16.16	615.52
	12/4/2014	6.94	1.66	-3	4.386	10.4	616.16
	9/23/2015	6.87	0.96	27.8	4.504	18.23	616.66
	4/14/2016	7.33	4.65	90.8	4.674	8.53	619.77
MW-109	6/5/2014	6.23	0.44	-26.20	0.831	11.59	610.91
CS9	9/23/2014	7.01	0.45	151.00	1.244	15.00	610.74
	12/5/2014	6.7	0.75	-63.70	1.303	12.41	610.76
	9/23/2015	7.05	0.34	-89.00	1.737	15.13	610.89
	4/15/2016	7.21	0.64	11.40	1.641	10.83	611.01
MW-110	5/22/2014	7.02	9.23	59.00	0.538	10.15	616.73
CS8	9/23/2014	7.25	0.6	165.00	0.755	17.50	615.22
	12/5/2014	7.26	2.7	-2.00	0.639	11.57	615.24
	9/23/2015	7.05	0.68	239.00	0.557	23.82	615.75
	4/14/2016	7.51	9.57	21.10	0.598	8.69	617.49
MW-111	5/21/2014	7.05	1.81	74.30	0.977	10.83	614.33
CS7	9/23/2014	7.29	0.69	180.00	0.634	18.10	613.48
	12/5/2014	7.3	1.38	-7.80	0.605	12.12	613.73
	9/23/2015	7.88	0.75	169.00	0.449	22.68	614.00
	4/14/2016	7.74	2.02	22.00	0.527	9.06	614.78
MW-112	11/3/2011	6.85	0.5	-2.50	2.661	15.52	615.47
CS7	5/21/2014	7.19	0.74	43.10	2.699	11.28	616.82
	9/24/2014	7.05	0.5	68.40	2.26	17.78	615.77
	12/5/2014	7.25	3.69	-11.3	1.124	10.85	616.27
	9/22/2015	7.18	3.55	4	1.482	17.92	617
	4/15/2016	7.41	3.08	-13.7	1.49	9.07	617.46
MW-113	8/18/2011	7.27	0.73	-7.10	2.699	16.82	612.11
CS6	5/28/2014	7.11	1.73	-208.70	1.586	11.29	613.21
	9/25/2014	7.7	0.24	283.00	3.400	16.40	604.03
	12/5/2014	7.18	2.1	-24.9	1.992	11.72	612.2
	3/25/2015	7.24	2.03	52.3	2.812	8.32	612.31
	9/22/2015	7.23	0.8	-24.5	1.755	17.19	612.88
	4/15/2016	7.45	3.55	187.9	1.459	9.01	613.86

Table 2
Field Parameters - Semi-Annual Groundwater Sampling Perimeter Monitoring Wells and Piezometers
Kenosha Engine Plant

Perimeter Monitoring Wells

Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/l)	ORP (Milivolts)	Conductivity (Microsiemens/cm)	Temperature (° Celcius)	Groundwater Elevation** (feet msl)
MW-114	8/18/2011	7.44	0.32	-97.10	1.159	15.69	613.45
CS6	5/28/2014	6.95	4.13	-188.70	1.241	10.72	615.87
	9/29/2014	7.21	0.18	-109.40	0.180	15.73	613.74
	12/4/2014	7.29	0.23	-89.5	0.911	11.28	613.84
	3/25/2015	7.34	0.32	-79.4	1.192	7.05	613.75
	9/22/2015	7.13	0.3	-113.6	1.177	16.35	613.88
	4/15/2016	6.94	4.24	-3.3	1.464	8.12	616.83
MW-115	8/18/2011	7.48	1.61	-14.00	0.985	17.97	616.45
CS6	5/28/2014	6.37	6.38	-144.70	1.191	9.94	618.18
	9/29/2014	7.07	1.17	105.10	0.808	17.44	616.41
	12/4/2014	7.21	3.55	-15.7	0.715	10.84	616.55
	9/22/2015	7.08	1.98	71.8	0.941	18.06	617.49
	4/15/2016	7.57	5.24	180.7	0.731	8.16	618.41
MW-116	11/8/2011	6.41	1.44	-25.80	0.776	13.67	613.64
CS8	5/22/2014	6.77	3.18	67.30	0.649	9.32	616.12
	9/23/2014	7.07	0.39	151.00	0.808	15.20	614.46
	12/2/2014	7	0.88	11.1	0.642	10.45	614.79
	9/23/2015	6.86	2.06	45.9	0.993	15.79	615.68
	4/14/2016	7.32	6.16	64.7	0.761	9.11	617.74
PZ-116	11/8/2011	6.23	0.4	-58.50	1.808	12.23	613.76
CS8	5/22/2014	6.98	0.29	38.50	2.01	11.63	615.72
	9/23/2014	7.11	0.25	165.00	2.05	14.40	614.74
	12/2/2014	7.06	0.24	-79.6	1.714	10.36	614.76
	9/23/2015	6.96	0.26	-104.8	2.46	13.68	614.96
	4/14/2016	7.03	0.99	-41.1	2.564	10.74	616.55
MW-117	5/21/2014	6.91	2.73	42.30	1.237	12.10	614.37
CS7	9/24/2014	7.09	0.61	51.80	1.253	15.94	613.15
	12/4/2014	6.81	0.28	-48.30	1.202	12.6	613.41
	3/24/2015	7.15	2.69	-9.40	1.033	7.71	613.74
	9/23/2015	6.99	0.5	-102.60	1.276	16.55	613.79
	4/14/2016	7.15	1.3	-44.70	1.065	9.52	614.49
PZ-117	5/21/2014	6.98	0.11	-12.00	0.882	11.48	615.02
CS7	9/24/2014	7.05	0.43	-44.00	1.501	14.53	613.4
	12/4/2014	6.9	0.48	-33.10	1.188	12.52	613.41
	3/24/2015	7.3	0.54	-44.40	0.443	8.22	613.86
	9/23/2015	6.94	0.3	-116.10	1.635	14.52	613.56
	4/14/2016	7.31	0.54	-18.90	1.692	11	615.18
PZ-118	5/28/2014	6.73	3.17	-201.00	1.702	11.10	615.75
CS6	9/25/2014	7.07	0.11	301.00	5.500	14.80	613.84
	12/5/2014	7.1	0.76	-56.20	1.504	12.69	613.76
	3/25/2015	7.15	1.03	-37.10	2.089	8.66	614.23
	9/22/2015	7	0.24	-95.10	2.050	16.30	614.81
	4/15/2016	7.13	2.52	-60.30	2.198	9.50	616.61

Table 2
Field Parameters - Semi-Annual Groundwater Sampling Perimeter Monitoring Wells and Piezometers
Kenosha Engine Plant

Perimeter Monitoring Wells

Well Name	Sample Date	pH Units	Dissolved Oxygen (mg/l)	ORP (Milivolts)	Conductivity (Microsiemens/cm)	Temperature (° Celcius)	Groundwater Elevation** (feet msl)
MW-808	5/21/2014	7.21	0.18	-37.40	1.982	11.85	617.11
CS8	9/23/2014	7.72	0.23	-22.40	1.346	18.24	615.52
alternate	12/2/2014	7.98	0.22	-72.10	1.029	11.51	615.48
for MW-71	9/23/2015	7.47	0.18	31.00	1.26	19.15	616.07
	4/14/2016	6.89	1.83	-15.10	3.692	9.03	616.59
MW-809	5/21/2014	6.83	0.17	-80.50	2.588	11.73	616.4
CS8	9/23/2014	6.71	0.18	-30.10	2.715	18.28	615.63
alternate	12/2/2014	6.73	1.84	-44.70	2.545	12.92	615.57
for MW-70	9/23/2015	7.33	0.25	-65.00	2.95	20.53	616.32
	4/14/2016	6.97	2	-7.60	2.586	9.50	617.04

** Groundwater elevations from single day measuring event, rather than sampling date

AECOM

Table 3
Detected Volatile Organic Compounds in Groundwater Samples from Perimeter Monitoring Wells and Piezometers
Kenosha Engine Plant

Perimeter Monitoring Wells

Location	Sample Date	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	Benzene (ug/L)	Bromomethane (ug/L)	Chloroethane (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Methyl-tert-butyl ether (ug/L)	n-Butylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	Tetrachloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	Trichloroethene (ug/L)	Vinyl chloride (ug/L)
MW-44	5/21/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/23/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/30/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/4/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-68	11/4/2011	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	6/5/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/2/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/24/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
PZ-68	11/4/2011	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	0.25 J	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	4/6/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	6/5/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/2/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-101	1/23/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/20/2014	0.63 J	0.25 J	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/29/2014	1.2	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	0.78 J	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/22/2015	0.99 J	0.42 J	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/15/2016	0.51 J	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-102	1/26/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	1/26/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/16/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/29/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/4/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	3/25/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/24/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/15/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**0.23** J
	4/15/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-105	1/24/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	4/16/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/20/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/30/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/22/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	PAL:	40	85	0.7	0.5	1	80	3	7	0.5	12	--	--	0.5	20	0.5	0.02
	ES:	200	850	7	5	10	400	30	70	5	60	--	--	5	100	5	0.2

AECOM

Table 3
Detected Volatile Organic Compounds in Groundwater Samples from Perimeter Monitoring Wells and Piezometers
Kenosha Engine Plant

Perimeter Monitoring Wells

Location	Sample Date	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	Benzene (ug/L)	Bromomethane (ug/L)	Chloroethane (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Methyl-tert-butyl ether (ug/L)	n-Butylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	Tetrachloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	Trichloroethene (ug/L)	Vinyl chloride (ug/L)
MW-108	5/21/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/23/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/30/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/4/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-108 DUP	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-109	6/5/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/15/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-110	5/22/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-111	5/22/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-112	11/3/2011	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	1.3	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/21/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/24/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/22/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/15/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-113	8/18/2011	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/28/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/25/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/5/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	3/25/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/22/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/15/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	PAL:	40	85	0.7	0.5	1	80	3	7	0.5	12	--	--	0.5	20	0.5	0.02
	ES:	200	850	7	5	10	400	30	70	5	60	--	--	5	100	5	0.2

AECOM

Table 3
Detected Volatile Organic Compounds in Groundwater Samples from Perimeter Monitoring Wells and Piezometers
Kenosha Engine Plant

Perimeter Monitoring Wells

Location	Sample Date	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	Benzene (ug/L)	Bromomethane (ug/L)	Chloroethane (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Methyl-tert-butyl ether (ug/L)	n-Butylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	Tetrachloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	Trichloroethene (ug/L)	Vinyl chloride (ug/L)
MW-114	8/18/2011	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	0.33 J	*8.7*	< 0.43	0.73 J	< 0.93	< 0.67	< 0.45	< 0.89	**5.5**	**30.4**
	4/9/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	3.1	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	*0.67* J	**21.1**
	5/28/2014	2.6	1.7	< 0.41	< 0.5	< 2.4	0.55 J	< 0.5	*9.5*	< 0.23	0.21 J	< 0.5	< 0.5	< 0.5	0.61 J	**26.7**	**1.4**
	9/29/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	3.8	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**32.1**
	12/4/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	4.9	< 0.23	0.24 J	< 0.5	< 0.5	< 0.5	2.3 J	*0.84* J	**24.8** J
	3/25/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	2.8	< 0.23	0.18 J	< 0.5	< 0.5	< 0.5	0.36 J	< 0.33	**16.7**
	9/22/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	4.8	< 0.23	0.5 J	< 0.5	< 0.5	< 0.5	0.79 J	< 0.33	**19.5**
	4/15/2016	16.1	5.8	*0.82* J	< 0.5	< 2.4	< 0.37	< 0.5	*49*	< 0.23	< 0.17	< 0.5	< 0.5	*1*	5.8	**270**	**5.5**
MW-114 DUP	5/28/2014	2.6	1.6	< 0.41	< 0.5	< 2.4	0.55 J	< 0.5	*9.5*	< 0.23	0.24 J	< 0.5	< 0.5	< 0.5	0.62 J	**27.2**	**1.5**
	9/29/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	3.6	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	0.44 J	< 0.33	**30.6**
	12/4/2014	< 0.5	0.28 J	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	5.4	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	0.52 J	*1.2*	**17.8** J
	9/22/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	3.6	< 0.23	0.47 J	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**15.3**
	4/15/2016	15.9	5.7	*0.85* J	< 0.5	< 2.4	< 0.37	< 0.5	*49.1*	< 0.23	< 0.17	< 0.5	< 0.5	*1.1*	5.9	**273**	**5.8**
MW-115	8/18/2011	< 0.9	< 0.75	< 0.57	< 0.41	*1.3*	< 0.97	0.4 J	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	4/9/2012	1.6	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/28/2014	1.2	0.42 J	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/29/2014	0.91 J	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/4/2014	0.71 J	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/22/2015	0.98 J	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/15/2016	0.77 J	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-116	11/8/2011	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	4/11/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/22/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/2/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
PZ-116	11/8/2011	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	4/11/2012	< 0.9	< 0.75	< 0.57	< 0.41	< 0.91	< 0.97	< 0.24	< 0.83	< 0.43	< 0.61	< 0.93	< 0.67	< 0.45	< 0.89	< 0.48	< 0.18
	5/22/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/2/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**0.3** J
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**0.32** J
MW-117	5/21/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/24/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/4/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	3/24/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	PAL:	40	85	0.7	0.5	1	80	3	7	0.5	12	--	--	0.5	20	0.5	0.02
	ES:	200	850	7	5	10	400	30	70	5	60	--	--	5	100	5	0.2

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Table 3
Detected Volatile Organic Compounds in Groundwater Samples from Perimeter Monitoring Wells and Piezometers
Kenosha Engine Plant

Perimeter Monitoring Wells

Location	Sample Date	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	1,1-Dichloroethene (ug/L)	Benzene (ug/L)	Bromomethane (ug/L)	Chloroethane (ug/L)	Chloromethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	Methylene Chloride (ug/L)	Methyl-tert-butyl ether (ug/L)	n-Butylbenzene (ug/L)	p-Isopropyltoluene (ug/L)	Tetrachloroethene (ug/L)	trans-1,2-Dichloroethene (ug/L)	Trichloroethene (ug/L)	Vinyl chloride (ug/L)
PZ-117	5/21/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	**0.64** J
	9/24/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**0.95** J
	12/4/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**0.95** J
	3/24/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**0.66** J
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**0.51** J
PZ-118	5/28/2014	< 0.5	0.41 J	0.65 J	< 0.5	< 2.4	< 0.37	< 0.5	**295**	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	2.3	< 0.33	**92.3**
	9/25/2014	< 0.5	0.39 J	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	**134**	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	1.6	< 0.33	**192**
	12/5/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	*21.4*	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	0.81 J	< 0.33	**62.8**
	3/25/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	*20.4*	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**48.1**
	9/22/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	*21.5*	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	**37.2**
	4/15/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	*8.9*	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	0.31 J	< 0.33	**14.6**
MW-808	5/21/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	0.9 J	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/2/2014	< 0.5	0.32 J	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	0.89 J	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	0.55 J	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	0.66 J	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	0.29 J	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
MW-809	5/21/2014	< 0.5	< 0.18	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.24	< 0.33	< 0.18
	9/23/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	12/2/2014	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	9/23/2015	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	4/14/2016	< 0.5	< 0.24	< 0.41	< 0.5	< 2.4	< 0.37	< 0.5	< 0.26	< 0.23	< 0.17	< 0.5	< 0.5	< 0.5	< 0.26	< 0.33	< 0.18
	PAL:	40	85	0.7	0.5	1	80	3	7	0.5	12	--	--	0.5	20	0.5	0.02
	ES:	200	850	7	5	10	400	30	70	5	60	--	--	5	100	5	0.2

Notes:

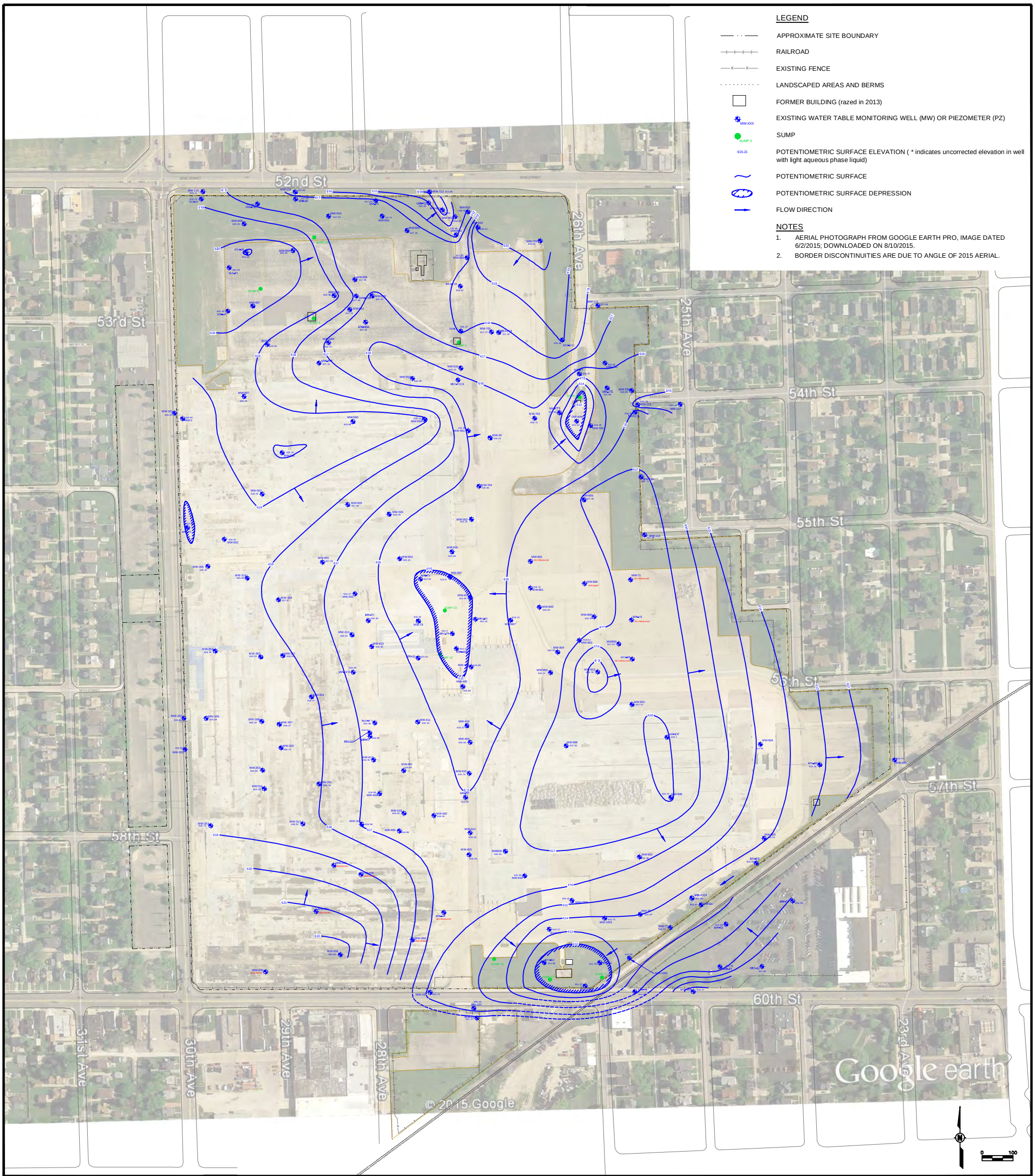
ug/L = micrograms per liter

J = Estimated value - see data validation memo + or - = Result biased high (+) or low (-) as determined by QC review.

PAL - Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, July 2015 exceedances are *underlined italics*.

ES - Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, July 2015, exceedances are **bold.**

\\USMWK1FS001\prod\Data\Projects\60485212\900_Work\CADD\KEP - GW -2016.4-April Flow - 2015-August.dwg; 7/18/2016 3:59:01 PM; ENGELHARDT, SARAH; ----



WATER TABLE GROUNDWATER CONTOURS - April 2016
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

Drawn :	SAE	7/18/2016
Checked:	LLA	7/18/2016
Approved:	KWB	7/18/2016
PROJECT NUMBER	60485212	
FIGURE NUMBER	1	

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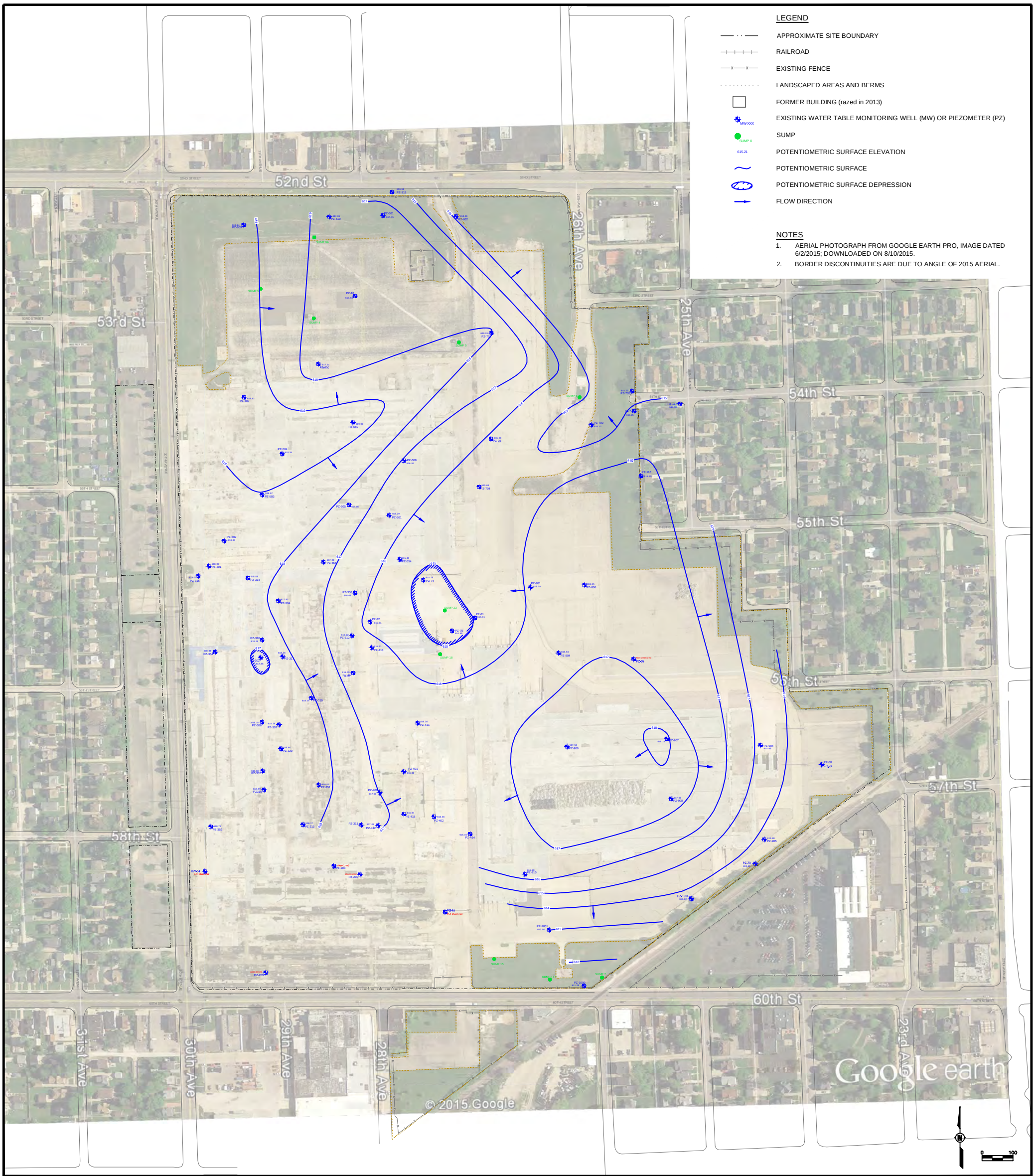
\\USMWK1FS001\prod\Data\Projects\60485212\900_Work\CADD\KEP - GW -2016.4-April Flow - 2015-August.dwg; 7/18/2016 3:59:20 PM; ENGELHARDT, SARAH; ----



POTENTIOMETRIC SURFACE - KEP PIEZOMETERS - April 2016
KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

Drawn :	SAE	7/18/2016
Checked:	LLA	7/18/2016
Approved:	KWB	7/18/2016
PROJECT NUMBER	60485212	
FIGURE NUMBER	2	

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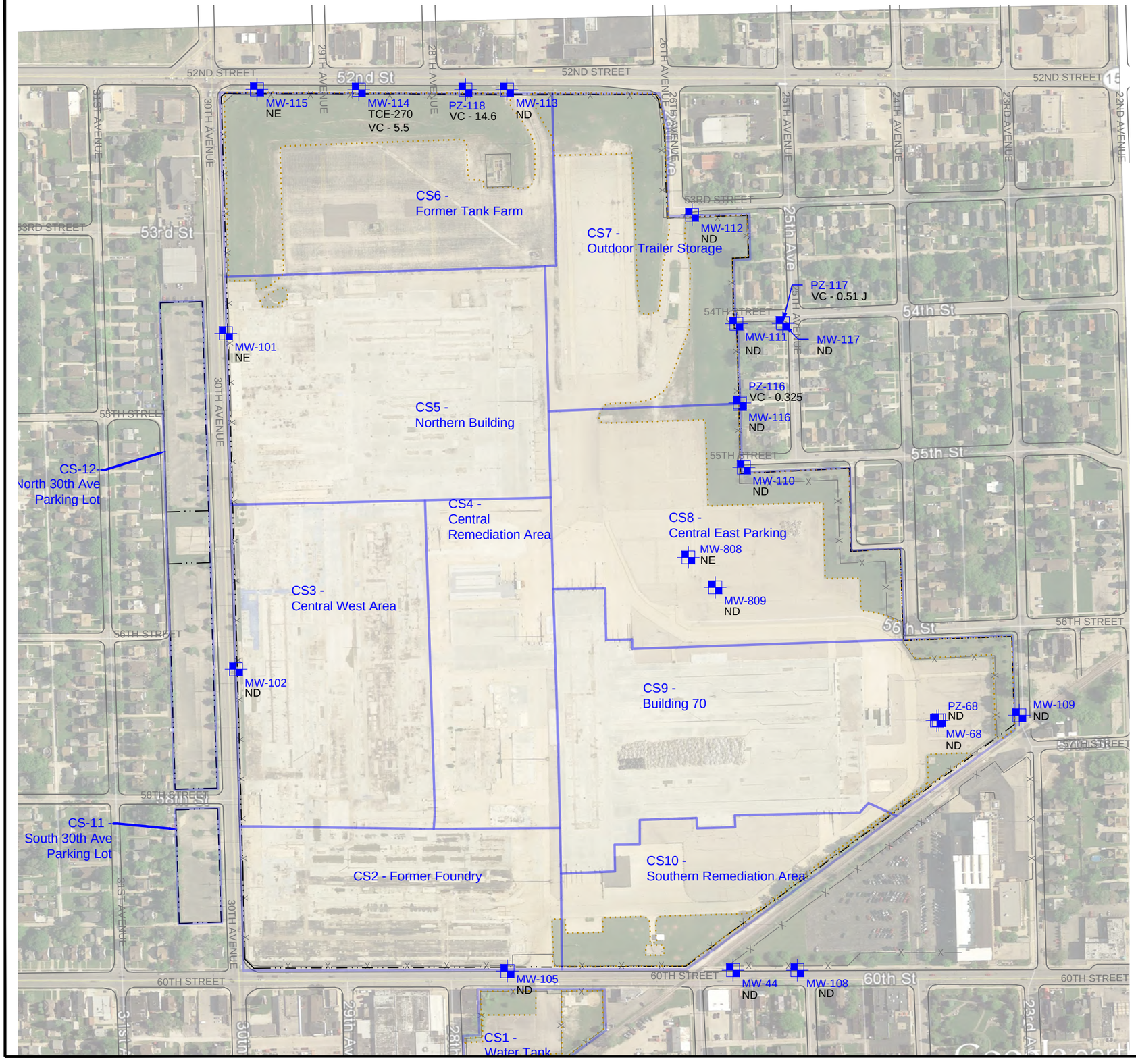

LEGEND

- APPROXIMATE SITE BOUNDARY
- RAILROAD
- EXISTING FENCE
- LANDSCAPPED/BERM AREA
- INVESTIGATION AREA
- MW-XXX — PERIMETER MONITORING WELL LOCATIONS - results below well name

NOTES

1. AERIAL PHOTOGRAPH FROM GOOGLE EARTH PRO, IMAGE DATED 6/2/2015; DOWNLOADED ON 8/10/2015.
2. BORDER DISCONTINUITIES ARE DUE TO ANGLE OF 2015 AERIAL.
3. RESULTS REPORTED IN MICROGRAMS/LITER (UG/L)
4. ND - NO DETECT
5. NE - NO RCL EXCEEDANCE
6. VC - VINYL CHLORIDE
7. TCE - TRICHLOROETHENE

0 300

1” = 300’

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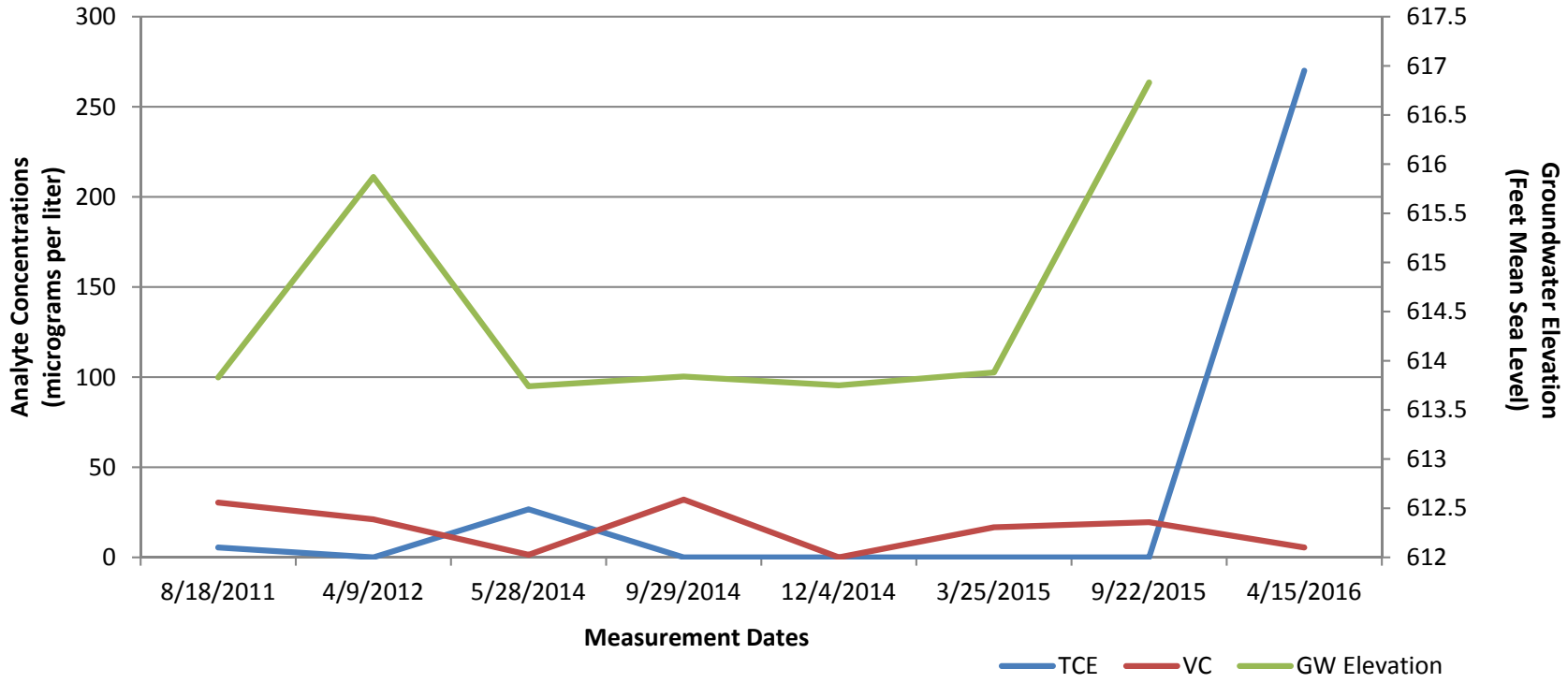
VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER ABOVE ENFORCEMENT STANDARDS - April 2016

KENOSHA ENGINE PLANT
CITY OF KENOSHA
KENOSHA, WISCONSIN

Drawn :	SAE	5/4/2016
Checked:	LLA	5/4/2016
Approved:	KWB	5/4/2016
PROJECT NUMBER	60342701	
FIGURE NUMBER	3	

Figure 4
Monitoring Well MW-114
Analyte Concentrations and Groundwater Elevations over Time



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Memorandum

Date: April 27, 2016

To: Lanette Altenbach, Project Manager (PG)

From: Lisa Smith, Environmental Chemist (CEAC)

Subject: Data Validation - Analytical Groundwater Results for April 2016
Former Kenosha Engine Plant
Kenosha, Wisconsin

SUMMARY

Data validation was performed on the analytical results of the groundwater samples collected for volatile organic compounds (VOCs) as listed in Table 1 below. The samples were collected at the Kenosha WI site on April 14 and 15, 2016. Groundwater samples were submitted to Pace Analytical, Green Bay for analysis. Pace processed the samples and reported the results under sample delivery group (SDG) 40131029.

The analytical data were evaluated with reference to the United States Environmental Protection Agency (USEPA) Contract Laboratory Program (CLP) National Functional Guidelines for Superfund Organic Methods Data Review (August 2014). The National Functional Guidelines were modified to accommodate the non-CLP methodology. Laboratory control limits and/or method criteria were used as appropriate as the basis for validation actions.

Based on the results of the validation, the data are valid as reported and may be used for decision making purposes. Results did not require qualification due to QC exceedances. Results reported below the limit of quantitation (LOQ) were qualified as estimated (J) by the laboratory; qualifications of these results were accepted by the Validator.

METHODS

The samples were analyzed by the methods listed below.

- SW-846 8260 – Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)

SAMPLES

The samples included in this review are listed below.

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Table 1 - Sample Summary
Kenosha Groundwater Samples

Field ID	QC	Date Sampled	Laboratory ID	Analyses
Groundwater Samples:				
CS2-MW-105		4/14/2016	40131029014	VOCs
CS3-MW-102		4/15/2016	40131029022	VOCs
CS5-MW-101		4/15/2016	40131029023	VOCs
CS6-MW-113		4/15/2016	40131029019	VOCs
CS6-MW-114		4/15/2016	40131029016	VOCs
CS6-MW-114D	Field Duplicate of CS6-MW-114	4/15/2016	40131029017	VOCs
CS6-MW-115		4/15/2016	40131029015	VOCs
CS6-PZ-118		4/15/2016	40131029018	VOCs
CS7-MW-111		4/14/2016	40131029009	VOCs
CS7-MW-112		4/15/2016	40131029020	VOCs
CS7-MW-117		4/14/2016	40131029005	VOCs
CS7-PZ-117		4/14/2016	40131029006	VOCs
CS8-MW-110		4/14/2016	40131029010	VOCs
CS8-MW-116		4/14/2016	40131029007	VOCs
CS8-PZ-116		4/14/2016	40131029008	VOCs
MW-808		4/14/2016	40131029001	VOCs
MW-809		4/14/2016	40131029002	VOCs
CS9-MW-68		4/14/2016	40131029003	VOCs
CS9-PZ-68	MS/MSD	4/14/2016	40131029004	VOCs
CS9-MW-109	MS/MSD	4/15/2016	40131029021	VOCs
CS10-MW-44		4/14/2016	40131029011	VOCs
CS10-MW-108		4/14/2016	40131029012	VOCs
CS10-MW-108D	Field Duplicate of CS10-MW-108	4/14/2016	40131029013	VOCs
Field QC Blanks:				
TRIP BLANK		4/14/2016	40131029024	VOCs

REVIEW ELEMENTS

A limited data validation was performed on the samples. Quality control (QC) parameters listed below were reviewed, if applicable to the methodology.

Limited Validation
Holding Time
Method Blanks
Trip Blanks
Surrogate Recoveries
Laboratory Control Sample/Laboratory Control Sample Duplicates
Matrix Spikes/Matrix Spike Duplicates
Quantitation Limits
Field Duplicates

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DISCUSSION

Sample Receipt

Samples were received at the laboratory intact, properly preserved and in good condition. The groundwater samples were received on ice. The sample collection times for CS8-MW-116 and CS8-PZ-116 were switched on the chain of custody (CoC). The sampler indicated the collection times on the VOA vials were correct.

Holding Times

Samples were analyzed within holding time.

Method Blanks

Laboratory blanks are analyzed to assess contamination from laboratory procedures. Method blanks were analyzed at the correct frequency. Compounds were not detected in the associated method blanks.

Trip Blanks

Trip blanks are used to assess contamination from sample shipping. One trip blank was associated with the sample shipment. Compounds were not detected in the trip blank.

Surrogate Recoveries

Surrogates are spiked into all field samples, field QC samples, and method QC samples and are used to evaluate accuracy. The surrogates are organic compounds similar to the target compounds in chemical composition and behavior in the analytical process, but are not usually found in environmental samples. Surrogate recoveries were within the laboratory specified QC limits.

Laboratory Control Samples (LCSs)

LCSs are analyzed to monitor the accuracy and precision of the analytical method independent of matrix effects. The LCS recoveries were within the laboratory specified QC limits.

Matrix Spike/Matrix Spike Duplicates (MS/MSDs)

MS/MSDs are analyzed to determine the effects of sample matrix on the measurement methodology. MS/MSD data were provided from batch analysis. Samples CS9-PZ-68 and CS9-MW-109 were analyzed as MS/MSDs are indicated in Table 1. MS/MSD recoveries and RPDs were within the laboratory specified QC limits.

Field Duplicates

Field duplicates are collected to assess the overall precision of field sampling and laboratory analysis. Field duplicate precision is summarized below. RPDs were within the 30 percent limit for groundwater and were acceptable.

Field Duplicate Results

Compound	Units	LOQ	Sample Concentration	Field Duplicate Concentration	RPD (%)
CS6-MW-114/ CS6-MW-114D:					
cis-1,2-Dichloroethene	ug/L	1.0	49	49.1	0.20
Tetrachloroethene	ug/L	1.0	1	1.1	9.52
trans-1,2-Dichloroethene	ug/L	1.0	5.8	5.9	1.71
Trichloroethene	ug/L	1.0	270	273	1.10
Vinyl chloride	ug/L	1.0	5.5	5.8	5.31
CS10-MW-108/CS10-MW-108D:					
VOCs	ug/L	--	ND	ND	--

Pace Analytical Services, Inc.
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April 22, 2016

Lanette Altenbach
AECOM, Inc.- MILWAUKEE
1555 N River Center Drive
Suite 214
Milwaukee, WI 53212

RE: Project: 60342701 KEP
Pace Project No.: 40131029

Dear Lanette Altenbach:
Enclosed are the analytical results for sample(s) received by the laboratory on April 19, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,

Christopher Hyska
christopher.hyska@pacelabs.com
Project Manager

Enclosures

cc: Ken Brown, AECOM, Inc. - MILWAUKEE
Sarah Engelhardt, AECOM, Inc. - MILWAUKEE

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 60342701 KEP
Pace Project No.: 40131029

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
Virginia VELAP ID: 460263
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Virginia VELAP ID: 460263
Virginia VELAP Certification ID: 460263
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 60342701 KEP
Pace Project No.: 40131029

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40131029001	**MW-808**	Water	04/14/16 08:51	04/19/16 09:20
40131029002	**MW-809**	Water	04/14/16 09:58	04/19/16 09:20
40131029003	**CS9-MW-68**	Water	04/14/16 11:11	04/19/16 09:20
40131029004	**CS9-PZ-68**	Water	04/14/16 11:01	04/19/16 09:20
40131029005	**CS7-MW-117**	Water	04/14/16 12:05	04/19/16 09:20
40131029006	**CS7-PZ-117**	Water	04/14/16 12:19	04/19/16 09:20
40131029007	**CS8-MW-116**	Water	04/14/16 13:17	04/19/16 09:20
40131029008	**CS8-PZ-116**	Water	04/14/16 13:16	04/19/16 09:20
40131029009	**CS7-MW-111**	Water	04/14/16 14:18	04/19/16 09:20
40131029010	**CS8-MW-110**	Water	04/14/16 14:00	04/19/16 09:20
40131029011	**CS10-MW-44**	Water	04/14/16 15:14	04/19/16 09:20
40131029012	**CS10-MW-108**	Water	04/14/16 15:05	04/19/16 09:20
40131029013	**CS10-MW-108D**	Water	04/14/16 15:05	04/19/16 09:20
40131029014	**CS2-MW-105**	Water	04/14/16 15:53	04/19/16 09:20
40131029015	**CS6-MW-115**	Water	04/15/16 09:26	04/19/16 09:20
40131029016	**CS6-MW-114**	Water	04/15/16 09:27	04/19/16 09:20
40131029017	**CS6-MW-114D**	Water	04/15/16 09:27	04/19/16 09:20
40131029018	**CS6-PZ-118**	Water	04/15/16 10:28	04/19/16 09:20
40131029019	**CS6-MW-113**	Water	04/15/16 10:05	04/19/16 09:20
40131029020	**CS7-MW-112**	Water	04/15/16 11:14	04/19/16 09:20
40131029021	**CS9-MW-109**	Water	04/15/16 11:13	04/19/16 09:20
40131029022	**CS3-MW-102**	Water	04/15/16 12:09	04/19/16 09:20
40131029023	**CS5-MW-101**	Water	04/15/16 12:09	04/19/16 09:20
40131029024	**TRIP BLANK**	Water	04/14/16 08:00	04/19/16 09:20

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 60342701 KEP
Pace Project No.: 40131029

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40131029001	MW-808	EPA 8260	HNW	63	PASI-G
40131029002	MW-809	EPA 8260	HNW	63	PASI-G
40131029003	CS9-MW-68	EPA 8260	HNW	63	PASI-G
40131029004	CS9-PZ-68	EPA 8260	HNW	63	PASI-G
40131029005	CS7-MW-117	EPA 8260	HNW	63	PASI-G
40131029006	CS7-PZ-117	EPA 8260	HNW	63	PASI-G
40131029007	CS8-MW-116	EPA 8260	HNW	63	PASI-G
40131029008	CS8-PZ-116	EPA 8260	HNW	63	PASI-G
40131029009	CS7-MW-111	EPA 8260	HNW	63	PASI-G
40131029010	CS8-MW-110	EPA 8260	HNW	63	PASI-G
40131029011	CS10-MW-44	EPA 8260	HNW	63	PASI-G
40131029012	CS10-MW-108	EPA 8260	HNW	63	PASI-G
40131029013	CS10-MW-108D	EPA 8260	HNW	63	PASI-G
40131029014	CS2-MW-105	EPA 8260	HNW	63	PASI-G
40131029015	CS6-MW-115	EPA 8260	HNW	63	PASI-G
40131029016	CS6-MW-114	EPA 8260	HNW	63	PASI-G
40131029017	CS6-MW-114D	EPA 8260	HNW	63	PASI-G
40131029018	CS6-PZ-118	EPA 8260	HNW	63	PASI-G
40131029019	CS6-MW-113	EPA 8260	HNW	63	PASI-G
40131029020	CS7-MW-112	EPA 8260	HNW	63	PASI-G
40131029021	CS9-MW-109	EPA 8260	HNW	63	PASI-G
40131029022	CS3-MW-102	EPA 8260	HNW	63	PASI-G
40131029023	CS5-MW-101	EPA 8260	HNW	63	PASI-G
40131029024	TRIP BLANK	EPA 8260	HNW	63	PASI-G

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: MW-808 **Lab ID: 40131029001** Collected: 04/14/16 08:51 Received: 04/19/16 09:20 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		04/21/16 08:44	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 08:44	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 08:44	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 08:44	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 08:44	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:44	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 08:44	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 08:44	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 08:44	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 08:44	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:44	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 08:44	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 08:44	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 08:44	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 08:44	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 08:44	75-35-4	
cis-1,2-Dichloroethene	**0.29J**	ug/L	1.0	0.26	1		04/21/16 08:44	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 08:44	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 08:44	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 08:44	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 08:44	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 08:44	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 08:44	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 08:44	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 08:44	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 08:44	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 08:44	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:44	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: MW-808 **Lab ID: 40131029001** Collected: 04/14/16 08:51 Received: 04/19/16 09:20 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		04/21/16 08:44	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 08:44	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 08:44	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 08:44	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 08:44	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:44	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:44	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:44	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 08:44	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		04/21/16 08:44	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		04/21/16 08:44	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/21/16 08:44	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: MW-809 **Lab ID: 40131029002** Collected: 04/14/16 09:58 Received: 04/19/16 09:20 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		04/21/16 09:06	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:06	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 09:06	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 09:06	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 09:06	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:06	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 09:06	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 09:06	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 09:06	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 09:06	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:06	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 09:06	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 09:06	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 09:06	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 09:06	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 09:06	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 09:06	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 09:06	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:06	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 09:06	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 09:06	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:06	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 09:06	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 09:06	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:06	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 09:06	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 09:06	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:06	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: MW-809 **Lab ID: 40131029002** Collected: 04/14/16 09:58 Received: 04/19/16 09:20 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		04/21/16 09:06	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 09:06	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 09:06	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 09:06	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 09:06	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:06	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:06	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:06	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 09:06	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/21/16 09:06	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		04/21/16 09:06	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/21/16 09:06	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS9-MW-68 **Lab ID: 40131029003** Collected: 04/14/16 11:11 Received: 04/19/16 09:20 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		04/21/16 09:28	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:28	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 09:28	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 09:28	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 09:28	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:28	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 09:28	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 09:28	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 09:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 09:28	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:28	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 09:28	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 09:28	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 09:28	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 09:28	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 09:28	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 09:28	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 09:28	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:28	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 09:28	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 09:28	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:28	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 09:28	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 09:28	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:28	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 09:28	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 09:28	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:28	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS9-MW-68 **Lab ID: 40131029003** Collected: 04/14/16 11:11 Received: 04/19/16 09:20 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		04/21/16 09:28	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 09:28	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 09:28	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 09:28	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 09:28	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:28	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:28	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:28	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 09:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/21/16 09:28	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		04/21/16 09:28	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/21/16 09:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS9-PZ-68 **Lab ID: 40131029004** Collected: 04/14/16 11:01 Received: 04/19/16 09:20 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		04/21/16 08:21	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 08:21	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 08:21	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 08:21	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 08:21	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:21	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 08:21	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 08:21	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 08:21	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 08:21	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:21	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 08:21	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 08:21	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 08:21	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 08:21	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 08:21	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 08:21	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 08:21	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 08:21	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 08:21	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 08:21	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 08:21	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 08:21	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 08:21	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 08:21	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 08:21	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 08:21	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:21	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS9-PZ-68 **Lab ID: 40131029004** Collected: 04/14/16 11:01 Received: 04/19/16 09:20 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		04/21/16 08:21	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 08:21	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 08:21	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 08:21	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 08:21	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:21	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 08:21	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 08:21	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 08:21	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/21/16 08:21	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		04/21/16 08:21	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/21/16 08:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS7-MW-117 **Lab ID: 40131029005** Collected: 04/14/16 12:05 Received: 04/19/16 09:20 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		04/21/16 09:51	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:51	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 09:51	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 09:51	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 09:51	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:51	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 09:51	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 09:51	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 09:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 09:51	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:51	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 09:51	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 09:51	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 09:51	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 09:51	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 09:51	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 09:51	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 09:51	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:51	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 09:51	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 09:51	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:51	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 09:51	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 09:51	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 09:51	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 09:51	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 09:51	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:51	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS7-MW-117 **Lab ID: 40131029005** Collected: 04/14/16 12:05 Received: 04/19/16 09:20 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		04/21/16 09:51	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 09:51	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 09:51	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 09:51	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 09:51	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:51	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 09:51	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 09:51	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 09:51	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/21/16 09:51	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		04/21/16 09:51	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/21/16 09:51	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS7-PZ-117 **Lab ID: 40131029006** Collected: 04/14/16 12:19 Received: 04/19/16 09:20 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		04/21/16 10:13	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:13	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 10:13	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 10:13	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 10:13	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:13	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 10:13	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 10:13	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 10:13	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 10:13	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:13	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 10:13	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 10:13	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 10:13	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 10:13	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 10:13	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 10:13	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 10:13	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:13	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 10:13	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 10:13	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:13	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 10:13	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 10:13	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:13	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 10:13	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 10:13	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:13	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS7-PZ-117 **Lab ID: 40131029006** Collected: 04/14/16 12:19 Received: 04/19/16 09:20 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		04/21/16 10:13	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 10:13	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 10:13	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 10:13	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 10:13	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:13	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:13	108-67-8	
Vinyl chloride	**0.51J**	ug/L	1.0	0.18	1		04/21/16 10:13	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 10:13	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/21/16 10:13	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/21/16 10:13	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/21/16 10:13	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS8-MW-116 **Lab ID: 40131029007** Collected: 04/14/16 13:17 Received: 04/19/16 09:20 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		04/21/16 10:36	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:36	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 10:36	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 10:36	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 10:36	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:36	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 10:36	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 10:36	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 10:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 10:36	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:36	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 10:36	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 10:36	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 10:36	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 10:36	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 10:36	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 10:36	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 10:36	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:36	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 10:36	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 10:36	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:36	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 10:36	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 10:36	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:36	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 10:36	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 10:36	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:36	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS8-MW-116 **Lab ID: 40131029007** Collected: 04/14/16 13:17 Received: 04/19/16 09:20 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		04/21/16 10:36	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 10:36	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 10:36	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 10:36	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 10:36	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:36	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:36	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:36	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 10:36	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/21/16 10:36	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		04/21/16 10:36	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/21/16 10:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS8-PZ-116 **Lab ID: 40131029008** Collected: 04/14/16 13:16 Received: 04/19/16 09:20 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		04/21/16 10:58	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:58	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 10:58	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 10:58	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 10:58	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:58	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 10:58	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 10:58	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 10:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 10:58	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:58	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 10:58	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 10:58	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 10:58	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 10:58	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 10:58	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 10:58	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 10:58	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:58	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 10:58	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 10:58	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:58	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 10:58	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 10:58	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 10:58	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 10:58	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 10:58	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:58	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS8-PZ-116 **Lab ID: 40131029008** Collected: 04/14/16 13:16 Received: 04/19/16 09:20 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		04/21/16 10:58	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 10:58	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 10:58	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 10:58	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 10:58	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 10:58	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 10:58	108-67-8	
Vinyl chloride	**0.32J**	ug/L	1.0	0.18	1		04/21/16 10:58	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 10:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/21/16 10:58	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/21/16 10:58	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/21/16 10:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS7-MW-111 **Lab ID: 40131029009** Collected: 04/14/16 14:18 Received: 04/19/16 09:20 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		04/21/16 13:20	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 13:20	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 13:20	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 13:20	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 13:20	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:20	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 13:20	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 13:20	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 13:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 13:20	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:20	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 13:20	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 13:20	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 13:20	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 13:20	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 13:20	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 13:20	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 13:20	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 13:20	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 13:20	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 13:20	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 13:20	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 13:20	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 13:20	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 13:20	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 13:20	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 13:20	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:20	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS7-MW-111 **Lab ID: 40131029009** Collected: 04/14/16 14:18 Received: 04/19/16 09:20 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		04/21/16 13:20	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 13:20	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 13:20	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 13:20	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 13:20	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:20	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:20	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:20	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 13:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/21/16 13:20	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/21/16 13:20	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/21/16 13:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS8-MW-110 **Lab ID: 40131029010** Collected: 04/14/16 14:00 Received: 04/19/16 09:20 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		04/21/16 13:43	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 13:43	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 13:43	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 13:43	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 13:43	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:43	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 13:43	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 13:43	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 13:43	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 13:43	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:43	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 13:43	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 13:43	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 13:43	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 13:43	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 13:43	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 13:43	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 13:43	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 13:43	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 13:43	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 13:43	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 13:43	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 13:43	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 13:43	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 13:43	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 13:43	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 13:43	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:43	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS8-MW-110 **Lab ID: 40131029010** Collected: 04/14/16 14:00 Received: 04/19/16 09:20 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		04/21/16 13:43	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 13:43	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 13:43	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 13:43	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 13:43	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:43	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 13:43	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 13:43	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 13:43	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/21/16 13:43	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		04/21/16 13:43	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/21/16 13:43	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS10-MW-44 **Lab ID: 40131029011** Collected: 04/14/16 15:14 Received: 04/19/16 09:20 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		04/21/16 14:05	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:05	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 14:05	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 14:05	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 14:05	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:05	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 14:05	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 14:05	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 14:05	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 14:05	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:05	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 14:05	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 14:05	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 14:05	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 14:05	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 14:05	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 14:05	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 14:05	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:05	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 14:05	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 14:05	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:05	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 14:05	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 14:05	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:05	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 14:05	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 14:05	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:05	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS10-MW-44 **Lab ID: 40131029011** Collected: 04/14/16 15:14 Received: 04/19/16 09:20 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		04/21/16 14:05	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 14:05	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 14:05	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 14:05	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 14:05	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:05	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:05	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:05	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 14:05	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/21/16 14:05	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		04/21/16 14:05	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/21/16 14:05	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS10-MW-108 **Lab ID: 40131029012** Collected: 04/14/16 15:05 Received: 04/19/16 09:20 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		04/21/16 14:28	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:28	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 14:28	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 14:28	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 14:28	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:28	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 14:28	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 14:28	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 14:28	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 14:28	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:28	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 14:28	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 14:28	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 14:28	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 14:28	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 14:28	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 14:28	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 14:28	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:28	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 14:28	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 14:28	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:28	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 14:28	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 14:28	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:28	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 14:28	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 14:28	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:28	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS10-MW-108 **Lab ID: 40131029012** Collected: 04/14/16 15:05 Received: 04/19/16 09:20 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		04/21/16 14:28	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 14:28	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 14:28	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 14:28	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 14:28	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:28	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:28	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:28	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 14:28	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/21/16 14:28	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		04/21/16 14:28	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/21/16 14:28	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS10-MW-108D **Lab ID: 40131029013** Collected: 04/14/16 15:05 Received: 04/19/16 09:20 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		04/21/16 14:50	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:50	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 14:50	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 14:50	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 14:50	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:50	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 14:50	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 14:50	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 14:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 14:50	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:50	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 14:50	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 14:50	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 14:50	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 14:50	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 14:50	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 14:50	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 14:50	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:50	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 14:50	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 14:50	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:50	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 14:50	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 14:50	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 14:50	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 14:50	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 14:50	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:50	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS10-MW-108D **Lab ID: 40131029013** Collected: 04/14/16 15:05 Received: 04/19/16 09:20 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		04/21/16 14:50	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 14:50	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 14:50	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 14:50	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 14:50	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:50	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 14:50	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 14:50	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 14:50	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/21/16 14:50	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		04/21/16 14:50	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/21/16 14:50	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS2-MW-105 **Lab ID: 40131029014** Collected: 04/14/16 15:53 Received: 04/19/16 09:20 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		04/21/16 15:12	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 15:12	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 15:12	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 15:12	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 15:12	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:12	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 15:12	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 15:12	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 15:12	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 15:12	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:12	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 15:12	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 15:12	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 15:12	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 15:12	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 15:12	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 15:12	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 15:12	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 15:12	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 15:12	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 15:12	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 15:12	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 15:12	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 15:12	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 15:12	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 15:12	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 15:12	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:12	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS2-MW-105 **Lab ID: 40131029014** Collected: 04/14/16 15:53 Received: 04/19/16 09:20 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		04/21/16 15:12	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 15:12	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 15:12	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 15:12	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 15:12	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:12	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:12	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:12	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 15:12	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	87	%	70-130		1		04/21/16 15:12	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		04/21/16 15:12	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/21/16 15:12	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-MW-115 **Lab ID: 40131029015** Collected: 04/15/16 09:26 Received: 04/19/16 09:20 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		04/21/16 15:35	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 15:35	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/21/16 15:35	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/21/16 15:35	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 15:35	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:35	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/21/16 15:35	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/21/16 15:35	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/21/16 15:35	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/21/16 15:35	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:35	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/21/16 15:35	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/21/16 15:35	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/21/16 15:35	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/21/16 15:35	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/21/16 15:35	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 15:35	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/21/16 15:35	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/21/16 15:35	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/21/16 15:35	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/21/16 15:35	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/21/16 15:35	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 15:35	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/21/16 15:35	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/21/16 15:35	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/21/16 15:35	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/21/16 15:35	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:35	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-MW-115 **Lab ID: 40131029015** Collected: 04/15/16 09:26 Received: 04/19/16 09:20 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		04/21/16 15:35	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/21/16 15:35	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/21/16 15:35	120-82-1	
1,1,1-Trichloroethane	**0.77J**	ug/L	1.0	0.50	1		04/21/16 15:35	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/21/16 15:35	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/21/16 15:35	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:35	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/21/16 15:35	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/21/16 15:35	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/21/16 15:35	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/21/16 15:35	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		04/21/16 15:35	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/21/16 15:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-MW-114 **Lab ID: 40131029016** Collected: 04/15/16 09:27 Received: 04/19/16 09:20 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		04/22/16 02:09	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 02:09	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/22/16 02:09	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/22/16 02:09	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 02:09	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/22/16 02:09	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/22/16 02:09	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/22/16 02:09	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/22/16 02:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/22/16 02:09	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/22/16 02:09	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/22/16 02:09	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/22/16 02:09	75-71-8	
1,1-Dichloroethane	**5.8**	ug/L	1.0	0.24	1		04/22/16 02:09	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/22/16 02:09	107-06-2	
1,1-Dichloroethene	**0.82J**	ug/L	1.0	0.41	1		04/22/16 02:09	75-35-4	
cis-1,2-Dichloroethene	**49.0**	ug/L	1.0	0.26	1		04/22/16 02:09	156-59-2	
trans-1,2-Dichloroethene	**5.8**	ug/L	1.0	0.26	1		04/22/16 02:09	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/22/16 02:09	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/22/16 02:09	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/22/16 02:09	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 02:09	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 02:09	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/22/16 02:09	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/22/16 02:09	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/22/16 02:09	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/22/16 02:09	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 02:09	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-MW-114 **Lab ID: 40131029016** Collected: 04/15/16 09:27 Received: 04/19/16 09:20 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		04/22/16 02:09	79-34-5	
Tetrachloroethene	**1.0**	ug/L	1.0	0.50	1		04/22/16 02:09	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 02:09	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 02:09	120-82-1	
1,1,1-Trichloroethane	**16.1**	ug/L	1.0	0.50	1		04/22/16 02:09	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/22/16 02:09	79-00-5	
Trichloroethene	**270**	ug/L	1.0	0.33	1		04/22/16 02:09	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 02:09	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:09	108-67-8	
Vinyl chloride	**5.5**	ug/L	1.0	0.18	1		04/22/16 02:09	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/22/16 02:09	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/22/16 02:09	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		04/22/16 02:09	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/22/16 02:09	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-MW-114D **Lab ID: 40131029017** Collected: 04/15/16 09:27 Received: 04/19/16 09:20 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		04/22/16 02:31	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 02:31	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/22/16 02:31	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/22/16 02:31	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 02:31	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/22/16 02:31	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/22/16 02:31	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/22/16 02:31	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/22/16 02:31	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/22/16 02:31	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/22/16 02:31	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/22/16 02:31	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/22/16 02:31	75-71-8	
1,1-Dichloroethane	**5.7**	ug/L	1.0	0.24	1		04/22/16 02:31	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/22/16 02:31	107-06-2	
1,1-Dichloroethene	**0.85J**	ug/L	1.0	0.41	1		04/22/16 02:31	75-35-4	
cis-1,2-Dichloroethene	**49.1**	ug/L	1.0	0.26	1		04/22/16 02:31	156-59-2	
trans-1,2-Dichloroethene	**5.9**	ug/L	1.0	0.26	1		04/22/16 02:31	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/22/16 02:31	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/22/16 02:31	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/22/16 02:31	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 02:31	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 02:31	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/22/16 02:31	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/22/16 02:31	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/22/16 02:31	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/22/16 02:31	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 02:31	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-MW-114D **Lab ID: 40131029017** Collected: 04/15/16 09:27 Received: 04/19/16 09:20 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		04/22/16 02:31	79-34-5	
Tetrachloroethene	**1.1**	ug/L	1.0	0.50	1		04/22/16 02:31	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 02:31	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 02:31	120-82-1	
1,1,1-Trichloroethane	**15.9**	ug/L	1.0	0.50	1		04/22/16 02:31	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/22/16 02:31	79-00-5	
Trichloroethene	**273**	ug/L	1.0	0.33	1		04/22/16 02:31	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 02:31	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 02:31	108-67-8	
Vinyl chloride	**5.8**	ug/L	1.0	0.18	1		04/22/16 02:31	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/22/16 02:31	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/22/16 02:31	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		1		04/22/16 02:31	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/22/16 02:31	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-PZ-118 **Lab ID: 40131029018** Collected: 04/15/16 10:28 Received: 04/19/16 09:20 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		04/22/16 07:29	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 07:29	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/22/16 07:29	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/22/16 07:29	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 07:29	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/22/16 07:29	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/22/16 07:29	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/22/16 07:29	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/22/16 07:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/22/16 07:29	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/22/16 07:29	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/22/16 07:29	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/22/16 07:29	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/22/16 07:29	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/22/16 07:29	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/22/16 07:29	75-35-4	
cis-1,2-Dichloroethene	**8.9**	ug/L	1.0	0.26	1		04/22/16 07:29	156-59-2	
trans-1,2-Dichloroethene	**0.31J**	ug/L	1.0	0.26	1		04/22/16 07:29	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/22/16 07:29	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/22/16 07:29	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/22/16 07:29	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 07:29	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 07:29	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/22/16 07:29	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/22/16 07:29	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/22/16 07:29	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/22/16 07:29	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 07:29	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-PZ-118 **Lab ID: 40131029018** Collected: 04/15/16 10:28 Received: 04/19/16 09:20 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		04/22/16 07:29	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 07:29	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 07:29	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/22/16 07:29	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/22/16 07:29	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 07:29	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 07:29	108-67-8	
Vinyl chloride	**14.6**	ug/L	1.0	0.18	1		04/22/16 07:29	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/22/16 07:29	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/22/16 07:29	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		04/22/16 07:29	1868-53-7	
Toluene-d8 (S)	97	%	70-130		1		04/22/16 07:29	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-MW-113 **Lab ID: 40131029019** Collected: 04/15/16 10:05 Received: 04/19/16 09:20 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		04/22/16 03:16	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 03:16	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/22/16 03:16	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/22/16 03:16	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 03:16	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:16	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/22/16 03:16	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/22/16 03:16	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/22/16 03:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/22/16 03:16	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:16	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/22/16 03:16	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/22/16 03:16	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/22/16 03:16	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/22/16 03:16	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/22/16 03:16	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/22/16 03:16	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/22/16 03:16	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/22/16 03:16	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/22/16 03:16	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/22/16 03:16	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 03:16	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 03:16	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/22/16 03:16	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/22/16 03:16	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/22/16 03:16	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/22/16 03:16	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:16	630-20-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS6-MW-113 **Lab ID: 40131029019** Collected: 04/15/16 10:05 Received: 04/19/16 09:20 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		04/22/16 03:16	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 03:16	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 03:16	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/22/16 03:16	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/22/16 03:16	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:16	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:16	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:16	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/22/16 03:16	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	88	%	70-130		1		04/22/16 03:16	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/22/16 03:16	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/22/16 03:16	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS7-MW-112 **Lab ID: 40131029020** Collected: 04/15/16 11:14 Received: 04/19/16 09:20 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		04/22/16 03:38	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 03:38	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/22/16 03:38	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/22/16 03:38	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 03:38	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:38	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/22/16 03:38	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/22/16 03:38	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/22/16 03:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/22/16 03:38	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:38	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/22/16 03:38	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/22/16 03:38	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/22/16 03:38	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/22/16 03:38	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/22/16 03:38	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/22/16 03:38	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/22/16 03:38	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/22/16 03:38	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/22/16 03:38	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/22/16 03:38	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/22/16 03:38	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 03:38	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/22/16 03:38	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/22/16 03:38	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/22/16 03:38	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/22/16 03:38	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:38	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS7-MW-112 **Lab ID: 40131029020** Collected: 04/15/16 11:14 Received: 04/19/16 09:20 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		04/22/16 03:38	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/22/16 03:38	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/22/16 03:38	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/22/16 03:38	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/22/16 03:38	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:38	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/22/16 03:38	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/22/16 03:38	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/22/16 03:38	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/22/16 03:38	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/22/16 03:38	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/22/16 03:38	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS9-MW-109 **Lab ID: 40131029021** Collected: 04/15/16 11:13 Received: 04/19/16 09:20 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		04/20/16 21:36	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/20/16 21:36	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/20/16 21:36	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/20/16 21:36	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/20/16 21:36	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:36	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/20/16 21:36	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/20/16 21:36	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/20/16 21:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/20/16 21:36	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:36	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/20/16 21:36	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/20/16 21:36	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/20/16 21:36	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/20/16 21:36	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/20/16 21:36	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/20/16 21:36	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/20/16 21:36	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/20/16 21:36	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/20/16 21:36	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/20/16 21:36	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/20/16 21:36	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/20/16 21:36	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/20/16 21:36	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/20/16 21:36	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/20/16 21:36	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/20/16 21:36	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:36	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS9-MW-109 **Lab ID: 40131029021** Collected: 04/15/16 11:13 Received: 04/19/16 09:20 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		04/20/16 21:36	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/20/16 21:36	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/20/16 21:36	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/20/16 21:36	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/20/16 21:36	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:36	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:36	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:36	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/20/16 21:36	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/20/16 21:36	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		04/20/16 21:36	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/20/16 21:36	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS3-MW-102 **Lab ID: 40131029022** Collected: 04/15/16 12:09 Received: 04/19/16 09:20 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		04/20/16 21:58	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/20/16 21:58	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/20/16 21:58	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/20/16 21:58	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/20/16 21:58	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:58	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/20/16 21:58	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/20/16 21:58	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/20/16 21:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/20/16 21:58	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:58	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/20/16 21:58	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/20/16 21:58	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/20/16 21:58	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/20/16 21:58	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/20/16 21:58	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/20/16 21:58	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/20/16 21:58	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/20/16 21:58	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/20/16 21:58	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/20/16 21:58	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/20/16 21:58	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/20/16 21:58	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/20/16 21:58	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/20/16 21:58	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/20/16 21:58	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/20/16 21:58	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:58	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS3-MW-102 **Lab ID: 40131029022** Collected: 04/15/16 12:09 Received: 04/19/16 09:20 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		04/20/16 21:58	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/20/16 21:58	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/20/16 21:58	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/20/16 21:58	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/20/16 21:58	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:58	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 21:58	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/20/16 21:58	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/20/16 21:58	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		04/20/16 21:58	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		04/20/16 21:58	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		04/20/16 21:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS5-MW-101 **Lab ID: 40131029023** Collected: 04/15/16 12:09 Received: 04/19/16 09:20 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		04/20/16 22:20	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/20/16 22:20	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/20/16 22:20	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/20/16 22:20	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/20/16 22:20	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/20/16 22:20	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/20/16 22:20	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/20/16 22:20	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/20/16 22:20	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/20/16 22:20	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/20/16 22:20	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/20/16 22:20	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/20/16 22:20	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/20/16 22:20	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/20/16 22:20	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/20/16 22:20	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/20/16 22:20	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/20/16 22:20	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/20/16 22:20	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/20/16 22:20	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/20/16 22:20	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/20/16 22:20	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/20/16 22:20	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/20/16 22:20	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/20/16 22:20	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/20/16 22:20	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/20/16 22:20	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/20/16 22:20	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: CS5-MW-101 **Lab ID: 40131029023** Collected: 04/15/16 12:09 Received: 04/19/16 09:20 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		04/20/16 22:20	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/20/16 22:20	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/20/16 22:20	120-82-1	
1,1,1-Trichloroethane	**0.51J**	ug/L	1.0	0.50	1		04/20/16 22:20	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/20/16 22:20	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/20/16 22:20	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/20/16 22:20	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 22:20	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/20/16 22:20	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/20/16 22:20	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/20/16 22:20	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		04/20/16 22:20	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		04/20/16 22:20	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: TRIP BLANK **Lab ID: 40131029024** Collected: 04/14/16 08:00 Received: 04/19/16 09:20 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		04/20/16 23:27	71-43-2	
Bromobenzene	**<0.23**	ug/L	1.0	0.23	1		04/20/16 23:27	108-86-1	
Bromochloromethane	**<0.34**	ug/L	1.0	0.34	1		04/20/16 23:27	74-97-5	
Bromodichloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	75-27-4	
Bromoform	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	75-25-2	
Bromomethane	**<2.4**	ug/L	5.0	2.4	1		04/20/16 23:27	74-83-9	
n-Butylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	104-51-8	
sec-Butylbenzene	**<2.2**	ug/L	5.0	2.2	1		04/20/16 23:27	135-98-8	
tert-Butylbenzene	**<0.18**	ug/L	1.0	0.18	1		04/20/16 23:27	98-06-6	
Carbon tetrachloride	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	56-23-5	
Chlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	108-90-7	
Chloroethane	**<0.37**	ug/L	1.0	0.37	1		04/20/16 23:27	75-00-3	
Chloroform	**<2.5**	ug/L	5.0	2.5	1		04/20/16 23:27	67-66-3	
Chloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	74-87-3	
2-Chlorotoluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	95-49-8	
4-Chlorotoluene	**<0.21**	ug/L	1.0	0.21	1		04/20/16 23:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.2**	ug/L	5.0	2.2	1		04/20/16 23:27	96-12-8	
Dibromochloromethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.18**	ug/L	1.0	0.18	1		04/20/16 23:27	106-93-4	
Dibromomethane	**<0.43**	ug/L	1.0	0.43	1		04/20/16 23:27	74-95-3	
1,2-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	95-50-1	
1,3-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	541-73-1	
1,4-Dichlorobenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	106-46-7	
Dichlorodifluoromethane	**<0.22**	ug/L	1.0	0.22	1		04/20/16 23:27	75-71-8	
1,1-Dichloroethane	**<0.24**	ug/L	1.0	0.24	1		04/20/16 23:27	75-34-3	
1,2-Dichloroethane	**<0.17**	ug/L	1.0	0.17	1		04/20/16 23:27	107-06-2	
1,1-Dichloroethene	**<0.41**	ug/L	1.0	0.41	1		04/20/16 23:27	75-35-4	
cis-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/20/16 23:27	156-59-2	
trans-1,2-Dichloroethene	**<0.26**	ug/L	1.0	0.26	1		04/20/16 23:27	156-60-5	
1,2-Dichloropropane	**<0.23**	ug/L	1.0	0.23	1		04/20/16 23:27	78-87-5	
1,3-Dichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	142-28-9	
2,2-Dichloropropane	**<0.48**	ug/L	1.0	0.48	1		04/20/16 23:27	594-20-7	
1,1-Dichloropropene	**<0.44**	ug/L	1.0	0.44	1		04/20/16 23:27	563-58-6	
cis-1,3-Dichloropropene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.23**	ug/L	1.0	0.23	1		04/20/16 23:27	10061-02-6	
Diisopropyl ether	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	108-20-3	
Ethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	100-41-4	
Hexachloro-1,3-butadiene	**<2.1**	ug/L	5.0	2.1	1		04/20/16 23:27	87-68-3	
Isopropylbenzene (Cumene)	**<0.14**	ug/L	1.0	0.14	1		04/20/16 23:27	98-82-8	
p-Isopropyltoluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	99-87-6	
Methylene Chloride	**<0.23**	ug/L	1.0	0.23	1		04/20/16 23:27	75-09-2	
Methyl-tert-butyl ether	**<0.17**	ug/L	1.0	0.17	1		04/20/16 23:27	1634-04-4	
Naphthalene	**<2.5**	ug/L	5.0	2.5	1		04/20/16 23:27	91-20-3	
n-Propylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	103-65-1	
Styrene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.18**	ug/L	1.0	0.18	1		04/20/16 23:27	630-20-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60342701 KEP
Pace Project No.: 40131029

Sample: TRIP BLANK **Lab ID: 40131029024** Collected: 04/14/16 08:00 Received: 04/19/16 09:20 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		04/20/16 23:27	79-34-5	
Tetrachloroethene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	127-18-4	
Toluene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	108-88-3	
1,2,3-Trichlorobenzene	**<2.1**	ug/L	5.0	2.1	1		04/20/16 23:27	87-61-6	
1,2,4-Trichlorobenzene	**<2.2**	ug/L	5.0	2.2	1		04/20/16 23:27	120-82-1	
1,1,1-Trichloroethane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	71-55-6	
1,1,2-Trichloroethane	**<0.20**	ug/L	1.0	0.20	1		04/20/16 23:27	79-00-5	
Trichloroethene	**<0.33**	ug/L	1.0	0.33	1		04/20/16 23:27	79-01-6	
Trichlorofluoromethane	**<0.18**	ug/L	1.0	0.18	1		04/20/16 23:27	75-69-4	
1,2,3-Trichloropropane	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	96-18-4	
1,2,4-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.50**	ug/L	1.0	0.50	1		04/20/16 23:27	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		04/20/16 23:27	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		04/20/16 23:27	1330-20-7	
Surrogates									
4-Bromofluorobenzene (S)	89	%	70-130		1		04/20/16 23:27	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		1		04/20/16 23:27	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/20/16 23:27	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
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QUALITY CONTROL DATA

Project: 60342701 KEP
Pace Project No.: 40131029

QC Batch: MSV/33094 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40131029001, 40131029002, 40131029003, 40131029004, 40131029005, 40131029006, 40131029007, 40131029008, 40131029009, 40131029010, 40131029011, 40131029012, 40131029013, 40131029014, 40131029015, 40131029016, 40131029017, 40131029018, 40131029019, 40131029020

METHOD BLANK: 1322774 Matrix: Water
Associated Lab Samples: 40131029001, 40131029002, 40131029003, 40131029004, 40131029005, 40131029006, 40131029007, 40131029008, 40131029009, 40131029010, 40131029011, 40131029012, 40131029013, 40131029014, 40131029015, 40131029016, 40131029017, 40131029018, 40131029019, 40131029020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	04/21/16 06:29	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	04/21/16 06:29	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	04/21/16 06:29	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	04/21/16 06:29	
1,1-Dichloroethane	ug/L	<0.24	1.0	04/21/16 06:29	
1,1-Dichloroethene	ug/L	<0.41	1.0	04/21/16 06:29	
1,1-Dichloropropene	ug/L	<0.44	1.0	04/21/16 06:29	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	04/21/16 06:29	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	04/21/16 06:29	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	04/21/16 06:29	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	04/21/16 06:29	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	04/21/16 06:29	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	04/21/16 06:29	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	04/21/16 06:29	
1,2-Dichloroethane	ug/L	<0.17	1.0	04/21/16 06:29	
1,2-Dichloropropane	ug/L	<0.23	1.0	04/21/16 06:29	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	04/21/16 06:29	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	04/21/16 06:29	
1,3-Dichloropropane	ug/L	<0.50	1.0	04/21/16 06:29	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	04/21/16 06:29	
2,2-Dichloropropane	ug/L	<0.48	1.0	04/21/16 06:29	
2-Chlorotoluene	ug/L	<0.50	1.0	04/21/16 06:29	
4-Chlorotoluene	ug/L	<0.21	1.0	04/21/16 06:29	
Benzene	ug/L	<0.50	1.0	04/21/16 06:29	
Bromobenzene	ug/L	<0.23	1.0	04/21/16 06:29	
Bromochloromethane	ug/L	<0.34	1.0	04/21/16 06:29	
Bromodichloromethane	ug/L	<0.50	1.0	04/21/16 06:29	
Bromoform	ug/L	<0.50	1.0	04/21/16 06:29	
Bromomethane	ug/L	<2.4	5.0	04/21/16 06:29	
Carbon tetrachloride	ug/L	<0.50	1.0	04/21/16 06:29	
Chlorobenzene	ug/L	<0.50	1.0	04/21/16 06:29	
Chloroethane	ug/L	<0.37	1.0	04/21/16 06:29	
Chloroform	ug/L	<2.5	5.0	04/21/16 06:29	
Chloromethane	ug/L	<0.50	1.0	04/21/16 06:29	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	04/21/16 06:29	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	04/21/16 06:29	
Dibromochloromethane	ug/L	<0.50	1.0	04/21/16 06:29	
Dibromomethane	ug/L	<0.43	1.0	04/21/16 06:29	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60342701 KEP
Pace Project No.: 40131029

METHOD BLANK: 1322774 Matrix: Water

Associated Lab Samples: 40131029001, 40131029002, 40131029003, 40131029004, 40131029005, 40131029006, 40131029007, 40131029008, 40131029009, 40131029010, 40131029011, 40131029012, 40131029013, 40131029014, 40131029015, 40131029016, 40131029017, 40131029018, 40131029019, 40131029020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dichlorodifluoromethane	ug/L	<0.22	1.0	04/21/16 06:29	
Diisopropyl ether	ug/L	<0.50	1.0	04/21/16 06:29	
Ethylbenzene	ug/L	<0.50	1.0	04/21/16 06:29	
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	04/21/16 06:29	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	04/21/16 06:29	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	04/21/16 06:29	
Methylene Chloride	ug/L	<0.23	1.0	04/21/16 06:29	
n-Butylbenzene	ug/L	<0.50	1.0	04/21/16 06:29	
n-Propylbenzene	ug/L	<0.50	1.0	04/21/16 06:29	
Naphthalene	ug/L	<2.5	5.0	04/21/16 06:29	
p-Isopropyltoluene	ug/L	<0.50	1.0	04/21/16 06:29	
sec-Butylbenzene	ug/L	<2.2	5.0	04/21/16 06:29	
Styrene	ug/L	<0.50	1.0	04/21/16 06:29	
tert-Butylbenzene	ug/L	<0.18	1.0	04/21/16 06:29	
Tetrachloroethene	ug/L	<0.50	1.0	04/21/16 06:29	
Toluene	ug/L	<0.50	1.0	04/21/16 06:29	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	04/21/16 06:29	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	04/21/16 06:29	
Trichloroethene	ug/L	<0.33	1.0	04/21/16 06:29	
Trichlorofluoromethane	ug/L	<0.18	1.0	04/21/16 06:29	
Vinyl chloride	ug/L	<0.18	1.0	04/21/16 06:29	
Xylene (Total)	ug/L	<1.5	3.0	04/21/16 06:29	
4-Bromofluorobenzene (S)	%	91	70-130	04/21/16 06:29	
Dibromofluoromethane (S)	%	96	70-130	04/21/16 06:29	
Toluene-d8 (S)	%	99	70-130	04/21/16 06:29	

LABORATORY CONTROL SAMPLE: 1322775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	52.3	105	70-131	
1,1,2,2-Tetrachloroethane	ug/L	50	54.4	109	67-130	
1,1,2-Trichloroethane	ug/L	50	57.2	114	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	70-133	
1,1-Dichloroethene	ug/L	50	52.2	104	70-130	
1,2,4-Trichlorobenzene	ug/L	50	44.8	90	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	47.4	95	50-150	
1,2-Dibromoethane (EDB)	ug/L	50	53.4	107	70-130	
1,2-Dichlorobenzene	ug/L	50	52.6	105	70-130	
1,2-Dichloroethane	ug/L	50	51.8	104	70-130	
1,2-Dichloropropane	ug/L	50	56.9	114	70-130	
1,3-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,4-Dichlorobenzene	ug/L	50	52.9	106	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60342701 KEP
Pace Project No.: 40131029

LABORATORY CONTROL SAMPLE: 1322775

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	52.1	104	60-135	
Bromodichloromethane	ug/L	50	56.0	112	70-130	
Bromoform	ug/L	50	50.9	102	70-130	
Bromomethane	ug/L	50	43.0	86	33-130	
Carbon tetrachloride	ug/L	50	54.7	109	70-138	
Chlorobenzene	ug/L	50	54.1	108	70-130	
Chloroethane	ug/L	50	58.0	116	51-130	
Chloroform	ug/L	50	51.2	102	70-130	
Chloromethane	ug/L	50	65.2	130	25-132	
cis-1,2-Dichloroethene	ug/L	50	48.2	96	69-130	
cis-1,3-Dichloropropene	ug/L	50	46.9	94	70-130	
Dibromochloromethane	ug/L	50	50.5	101	70-130	
Dichlorodifluoromethane	ug/L	50	53.9	108	23-130	
Ethylbenzene	ug/L	50	54.9	110	70-136	
Isopropylbenzene (Cumene)	ug/L	50	54.3	109	70-140	
Methyl-tert-butyl ether	ug/L	50	44.8	90	66-138	
Methylene Chloride	ug/L	50	52.5	105	70-130	
Styrene	ug/L	50	58.8	118	70-133	
Tetrachloroethene	ug/L	50	53.1	106	70-138	
Toluene	ug/L	50	55.5	111	70-130	
trans-1,2-Dichloroethene	ug/L	50	51.3	103	70-131	
trans-1,3-Dichloropropene	ug/L	50	43.0	86	69-130	
Trichloroethene	ug/L	50	55.3	111	70-130	
Trichlorofluoromethane	ug/L	50	58.3	117	50-150	
Vinyl chloride	ug/L	50	63.5	127	49-130	
Xylene (Total)	ug/L	150	167	111	70-135	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			109	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1323370 1323371

Parameter	Units	40131029004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	51.4	51.2	103	102	70-134	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	55.5	55.1	111	110	67-130	1	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	56.6	55.9	113	112	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	52.5	52.4	105	105	70-134	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	53.3	53.3	107	107	68-136	0	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	47.5	47.7	95	95	62-139	0	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	48.3	47.3	97	95	50-150	2	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	54.1	54.3	108	109	70-130	0	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.9	52.8	106	106	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	51.9	51.7	104	103	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60342701 KEP
Pace Project No.: 40131029

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1323370 1323371

Parameter	Units	40131029004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	<0.23	50	50	54.8	56.4	110	113	70-130	3	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.1	52.2	104	104	70-131	0	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	53.9	54.6	108	109	70-130	1	20	
Benzene	ug/L	<0.50	50	50	51.9	52.0	104	104	57-138	0	20	
Bromodichloromethane	ug/L	<0.50	50	50	55.3	55.3	111	111	70-130	0	20	
Bromoform	ug/L	<0.50	50	50	50.8	50.8	102	102	70-130	0	20	
Bromomethane	ug/L	<2.4	50	50	46.3	48.7	93	97	33-130	5	27	
Carbon tetrachloride	ug/L	<0.50	50	50	54.3	54.3	109	109	70-138	0	20	
Chlorobenzene	ug/L	<0.50	50	50	54.0	54.4	108	109	70-130	1	20	
Chloroethane	ug/L	<0.37	50	50	58.3	58.5	117	117	51-130	0	20	
Chloroform	ug/L	<2.5	50	50	50.9	51.3	102	103	70-130	1	20	
Chloromethane	ug/L	<0.50	50	50	61.2	61.6	122	123	25-132	1	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	48.2	48.3	96	97	61-140	0	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	50.2	50.1	100	100	70-130	0	20	
Dibromochloromethane	ug/L	<0.50	50	50	50.6	50.6	101	101	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	48.6	48.8	97	98	23-130	1	20	
Ethylbenzene	ug/L	<0.50	50	50	54.4	54.9	109	110	70-138	1	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	54.8	54.5	110	109	70-152	1	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	45.4	44.6	91	89	66-139	2	20	
Methylene Chloride	ug/L	<0.23	50	50	53.0	52.7	106	105	70-130	1	20	
Styrene	ug/L	<0.50	50	50	58.0	58.3	116	117	70-138	0	20	
Tetrachloroethene	ug/L	<0.50	50	50	54.3	54.2	109	108	70-148	0	20	
Toluene	ug/L	<0.50	50	50	55.0	55.4	110	111	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	52.4	51.7	105	103	70-133	1	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	46.3	45.8	93	92	69-130	1	20	
Trichloroethene	ug/L	<0.33	50	50	54.7	55.0	109	110	70-131	1	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	58.2	58.3	116	117	50-150	0	20	
Vinyl chloride	ug/L	<0.18	50	50	61.3	61.6	123	123	49-133	0	20	
Xylene (Total)	ug/L	<1.5	150	150	168	167	112	111	70-135	0	20	
4-Bromofluorobenzene (S)	%						101	101	70-130			
Dibromofluoromethane (S)	%						105	98	70-130			
Toluene-d8 (S)	%						101	102	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60342701 KEP
Pace Project No.: 40131029

QC Batch: MSV/33102 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 40131029021, 40131029022, 40131029023, 40131029024

METHOD BLANK: 1322823 Matrix: Water
Associated Lab Samples: 40131029021, 40131029022, 40131029023, 40131029024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	1.0	04/20/16 15:15	
1,1,1-Trichloroethane	ug/L	<0.50	1.0	04/20/16 15:15	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	1.0	04/20/16 15:15	
1,1,2-Trichloroethane	ug/L	<0.20	1.0	04/20/16 15:15	
1,1-Dichloroethane	ug/L	<0.24	1.0	04/20/16 15:15	
1,1-Dichloroethene	ug/L	<0.41	1.0	04/20/16 15:15	
1,1-Dichloropropene	ug/L	<0.44	1.0	04/20/16 15:15	
1,2,3-Trichlorobenzene	ug/L	<2.1	5.0	04/20/16 15:15	
1,2,3-Trichloropropane	ug/L	<0.50	1.0	04/20/16 15:15	
1,2,4-Trichlorobenzene	ug/L	<2.2	5.0	04/20/16 15:15	
1,2,4-Trimethylbenzene	ug/L	<0.50	1.0	04/20/16 15:15	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	5.0	04/20/16 15:15	
1,2-Dibromoethane (EDB)	ug/L	<0.18	1.0	04/20/16 15:15	
1,2-Dichlorobenzene	ug/L	<0.50	1.0	04/20/16 15:15	
1,2-Dichloroethane	ug/L	<0.17	1.0	04/20/16 15:15	
1,2-Dichloropropane	ug/L	<0.23	1.0	04/20/16 15:15	
1,3,5-Trimethylbenzene	ug/L	<0.50	1.0	04/20/16 15:15	
1,3-Dichlorobenzene	ug/L	<0.50	1.0	04/20/16 15:15	
1,3-Dichloropropane	ug/L	<0.50	1.0	04/20/16 15:15	
1,4-Dichlorobenzene	ug/L	<0.50	1.0	04/20/16 15:15	
2,2-Dichloropropane	ug/L	<0.48	1.0	04/20/16 15:15	
2-Chlorotoluene	ug/L	<0.50	1.0	04/20/16 15:15	
4-Chlorotoluene	ug/L	<0.21	1.0	04/20/16 15:15	
Benzene	ug/L	<0.50	1.0	04/20/16 15:15	
Bromobenzene	ug/L	<0.23	1.0	04/20/16 15:15	
Bromochloromethane	ug/L	<0.34	1.0	04/20/16 15:15	
Bromodichloromethane	ug/L	<0.50	1.0	04/20/16 15:15	
Bromoform	ug/L	<0.50	1.0	04/20/16 15:15	
Bromomethane	ug/L	<2.4	5.0	04/20/16 15:15	
Carbon tetrachloride	ug/L	<0.50	1.0	04/20/16 15:15	
Chlorobenzene	ug/L	<0.50	1.0	04/20/16 15:15	
Chloroethane	ug/L	<0.37	1.0	04/20/16 15:15	
Chloroform	ug/L	<2.5	5.0	04/20/16 15:15	
Chloromethane	ug/L	<0.50	1.0	04/20/16 15:15	
cis-1,2-Dichloroethene	ug/L	<0.26	1.0	04/20/16 15:15	
cis-1,3-Dichloropropene	ug/L	<0.50	1.0	04/20/16 15:15	
Dibromochloromethane	ug/L	<0.50	1.0	04/20/16 15:15	
Dibromomethane	ug/L	<0.43	1.0	04/20/16 15:15	
Dichlorodifluoromethane	ug/L	<0.22	1.0	04/20/16 15:15	
Diisopropyl ether	ug/L	<0.50	1.0	04/20/16 15:15	
Ethylbenzene	ug/L	<0.50	1.0	04/20/16 15:15	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60342701 KEP
Pace Project No.: 40131029

METHOD BLANK: 1322823 Matrix: Water
Associated Lab Samples: 40131029021, 40131029022, 40131029023, 40131029024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<2.1	5.0	04/20/16 15:15	
Isopropylbenzene (Cumene)	ug/L	<0.14	1.0	04/20/16 15:15	
Methyl-tert-butyl ether	ug/L	<0.17	1.0	04/20/16 15:15	
Methylene Chloride	ug/L	<0.23	1.0	04/20/16 15:15	
n-Butylbenzene	ug/L	<0.50	1.0	04/20/16 15:15	
n-Propylbenzene	ug/L	<0.50	1.0	04/20/16 15:15	
Naphthalene	ug/L	<2.5	5.0	04/20/16 15:15	
p-Isopropyltoluene	ug/L	<0.50	1.0	04/20/16 15:15	
sec-Butylbenzene	ug/L	<2.2	5.0	04/20/16 15:15	
Styrene	ug/L	<0.50	1.0	04/20/16 15:15	
tert-Butylbenzene	ug/L	<0.18	1.0	04/20/16 15:15	
Tetrachloroethene	ug/L	<0.50	1.0	04/20/16 15:15	
Toluene	ug/L	<0.50	1.0	04/20/16 15:15	
trans-1,2-Dichloroethene	ug/L	<0.26	1.0	04/20/16 15:15	
trans-1,3-Dichloropropene	ug/L	<0.23	1.0	04/20/16 15:15	
Trichloroethene	ug/L	<0.33	1.0	04/20/16 15:15	
Trichlorofluoromethane	ug/L	<0.18	1.0	04/20/16 15:15	
Vinyl chloride	ug/L	<0.18	1.0	04/20/16 15:15	
Xylene (Total)	ug/L	<1.5	3.0	04/20/16 15:15	
4-Bromofluorobenzene (S)	%	89	70-130	04/20/16 15:15	
Dibromofluoromethane (S)	%	107	70-130	04/20/16 15:15	
Toluene-d8 (S)	%	97	70-130	04/20/16 15:15	

LABORATORY CONTROL SAMPLE: 1322824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	20	20.1	100	70-131	
1,1,2,2-Tetrachloroethane	ug/L	20	21.5	107	67-130	
1,1,2-Trichloroethane	ug/L	20	21.1	106	70-130	
1,1-Dichloroethane	ug/L	20	20.5	102	70-133	
1,1-Dichloroethene	ug/L	20	20.5	102	70-130	
1,2,4-Trichlorobenzene	ug/L	20	17.8	89	70-130	
1,2-Dibromo-3-chloropropane	ug/L	20	16.0	80	50-150	
1,2-Dibromoethane (EDB)	ug/L	20	19.4	97	70-130	
1,2-Dichlorobenzene	ug/L	20	20.5	103	70-130	
1,2-Dichloroethane	ug/L	20	20.0	100	70-130	
1,2-Dichloropropane	ug/L	20	21.3	107	70-130	
1,3-Dichlorobenzene	ug/L	20	20.1	101	70-130	
1,4-Dichlorobenzene	ug/L	20	21.8	109	70-130	
Benzene	ug/L	20	19.9	99	60-135	
Bromodichloromethane	ug/L	20	21.3	107	70-130	
Bromoform	ug/L	20	20.6	103	70-130	
Bromomethane	ug/L	20	16.4	82	33-130	
Carbon tetrachloride	ug/L	20	21.3	107	70-138	

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

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60342701 KEP
Pace Project No.: 40131029

LABORATORY CONTROL SAMPLE: 1322824

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzene	ug/L	20	21.0	105	70-130	
Chloroethane	ug/L	20	23.0	115	51-130	
Chloroform	ug/L	20	20.4	102	70-130	
Chloromethane	ug/L	20	23.5	118	25-132	
cis-1,2-Dichloroethene	ug/L	20	19.2	96	69-130	
cis-1,3-Dichloropropene	ug/L	20	17.2	86	70-130	
Dibromochloromethane	ug/L	20	19.7	98	70-130	
Dichlorodifluoromethane	ug/L	20	20.4	102	23-130	
Ethylbenzene	ug/L	20	20.5	102	70-136	
Isopropylbenzene (Cumene)	ug/L	20	20.5	102	70-140	
Methyl-tert-butyl ether	ug/L	20	16.8	84	66-138	
Methylene Chloride	ug/L	20	20.8	104	70-130	
Styrene	ug/L	20	21.8	109	70-133	
Tetrachloroethene	ug/L	20	21.1	105	70-138	
Toluene	ug/L	20	21.1	105	70-130	
trans-1,2-Dichloroethene	ug/L	20	20.5	102	70-131	
trans-1,3-Dichloropropene	ug/L	20	16.3	82	69-130	
Trichloroethene	ug/L	20	21.3	106	70-130	
Trichlorofluoromethane	ug/L	20	23.8	119	50-150	
Vinyl chloride	ug/L	20	23.7	118	49-130	
Xylene (Total)	ug/L	60	63.8	106	70-135	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1323149 1323150

Parameter	Units	40131029021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.50	50	50	51.8	51.6	104	103	70-134	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.25	50	50	55.1	54.8	110	110	67-130	0	20	
1,1,2-Trichloroethane	ug/L	<0.20	50	50	54.4	55.2	109	110	70-130	1	20	
1,1-Dichloroethane	ug/L	<0.24	50	50	51.3	51.1	103	102	70-134	0	20	
1,1-Dichloroethene	ug/L	<0.41	50	50	52.2	52.3	104	105	68-136	0	20	
1,2,4-Trichlorobenzene	ug/L	<2.2	50	50	47.0	47.6	94	95	62-139	1	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.2	50	50	48.7	48.4	97	97	50-150	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.18	50	50	52.3	52.9	105	106	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.50	50	50	52.7	52.6	105	105	70-130	0	20	
1,2-Dichloroethane	ug/L	<0.17	50	50	51.0	51.3	102	103	70-130	1	20	
1,2-Dichloropropane	ug/L	<0.23	50	50	54.2	54.6	108	109	70-130	1	20	
1,3-Dichlorobenzene	ug/L	<0.50	50	50	52.0	52.2	104	104	70-131	0	20	
1,4-Dichlorobenzene	ug/L	<0.50	50	50	53.6	53.6	107	107	70-130	0	20	
Benzene	ug/L	<0.50	50	50	51.2	50.9	102	102	57-138	1	20	
Bromodichloromethane	ug/L	<0.50	50	50	55.2	55.0	110	110	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60342701 KEP
Pace Project No.: 40131029

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1323149 1323150

Parameter	Units	40131029021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Bromoform	ug/L	<0.50	50	50	49.9	49.9	100	100	70-130	0	20	
Bromomethane	ug/L	<2.4	50	50	44.0	48.4	88	97	33-130	10	27	
Carbon tetrachloride	ug/L	<0.50	50	50	54.4	53.7	109	107	70-138	1	20	
Chlorobenzene	ug/L	<0.50	50	50	52.7	53.1	105	106	70-130	1	20	
Chloroethane	ug/L	<0.37	50	50	57.1	57.6	114	115	51-130	1	20	
Chloroform	ug/L	<2.5	50	50	50.7	50.4	101	101	70-130	1	20	
Chloromethane	ug/L	<0.50	50	50	60.4	60.7	121	121	25-132	0	20	
cis-1,2-Dichloroethene	ug/L	<0.26	50	50	47.8	47.7	96	95	61-140	0	20	
cis-1,3-Dichloropropene	ug/L	<0.50	50	50	48.7	48.9	97	98	70-130	1	20	
Dibromochloromethane	ug/L	<0.50	50	50	49.9	50.0	100	100	70-130	0	20	
Dichlorodifluoromethane	ug/L	<0.22	50	50	51.4	51.3	103	103	23-130	0	20	
Ethylbenzene	ug/L	<0.50	50	50	54.2	54.3	108	109	70-138	0	20	
Isopropylbenzene (Cumene)	ug/L	<0.14	50	50	55.5	55.5	111	111	70-152	0	20	
Methyl-tert-butyl ether	ug/L	<0.17	50	50	43.6	43.7	87	87	66-139	0	20	
Methylene Chloride	ug/L	<0.23	50	50	52.0	51.8	104	104	70-130	0	20	
Styrene	ug/L	<0.50	50	50	57.1	57.3	114	115	70-138	0	20	
Tetrachloroethene	ug/L	<0.50	50	50	54.4	54.2	109	108	70-148	0	20	
Toluene	ug/L	<0.50	50	50	53.6	54.0	107	108	70-130	1	20	
trans-1,2-Dichloroethene	ug/L	<0.26	50	50	51.2	51.2	102	102	70-133	0	20	
trans-1,3-Dichloropropene	ug/L	<0.23	50	50	44.0	43.8	88	88	69-130	0	20	
Trichloroethene	ug/L	<0.33	50	50	54.5	53.9	109	108	70-131	1	20	
Trichlorofluoromethane	ug/L	<0.18	50	50	58.5	58.6	117	117	50-150	0	20	
Vinyl chloride	ug/L	<0.18	50	50	59.6	60.0	119	120	49-133	1	20	
Xylene (Total)	ug/L	<1.5	150	150	164	165	109	110	70-135	0	20	
4-Bromofluorobenzene (S)	%						99	100	70-130			
Dibromofluoromethane (S)	%						108	107	70-130			
Toluene-d8 (S)	%						98	99	70-130			

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 60342701 KEP
Pace Project No.: 40131029

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

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60342701 KEP
Pace Project No.: 40131029

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40131029001	**MW-808**	EPA 8260	MSV/33094		
40131029002	**MW-809**	EPA 8260	MSV/33094		
40131029003	**CS9-MW-68**	EPA 8260	MSV/33094		
40131029004	**CS9-PZ-68**	EPA 8260	MSV/33094		
40131029005	**CS7-MW-117**	EPA 8260	MSV/33094		
40131029006	**CS7-PZ-117**	EPA 8260	MSV/33094		
40131029007	**CS8-MW-116**	EPA 8260	MSV/33094		
40131029008	**CS8-PZ-116**	EPA 8260	MSV/33094		
40131029009	**CS7-MW-111**	EPA 8260	MSV/33094		
40131029010	**CS8-MW-110**	EPA 8260	MSV/33094		
40131029011	**CS10-MW-44**	EPA 8260	MSV/33094		
40131029012	**CS10-MW-108**	EPA 8260	MSV/33094		
40131029013	**CS10-MW-108D**	EPA 8260	MSV/33094		
40131029014	**CS2-MW-105**	EPA 8260	MSV/33094		
40131029015	**CS6-MW-115**	EPA 8260	MSV/33094		
40131029016	**CS6-MW-114**	EPA 8260	MSV/33094		
40131029017	**CS6-MW-114D**	EPA 8260	MSV/33094		
40131029018	**CS6-PZ-118**	EPA 8260	MSV/33094		
40131029019	**CS6-MW-113**	EPA 8260	MSV/33094		
40131029020	**CS7-MW-112**	EPA 8260	MSV/33094		
40131029021	**CS9-MW-109**	EPA 8260	MSV/33102		
40131029022	**CS3-MW-102**	EPA 8260	MSV/33102		
40131029023	**CS5-MW-101**	EPA 8260	MSV/33102		
40131029024	**TRIP BLANK**	EPA 8260	MSV/33102		

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

SACW

401310299

Page: 1 of 2

Section A
Required Client Information:

Company: AECOM - Milw	
Address: 1555 N. River Center Dr., Suite 214	
Milwaukee, WI 53212	
Email To: Lanette.Altenbach@aecom.com	
Phone: 414-577-1363	Fax:
Requested Due Date/TAT: Standard	

Section B
Required Project Information:

Report To: Lanette Altenbach	
Copy To:	
Purchase Order No.:	
Project Name: **KEP**	
Project Number: 60342701	

Section C
Invoice Information:

Attention: Accounts Payable/Finance Department	
Company Name: City of Kenosha	
Address: 652 52nd St., Kenosha, WI 53140	
Pace Quote Reference:	
Pace Project Manager: Chris Hyska	
Pace Profile #: (2430) Kenosha work	

REGULATORY AGENCY

__NPDES X_GROUND WATER __DRINKING WATER
__UST __RCRA OTHER_____

SITE LOCATION __GA __IL __IN __MI __NC __OH __SC X_WI OTHER___

Section D **Required** Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	Section D SAMPLE ID	MATRIX CODE	SAMPLE TYPE G+GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: VOCs	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	MW-808 001	WT	G			4/14/16	0851		3				X					N	X		3-40mLv B
2	MW-809 002	WT	G			4/14/16	0958		3				X						X		
3	CS9-MW-68 003	WT	G			4/14/16	1111		3				X						X		
4	CS9-PZ-68 004	WT	G			4/14/16	1101		3				X						X		
5	CS7-MW-117 005	WT	G			4/14/16	1205		3				X						X		
6	CS7-PZ-117 006	WT	G			4/14/16	1219		3				X						X		
7	CS8-MW-116 007	WT	G			4/14/16	1316		3				X						X		
8	CS8-PZ-116 008	WT	G			4/14/16	1317		3				X						X		
9	CS7-MW-111 009	WT	G			4/14/16	1418		3				X						X		
10	CS8-MW-110 010	WT	G			4/14/16	1400		3				X						X		
11	CS10-MW-44 011	WT	G			4/14/16	1514		3				X						X		
12	CS10-MW-108 012	WT	G			4/14/16	1505		3				X						X		

Additional Comments:

Analysis per contract

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Andrew Piccung AECOM	4/18/16	0900			
CS Logistics	4/19/16	0920	Katie Johnson Pace	4/19/16	0920

SAMPLE CONDITIONS

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
001	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andrew Piccung

SIGNATURE of SAMPLER: Andrew Piccung

DATE Signed (MM / DD / YY): 04/15/16

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

401310294

Page: 2 of 2

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: AECOM - Milw	Report To: Lanette Altenbach	Attention: Accounts Payable/Finance Department
Address: 1555 N. River Center Dr., Suite 214	Copy To:	Company Name: City of Kenosha
Milwaukee, WI 53212		Address: 652 52nd St., Kenosha, WI 53140
Email To: Lanette.Altenbach@aecom.com	Purchase Order No.:	Pace Quote Reference:
Phone: 414-577-1363 Fax:	Project Name: KEP	Pace Project Manager: Chris Hyska
Requested Due Date/TAT: Standard	Project Number: 60342701	Pace Profile #: (2430) Kenosha work

REGULATORY AGENCY

__NPDES _X_GROUND WATER __DRINKING WATER

__UST __RCRA OTHER_____

SITE LOCATION __GA __IL __IN __MI __NC __OH __SC _X_WI OTHER____

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G+GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis: VOCs	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	CS1D-MW-108D 013	WT	G			4/14/16	1505		3				X					X		3-40mlVB
2	CS2-MW-105 014	WT	G			4/14/16	1553		3				X					X		
3	CS6-MW-115 015	WT	G			4/15/16	0926		3				X					X		
4	CS6-MW-114 016	WT	G			4/15/16	0927		3				X					X		
5	CS6-MW-114D 017	WT	G			4/15/16	0927		3				X					X		
6	CS6-PZ-118 018	WT	G			4/15/16	1028		3				X					X		
7	CS6-MW-113 019	WT	G			4/15/16	1005		3				X					X		
8	CS7-MW-112 020	WT	G			4/15/16	1114		3				X					X		
9	CS9-MW-109 021	WT	G			4/15/16	1113		3				X					X		
10	CS3-MW-102 022	WT	G			4/15/16	1209		3				X					X		
11	CS5-MW-101 023	WT	G			4/15/16	1209		3				X					X		
12	Trip Blank 024	WT	G			4/14/16	0800		2				X					X		2-40mlVB

Additional Comments:

Analysis per Contract

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
AECOM	04/18/16	0900			
CS Logistics	4/19/16	0920	Katie Ehrman Pace	4/19/16	0920
	4/19/16				

SAMPLE CONDITIONS

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
R01	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andrew Pirrung

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 04/15/16

E-File,(ALLQ020rev.3,31Mar05), 13Jun2005

Pace Analytical

Sample Condition Upon Receipt

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

Project # **WO# : 40131029**

40131029

Client Name: AECOM-Milw

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace ☑ Other: CS Logistics

Tracking #: ______

Custody Seal on Cooler/Box Present: ☑ yes ☐ no (KS 4/19/16) Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ 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 ☑ no

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 4/19/16
Initials: KS

Item	Yes	No	N/A	Comments
Chain of Custody Present:	☑	☐	☐	1.
Chain of Custody Filled Out:	☑	☐	☐	2.
Chain of Custody Relinquished:	☑	☐	☐	3.
Sampler Name & Signature on COC:	☑	☐	☐	4.
Samples Arrived within Hold Time:	☑	☐	☐	5.
- VOA Samples frozen upon receipt	☐	☐		Date/Time:
Short Hold Time Analysis (<72hr):	☐	☑	☐	6.
Rush Turn Around Time Requested:	☐	☑	☐	7.
Sufficient Volume:	☑	☐	☐	8.
Correct Containers Used:	☑	☐	☐	9.
-Pace Containers Used:	☑	☐	☐	
-Pace IR Containers Used:	☐	☐	☑	
Containers Intact:	☑	☐	☐	10.
Filtered volume received for Dissolved tests	☐	☐	☑	11.
Sample Labels match COC:	☐	☑	☐	12. 007 & 008 times are switched on samples. KS 4/19/16
-Includes date/time/ID/Analysis Matrix: W				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐	☐	☑	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐	☐	☑	
exceptions: (VOA), coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑	☐		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐	☑	☐	14.
Trip Blank Present:	☑	☐	☐	15.
Trip Blank Custody Seals Present	☑	☐	☐	
Pace Trip Blank Lot # (if purchased): 1256				

Client Notification/ Resolution:

If checked, see attached form for additional comments ☐

Person Contacted: Andrew Pirrung Date/Time: 4-20-16

Comments/ Resolution:

Per Andrew ; collection times on sample label are correct - 4/20/16 [initials]

Project Manager Review: [signature] **Date:** 4-20-16

F-GB-C-031-Rev.03 (9April2015) SCUR Form